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WATER QUALITY DATA
ONTARIO LAKES
AND STREAMS
1981



part 1 of 2

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WATER QUALITY DATA
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1981

part 1 of 2

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INTRODUCTION

"Water Quality Data for Ontario Lakes and Streams," Volume XVII, 1981, is one of an ongoing series published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment units of this Ministry's six Regional Offices (Figure 1) with the assistance of numerous local Conservation Authorities. Compilation and publication were performed by the Hydrology and Monitoring Section of the Water Resources Branch. The data result from a routine sampling program designed to provide a long-term record of water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively, the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario's rivers and lakes. The booklet "Water Management Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment" outlines the current policies for water management in Ontario.

Samples are analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci and Pseudomonas aeruginosa; concentrations of biochemical oxygen demand, total phosphorus, filtered reactive phosphate, filtered ammonia, total Kjeldahl nitrogen, filtered nitrite and nitrate forms of nitrogen; total, suspended and dissolved solids; levels of conductivity and turbidity; concentrations of chlorides, sulphates, unfiltered

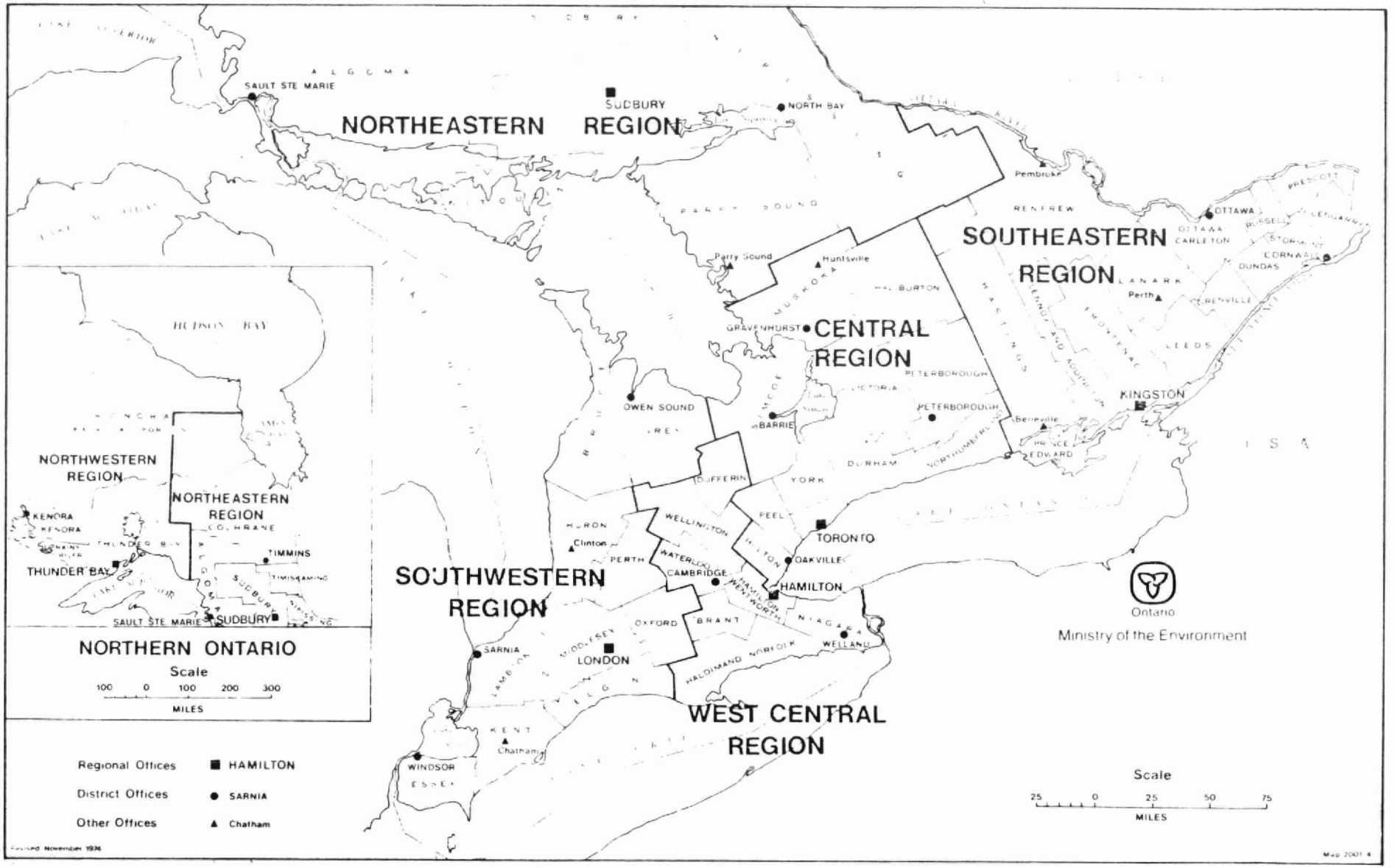


Figure 1. Regions and offices in Ontario.

reactive silicates, acidity, alkalinity; units of pH; concentrations of total iron, phenols, hardness, calcium, magnesium; units of colour; concentrations of potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.

In addition, radiochemical analyses are conducted on selected samples and the results are expressed as levels of ionizing radiation (i.e. the number of nuclear disintegrations per second). Selected samples are analysed for some or all of the following radiochemical parameters: gross alpha, gross beta, radium-226, total uranium, cesium-137, cesium-134 and cobalt-60.

Some samples are also analysed for some or all of the following synthetic organic parameters: concentrations of PCB, PCP and 2,4,5-T.

The water quality monitoring program commenced in July 1964 in Southern Ontario and currently consists of a total of 725 stations throughout Ontario. The following maps (figures 2 and 3) show the Southern and Northern Ontario Terminal Basins which are used to identify the sampling station locations. Definitions or brief descriptions are provided for the more common parameters of pollution under the section entitled Interpretation of Data.

The Fish Contaminant Monitoring Program which is co-ordinated by the Ontario Ministries of Natural Resources, Environment and Labour is not discussed in this publication. A summary of health implications of contaminants in fish with a listing of test results from each fish sampling location can be found in the publication, "Guide to Eating Ontario Sport Fish." Three separate publications in this series are updated annually and each pertains exclusively to the areas of Northern Ontario, Southern Ontario and the Great Lakes.

The streamflow station network in Ontario is also not discussed in this publication. However, where streamflow data exists at

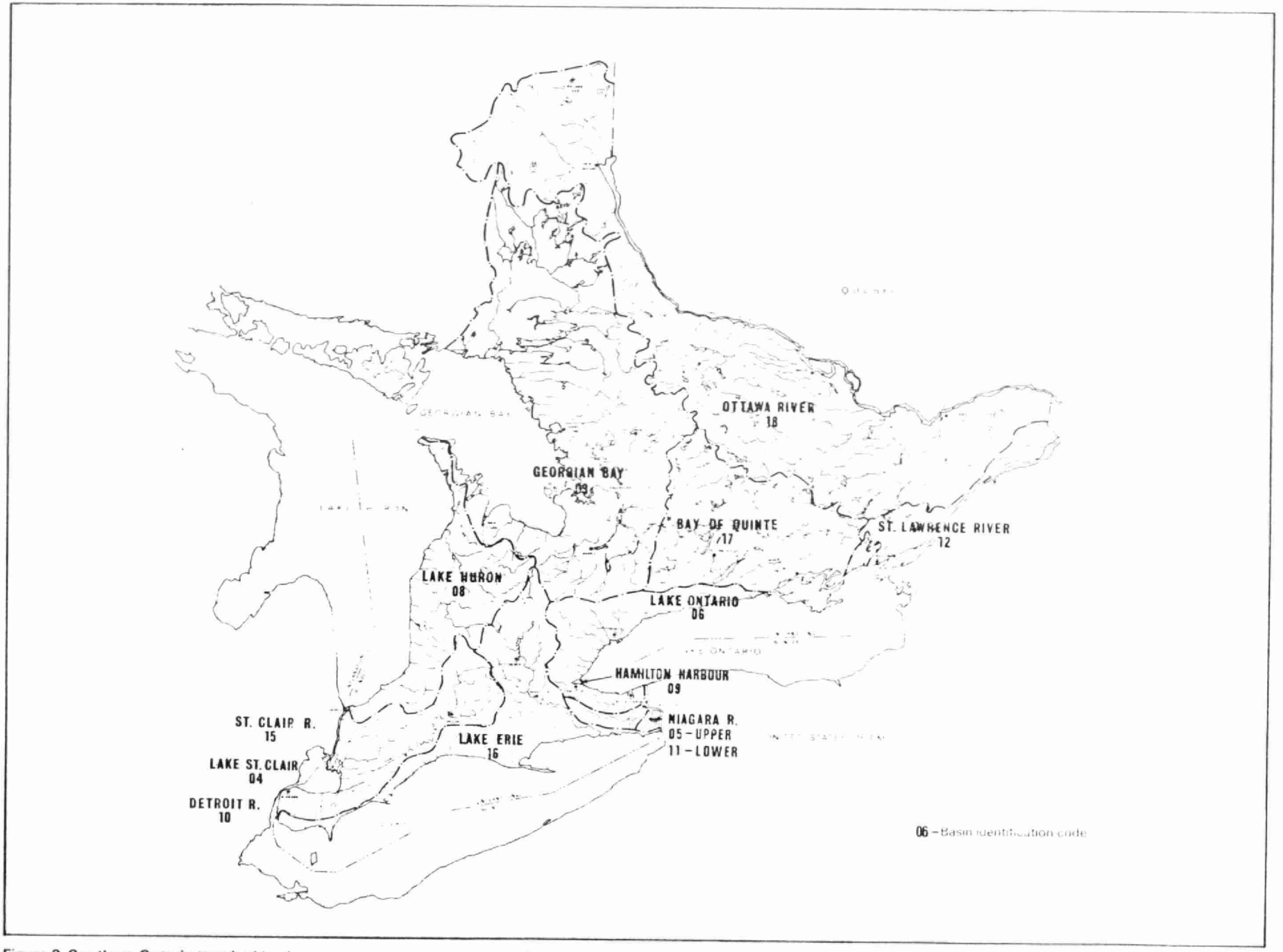
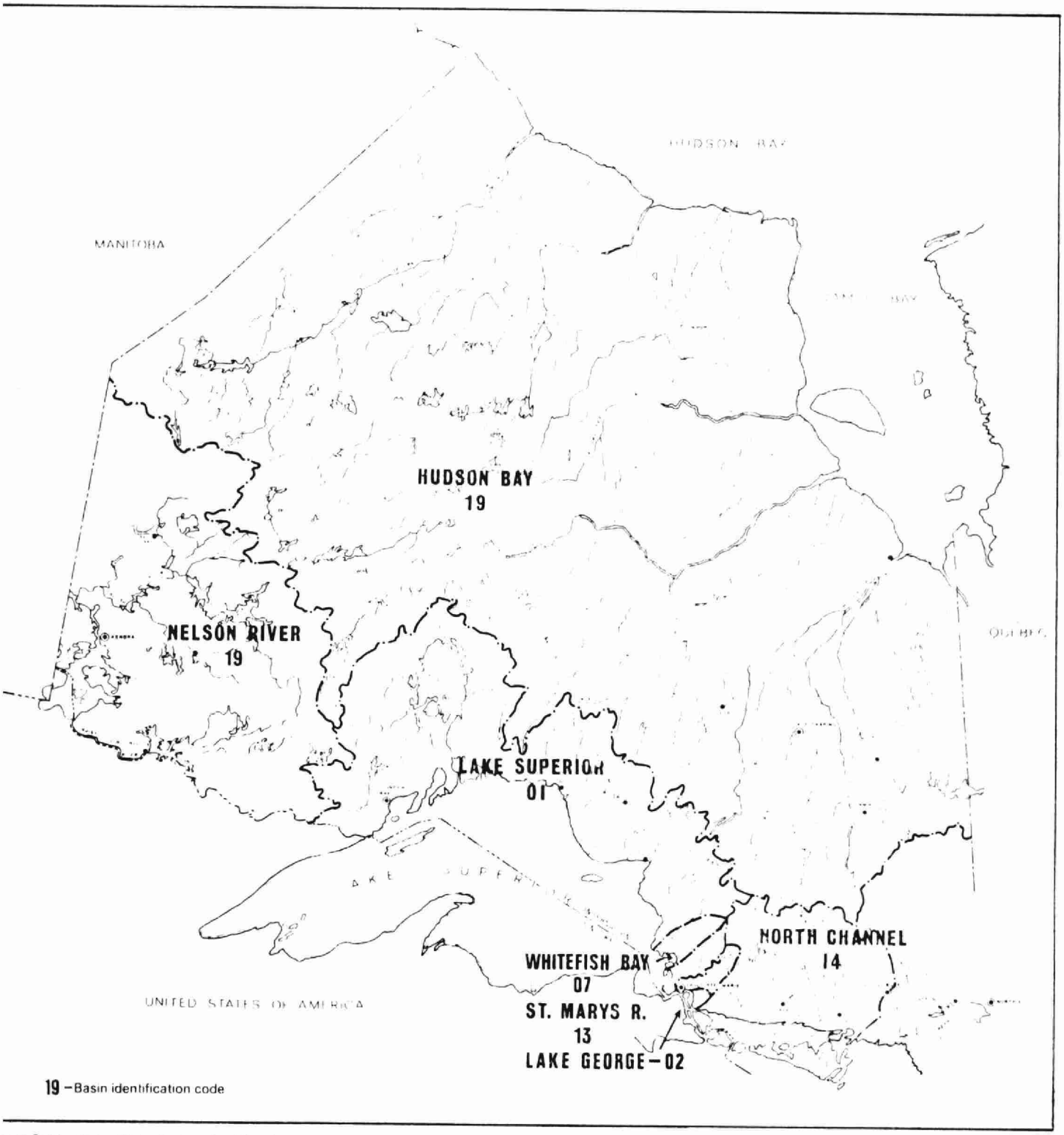


Figure 2. Southern Ontario terminal basins.



ure 3. Northern Ontario terminal basins.

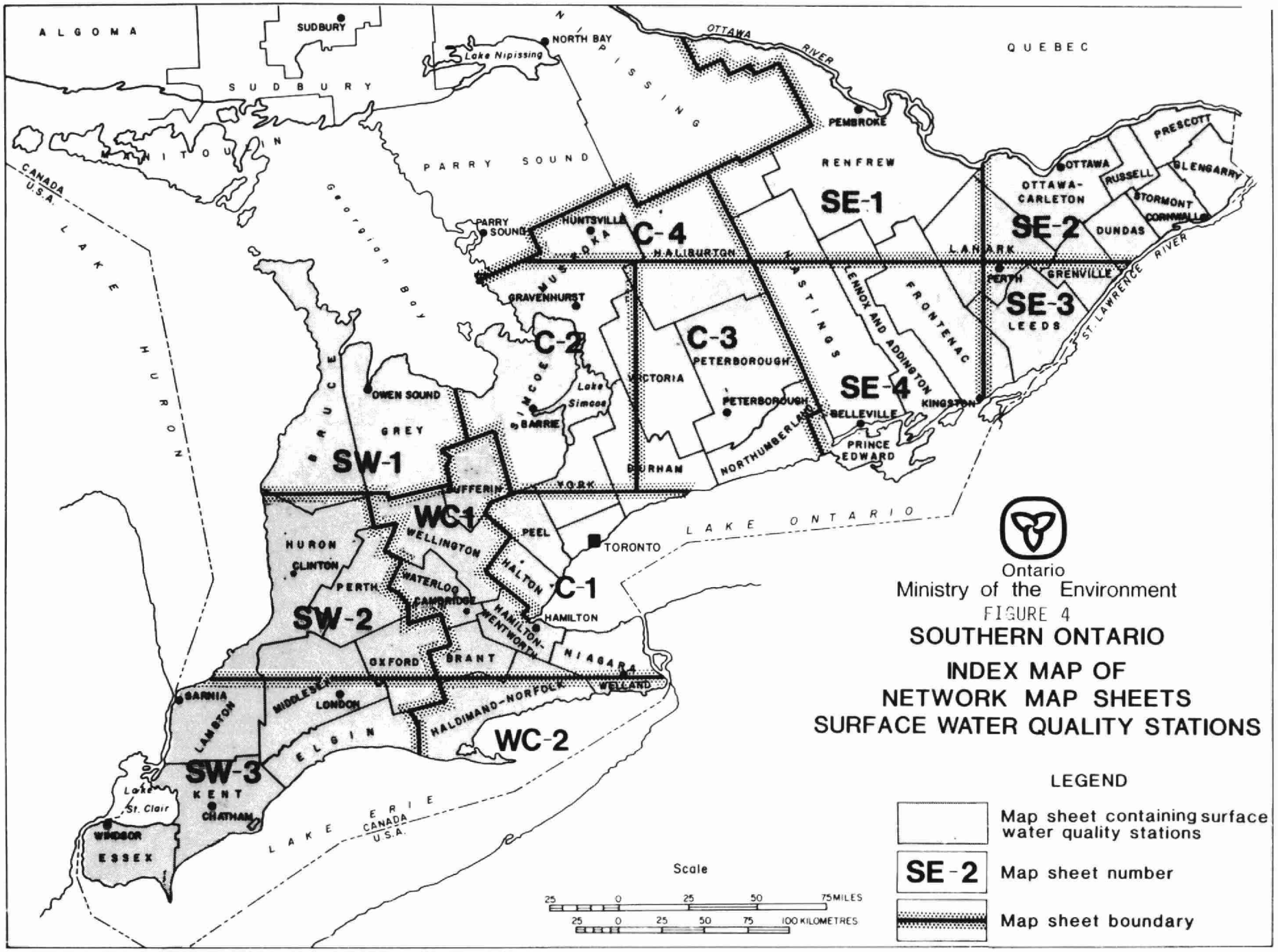
tributary locations which are coincident with the water quality monitoring station locations, mean daily discharge is reported along with the water quality data. The collection of hydrometric data in Ontario has been carried out under a Memorandum of Agreement between the Government of Canada and the Province of Ontario since April, 1975. The Province of Ontario is represented in the Agreement by the Ministry of the Environment, the Ministry of Natural Resources and Ontario Hydro. These agencies meet at regular intervals with the Water Survey of Canada to administer the Agreement.

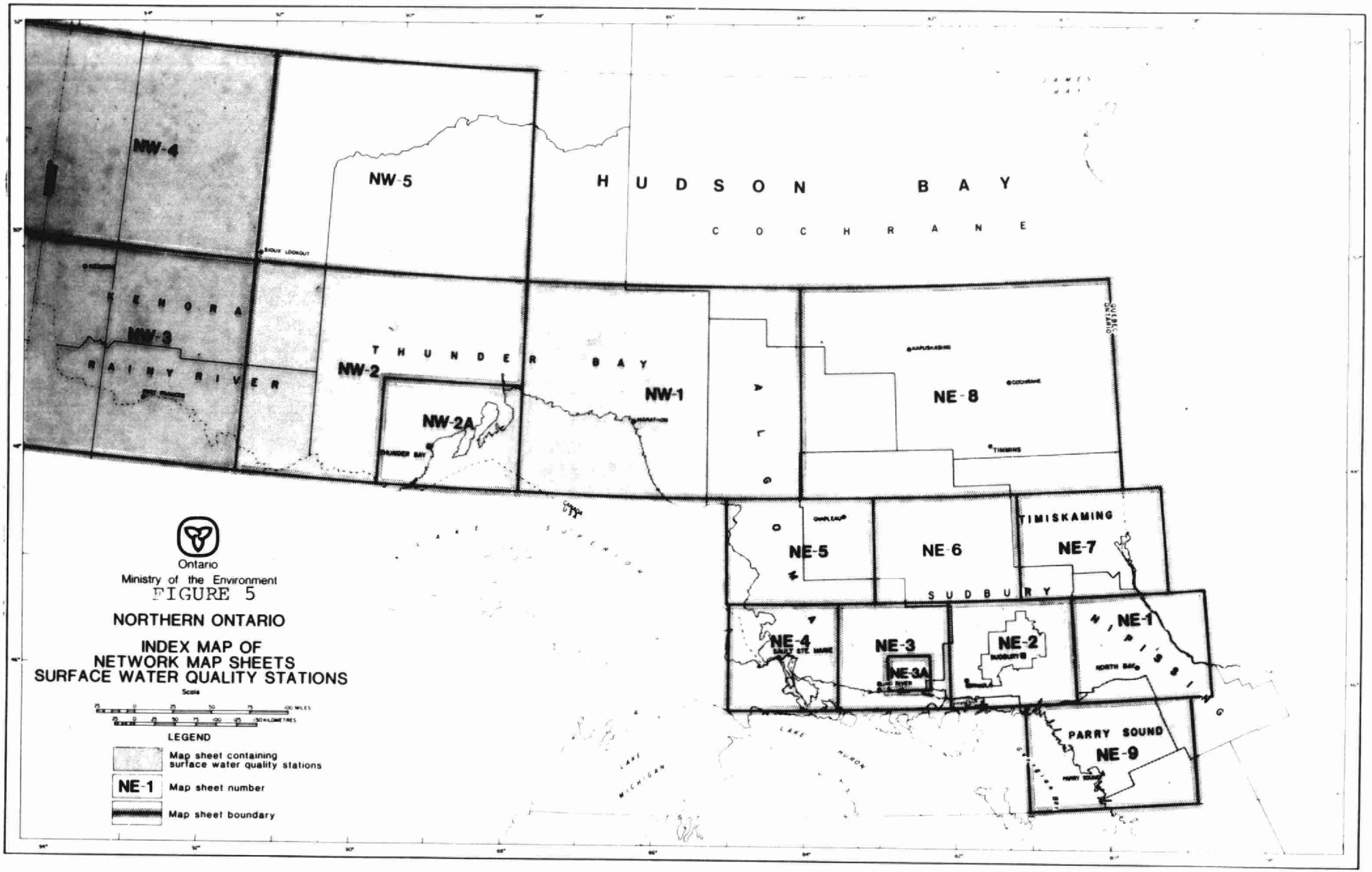
NETWORK MAP SHEETS

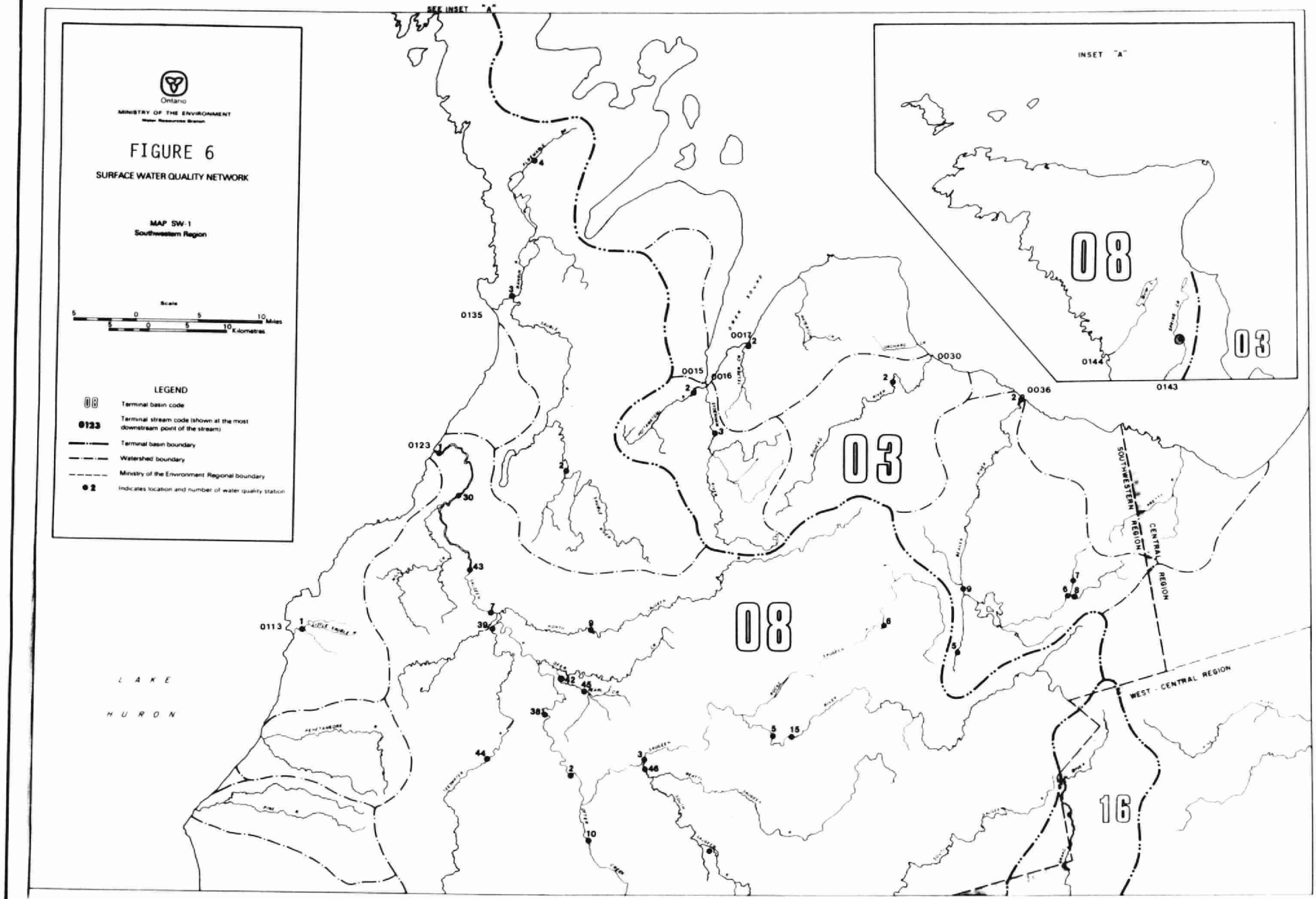
Individual station locations are identified on specially prepared network maps. These network maps have been drawn to conform approximately to the boundaries of the Ministry's Regions, and are grouped according to Regions. Two index maps (pages XI and XII) illustrate individual map sheet coverages within the Province.

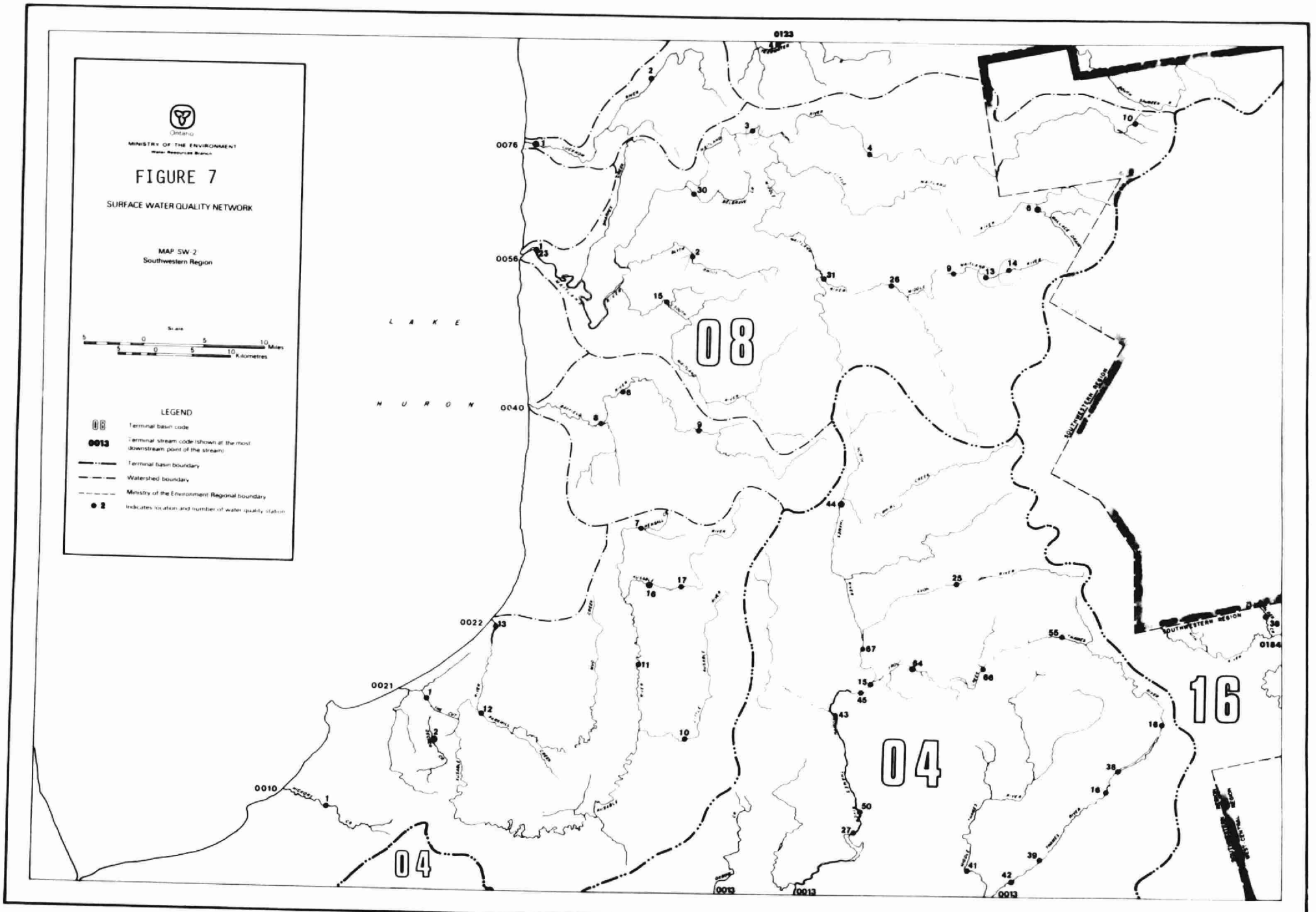
The following procedure was used in the preparation of the maps. Individual base maps within a Region were assembled using the National Topographic Series maps at a scale of 1:250,000. In northern Ontario, this was reduced to a scale of 1:500,000 in the Lake Superior and Nelson River basins, and to a scale of 1:2,000,000 in the Hudson Bay basin. For each base map, an overlay of the river systems was prepared, showing major watershed and Ministry of the Environment Regional boundaries. Numeric terminal basin and stream codes were added, and active water quality monitoring stations were located on each overlay and referenced with station numbers. The overlays were then reduced to approximately 40% of their original size for purposes of this publication.

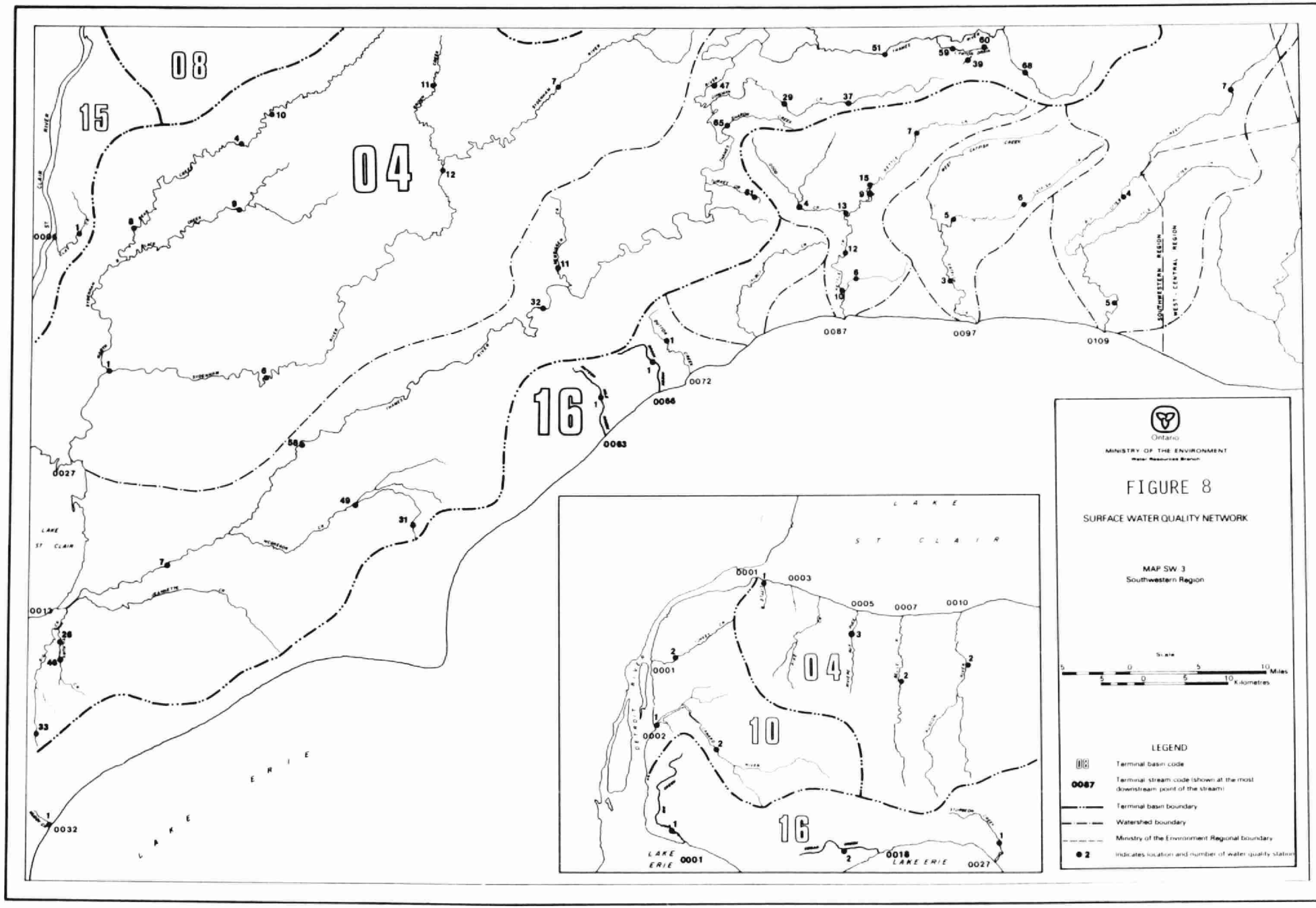
The previously-mentioned terminal basin and stream code, when combined in sequence with a given station number, form a unique station identifier which appears as the "Station ID". The "Station ID" is listed for all active monitoring stations in the "Sampling Station Directory", an alphabetical listing of terminal streams monitored in Ontario (see page 698).

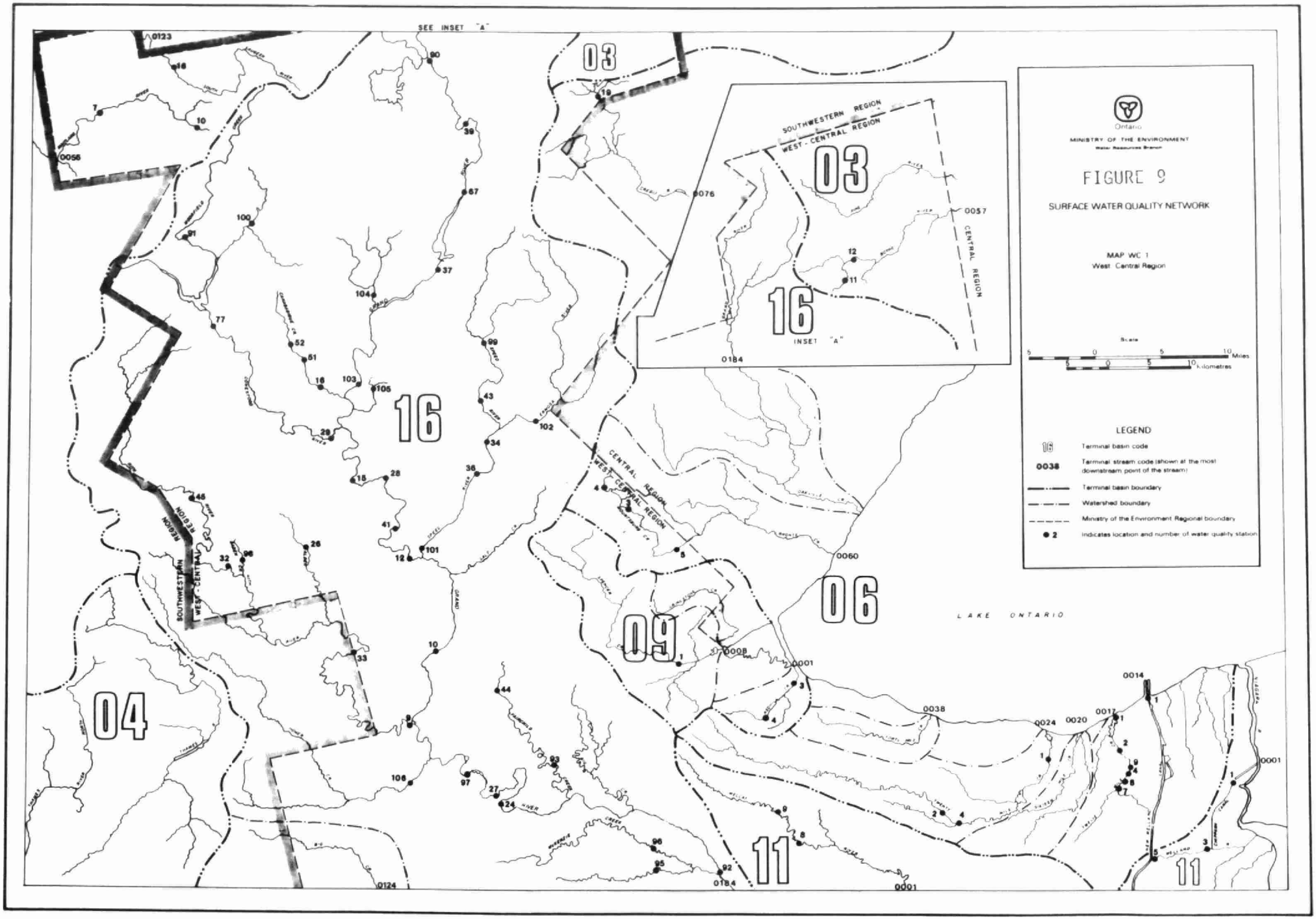

ALGOMA
SUDBURY
NORTH BAY
Lake Nipissing
NIPISSING
OTTAWA RIVER
QUEBEC
MANITOULIN
PARRY SOUND
PEMBROKE
RENFREW
CANADA
U.S.A.
LAKE HURON
Georgian Bay
PARRY SOUND
HUNTSVILLE
MUSKOKA
C-4
HALIBURTON
SE-1
OTTAWA-CARLETON
SE-2
PRESCOTT
RUSSELL
GLENGARRY
STORMONT
CORNWALL
DUNDAS
LANARK
GRENVILLE
SE-3
LEEDS
ST. LAWRENCE RIVER
GRAVENHURST
SIMCOE
C-2
C-3
PETERBOROUGH
VICTORIA
HASTINGS
LENNOX AND ADDINGTON
FRONTENAC
SE-4
BELLEVILLE
KINGSTON
PETERBOROUGH
Lake Simcoe
BARRIE
OWEN SOUND
GREY
SW-1
NORTHUMBERLAND
PRINCE EDWARD
DURHAM
YORK
DUFFERIN
WC-1
WELLINGTON
PEEL
TORONTO
LAKE ONTARIO
HURON
CLINTON
PERTH
WATERLOO
CAMBRIDGE
HALTON
C-1
HAMILTON
SW-2
HAMILTON-WENTWORTH
NIAGARA
OXFORD
BRANT
WELLAND
SARNIA
LAMBTON
MIDDLESEX
LONDON
ELGIN
HALDIMAND-NORFOLK
WC-2
SW-3
KENT
CHATHAM
Lake St. Clair
WINDSOR
ESSEX
LAKE ERIE
CANADA
U.S.A.
Scale
25 0 25 50 75 MILES
25 0 25 50 75 100 KILOMETRES
Ontario
Ministry of the Environment
FIGURE 4
SOUTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS
LEGEND
Map sheet containing surface water quality stations
SE-2
Map sheet number
Map sheet boundary

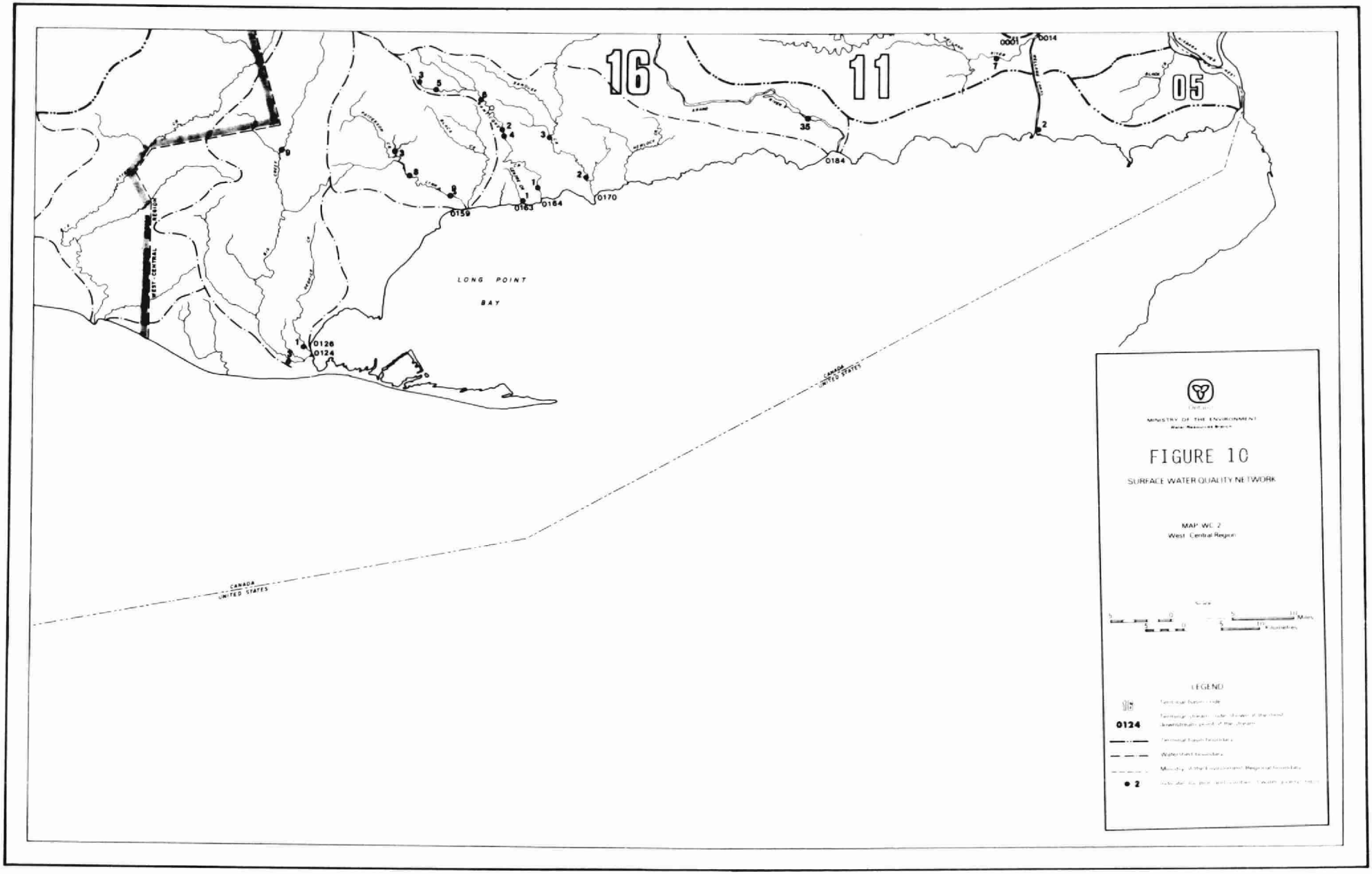

NW-4
NW-5
H U D S O N B A Y
C O C H R A N E
K E N O R A
NW-3
R A I N Y R I V E R
NW-2
T H U N D E R B A Y
NW-2A
NW-1
NE-8
NE-5
NE-6
TIMISKAMING
NE-7
S U D B U R Y
NE-4
NE-3
NE-3A
NE-2
NE-1
PARRY SOUND
NE-9
Ontario
Ministry of the Environment
FIGURE 5
NORTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS
Scale
LEGEND
Map sheet containing surface water quality stations
NE-1
Map sheet number
Map sheet boundary

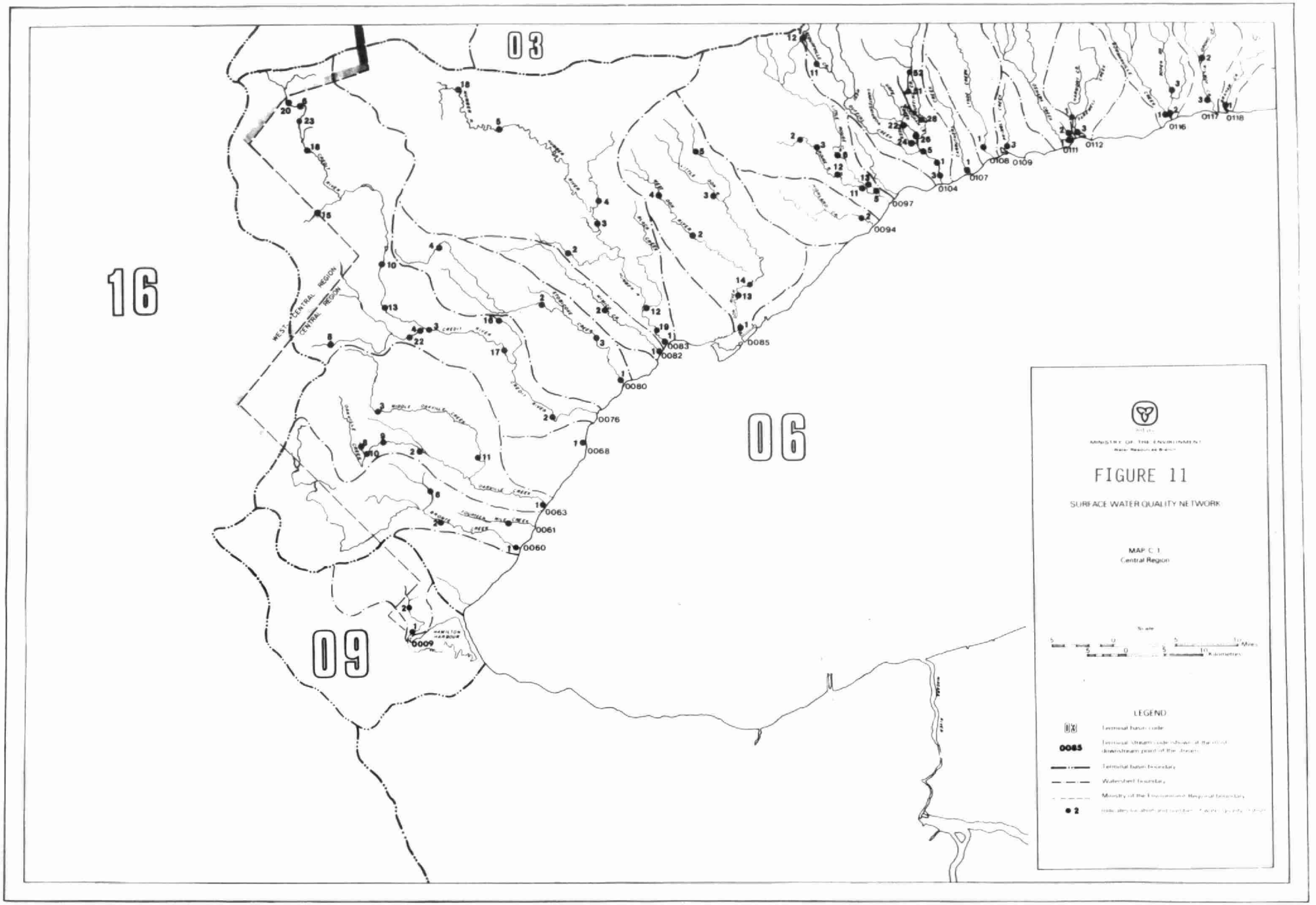

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 6
SURFACE WATER QUALITY NETWORK
MAP SW-1
Southwestern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
08 Terminal basin code
0123 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
●2 Indicates location and number of water quality station
SEE INSET "A"
INSET "A"
08
03
0144
0143
0135
0017
0015
0016
0030
0036
0123
0113
03
08
16
SOUTHWESTERN REGION
CENTRAL REGION
WEST - CENTRAL REGION
LAKE
HURON

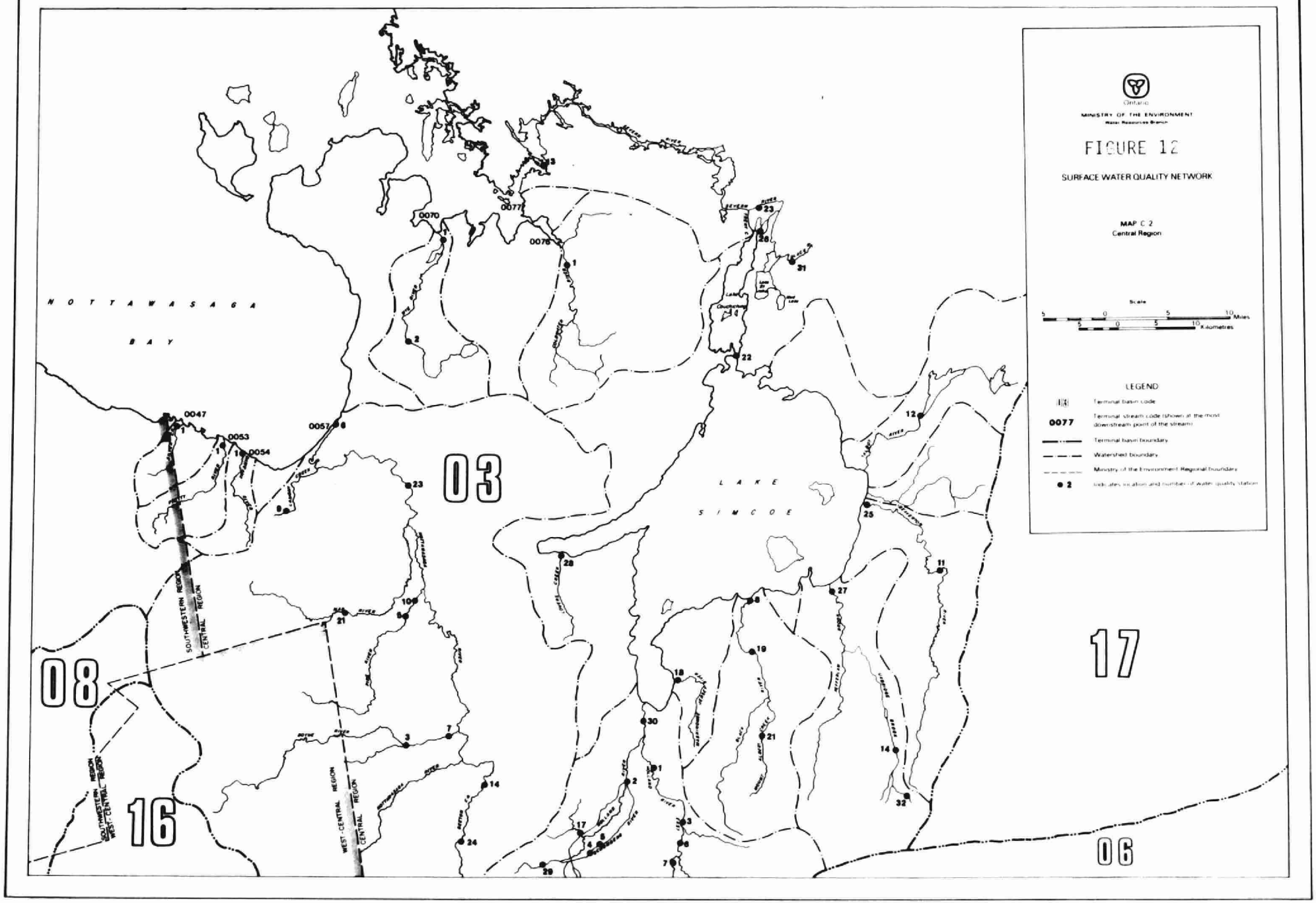

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 7
SURFACE WATER QUALITY NETWORK
MAP SW-2
Southwestern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
08 Terminal basin code
0013 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station
LAKE HURON
08
04
16
04
0123
0076
0056
0040
0022
0021
0010
0013
SOUTHWESTERN REGION

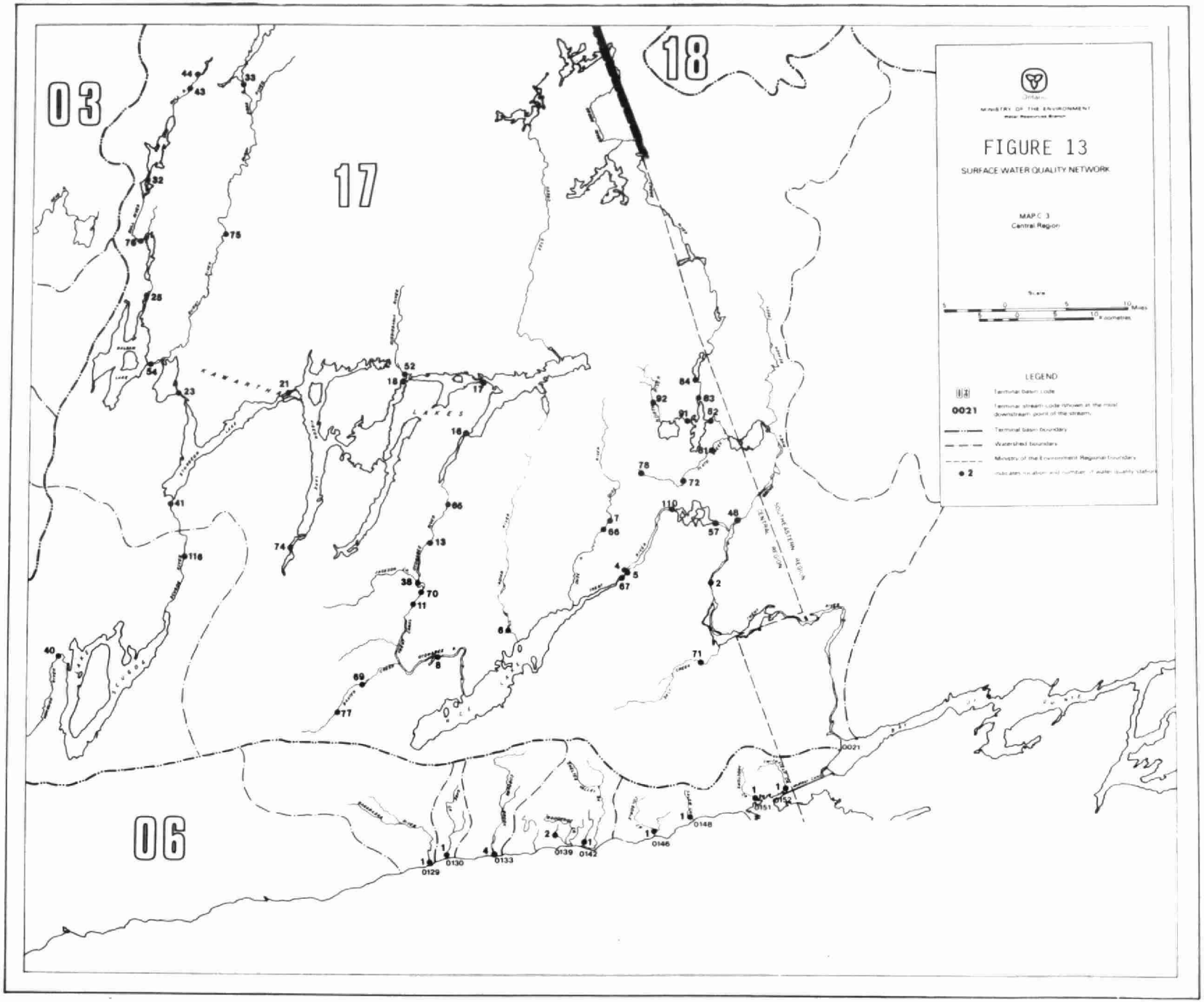

08
15
04
16
10
0087
0097
0109
0072
0066
0063
0027
0017
0032
0001
0002
0003
0005
0007
0010
0018
LAKE ST CLAIR
LAKE ERIE
DETROIT RIVER
SOUTHWESTERN REGION
WEST-CENTRAL REGION
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 8
SURFACE WATER QUALITY NETWORK
MAP SW-3
Southwestern Region
Scale
Miles
Kilometres
LEGEND
Terminal basin code
0087 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality stations


SEE INSET "A"
03
16
04
09
06
11
LAKE ONTARIO
SOUTHWESTERN REGION
WEST - CENTRAL REGION
CENTRAL REGION
INSET "A"
Ontario
MINISTRY OF THE ENVIRONMENT
FIGURE 9
SURFACE WATER QUALITY NETWORK
MAP WC 1
West Central Region
Scale
Miles
Kilometres
LEGEND
Terminal basin code
Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
indicates location and number of water quality station

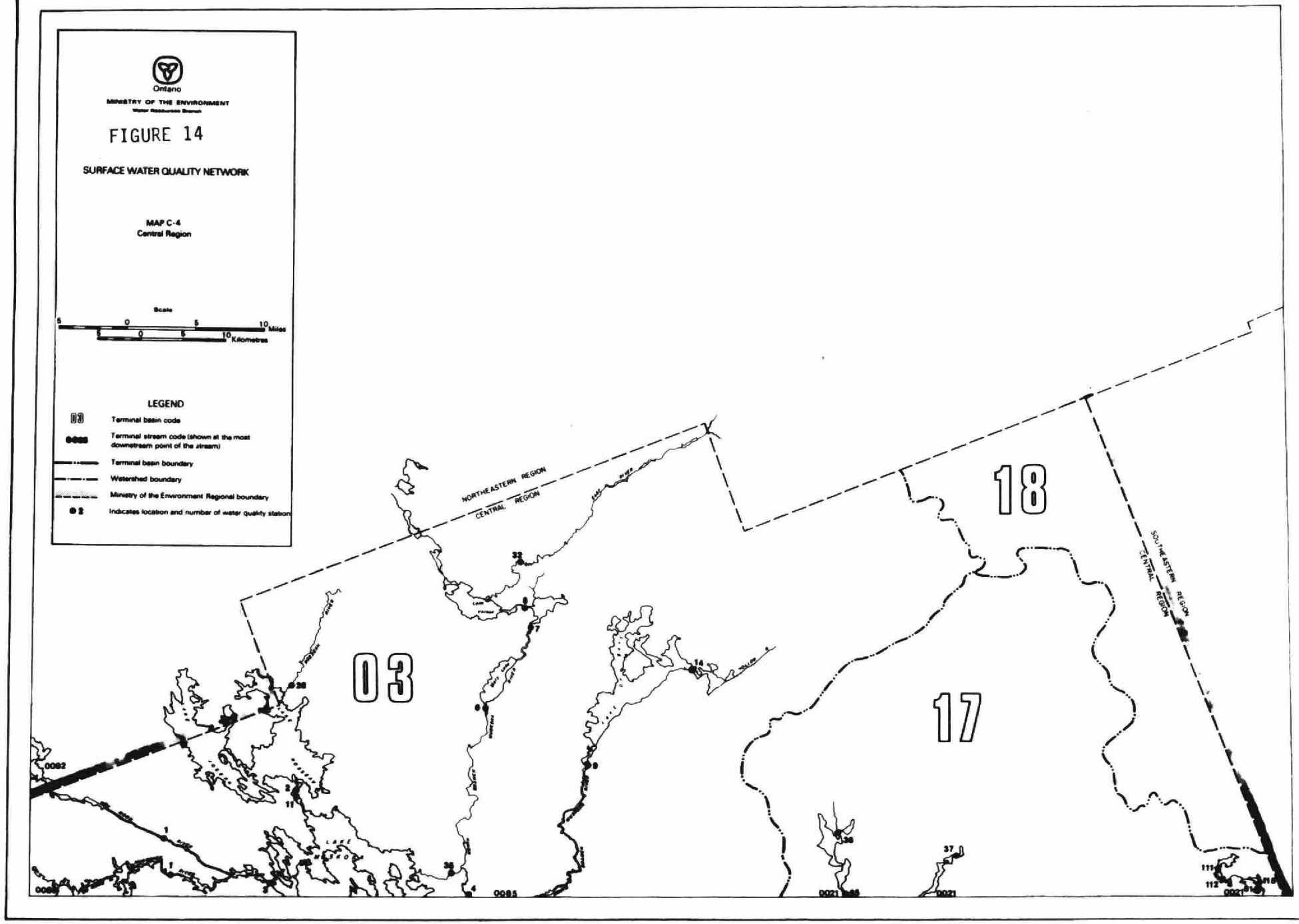

16
11
05
LONG POINT
BAY
CANADA
UNITED STATES
WEST CENTRAL REGION
0126
0124
0159
0163
0164
0170
0184
0001
0014
MINISTRY OF THE ENVIRONMENT
FIGURE 10
SURFACE WATER QUALITY NETWORK
MAP WC 2
West Central Region
LEGEND
0124

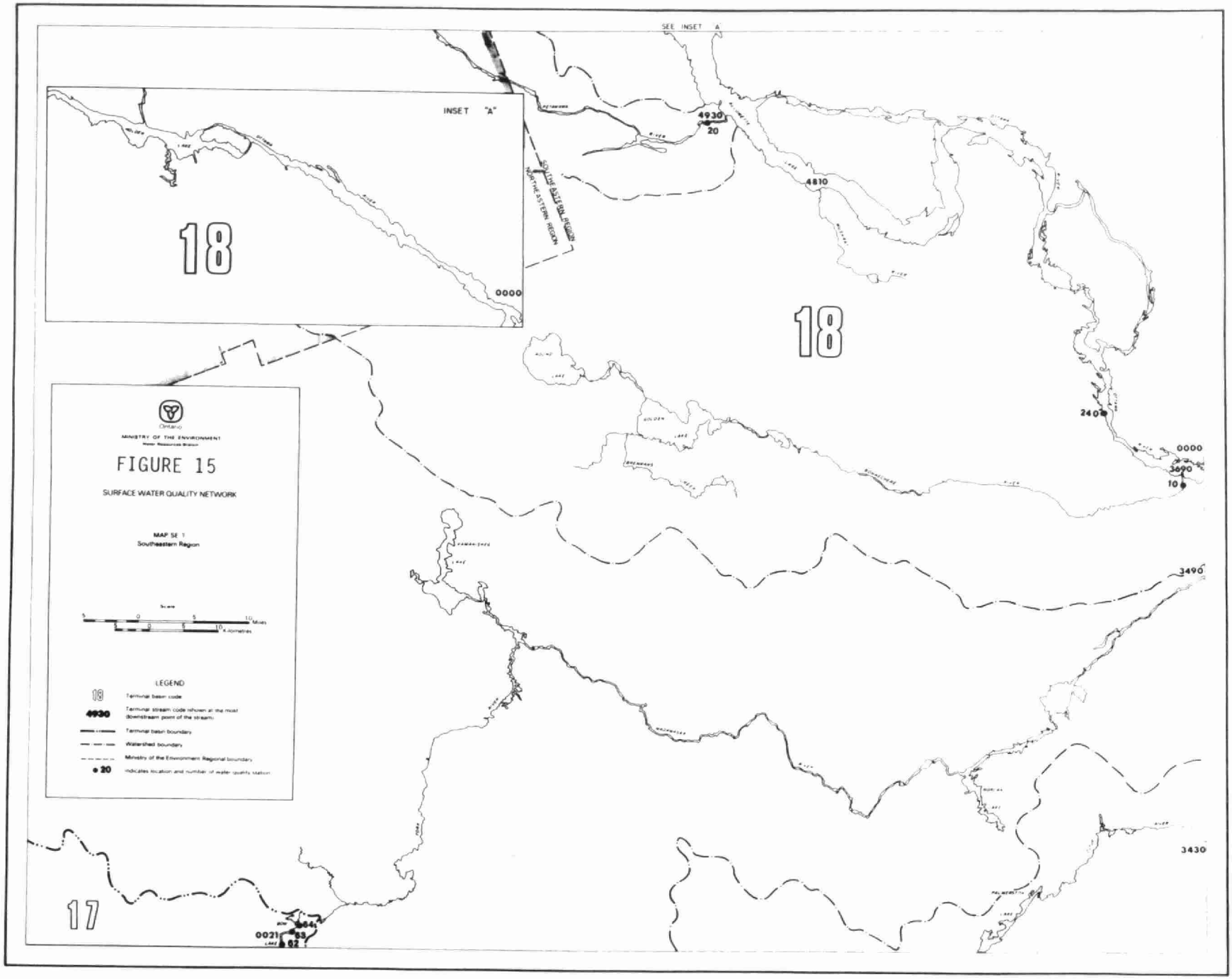

03
16
06
09
WEST CENTRAL REGION
CENTRAL REGION
0116
0117
0118
0111
0112
0107
0108
0109
0104
0097
0094
0085
0083
0082
0080
0076
0068
0063
0061
0060
0009
HAMILTON HARBOUR
MINISTRY OF THE ENVIRONMENT
FIGURE 11
SURFACE WATER QUALITY NETWORK
MAP C 1
Central Region
Scale
Miles
Kilometres
LEGEND
Terminal basin code
Terminal stream code indicating the most downstream point of the stream
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality stations

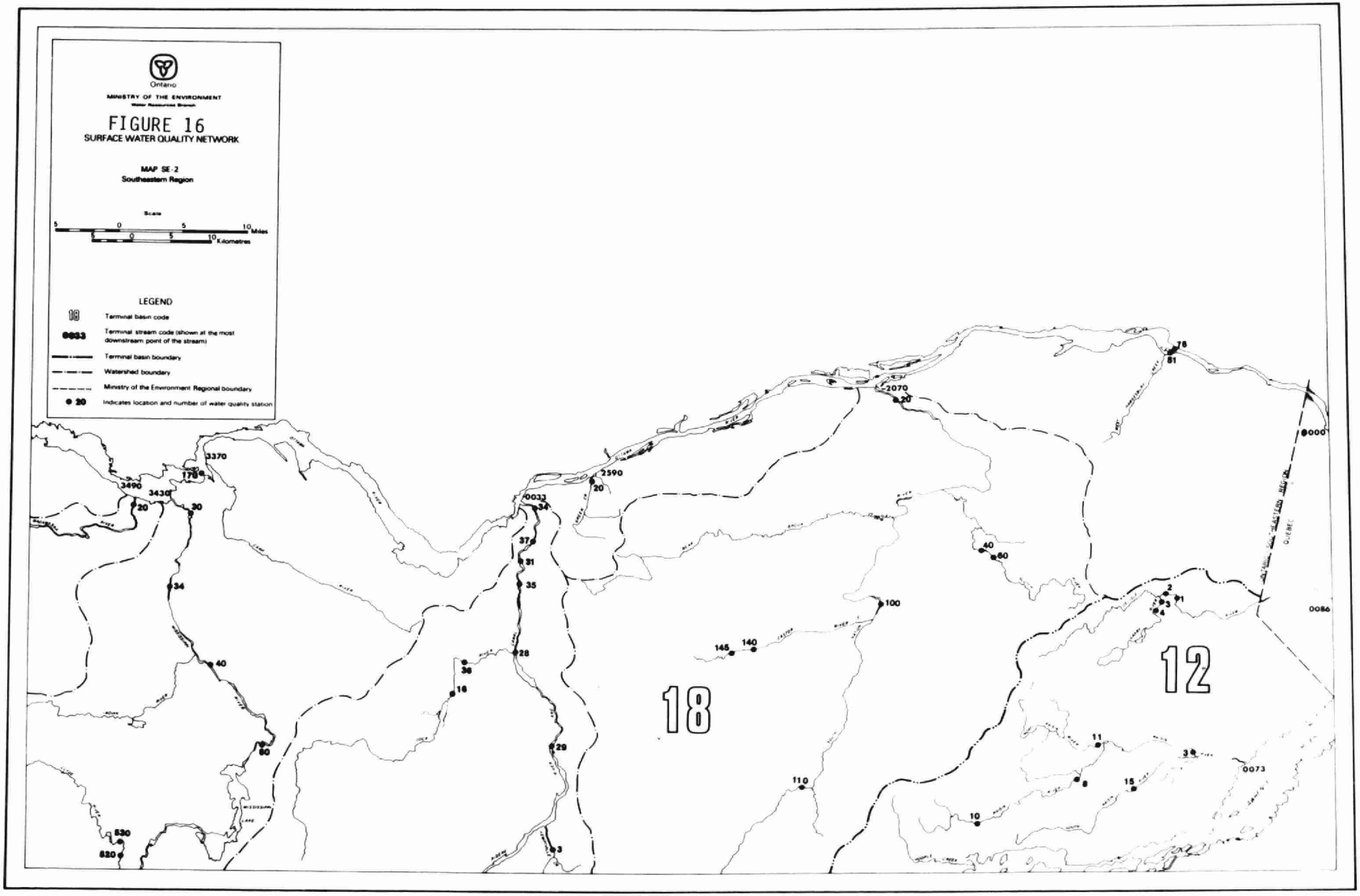

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 12
SURFACE WATER QUALITY NETWORK
MAP C 2
Central Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
03 Terminal basin code
0077 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station
NOTTAWASAGA BAY
LAKE SIMCOE
03
08
16
17
06
SOUTHWESTERN REGION
CENTRAL REGION
WEST-CENTRAL REGION
0047
0053
0054
0057
0070
0077
0076

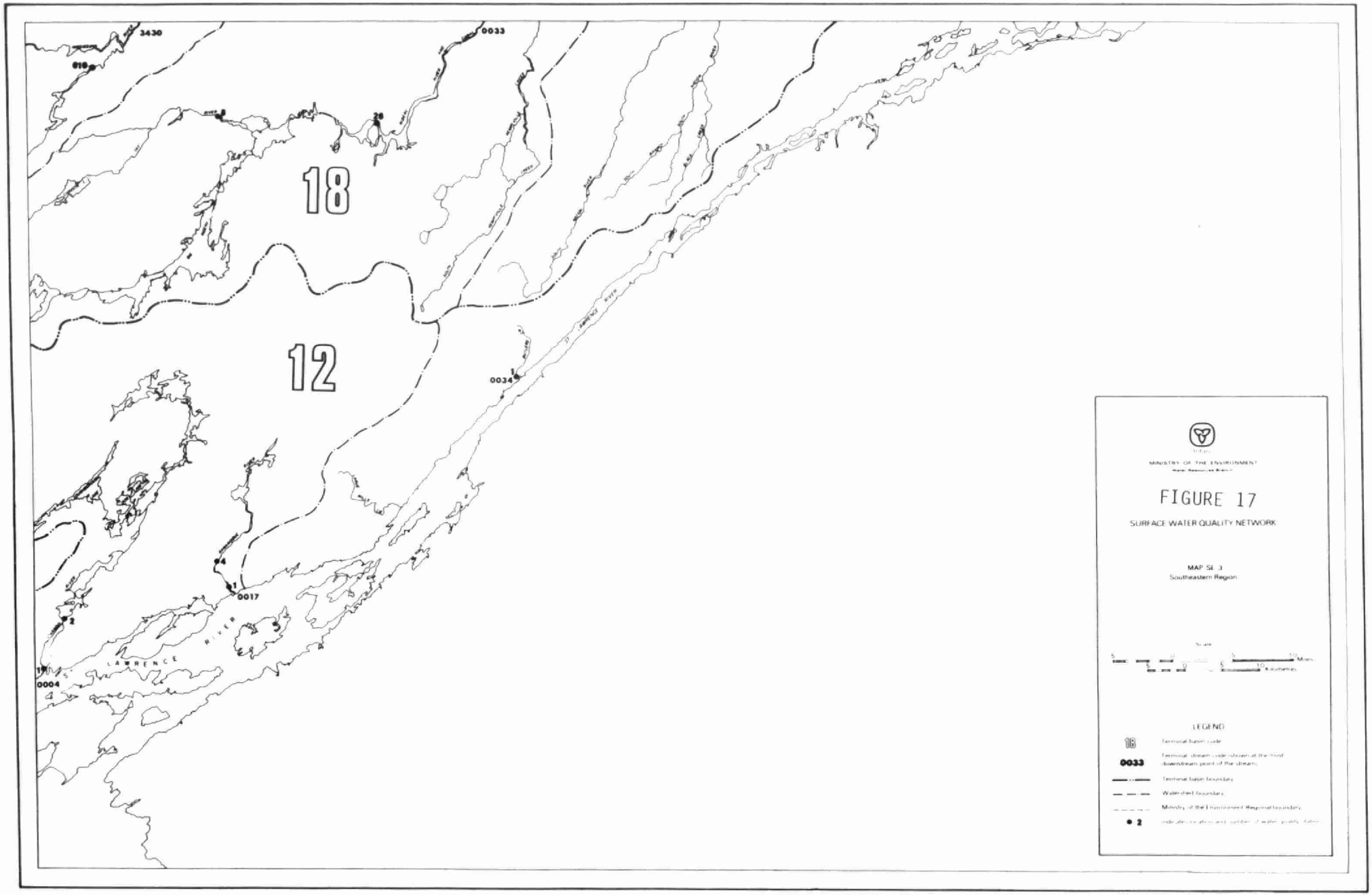

03
17
18
06
FIGURE 13
SURFACE WATER QUALITY NETWORK
MAP C 3
Central Region
LEGEND
Terminal basin code
0021
Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundaries
Ministry of the Environment Regional boundaries
indicates location and number of water quality stations
SOUTHEASTERN REGION
CENTRAL REGION
0021
0129
0130
0133
0139
0142
0146
0148
0151
0152

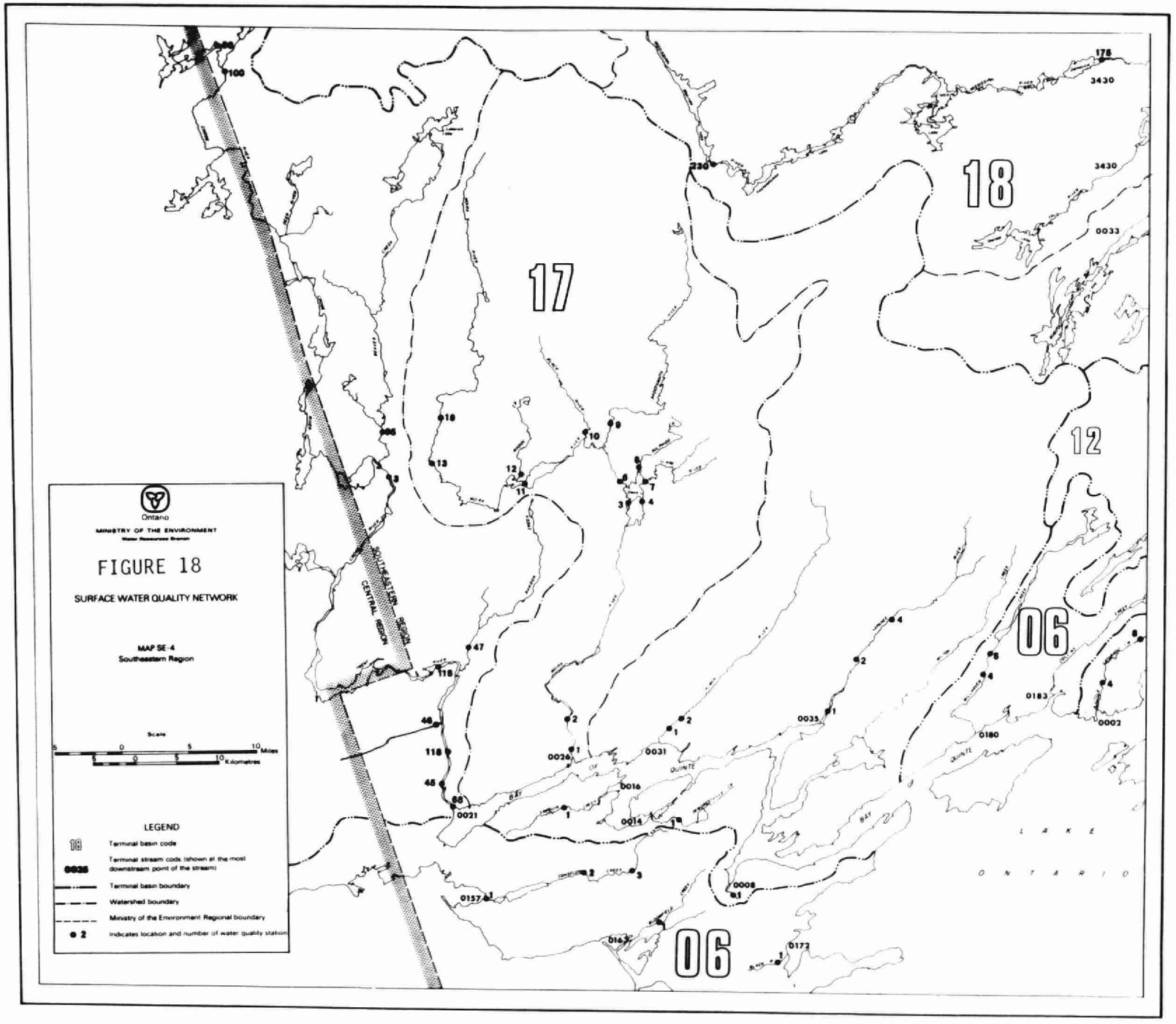
XX

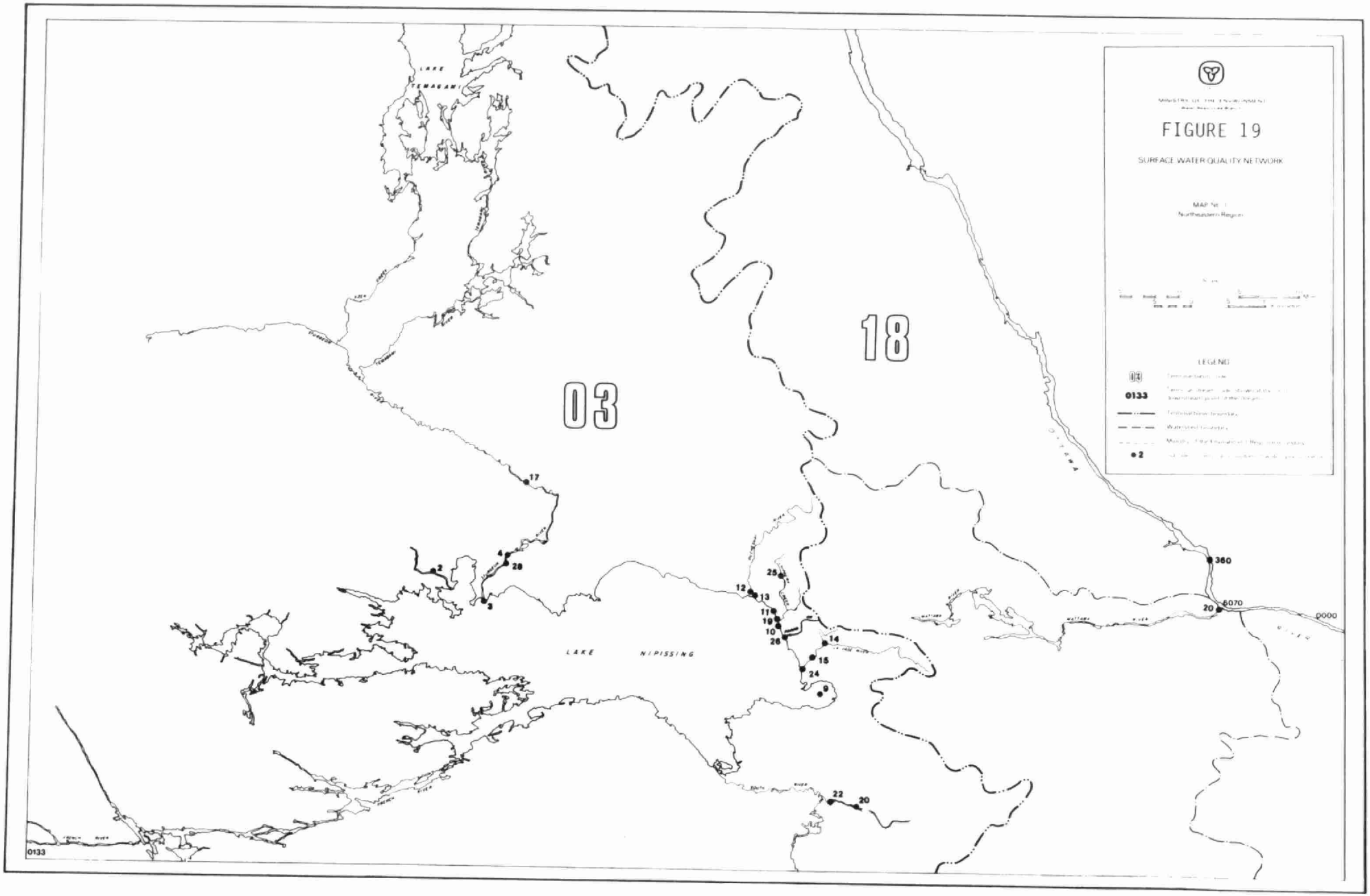

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MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 14
SURFACE WATER QUALITY NETWORK
MAP C-4
Central Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
03 Terminal basin code
0085 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station
NORTHEASTERN REGION
CENTRAL REGION
SOUTHEASTERN REGION
CENTRAL REGION
03
17
18
0082
0085
0021

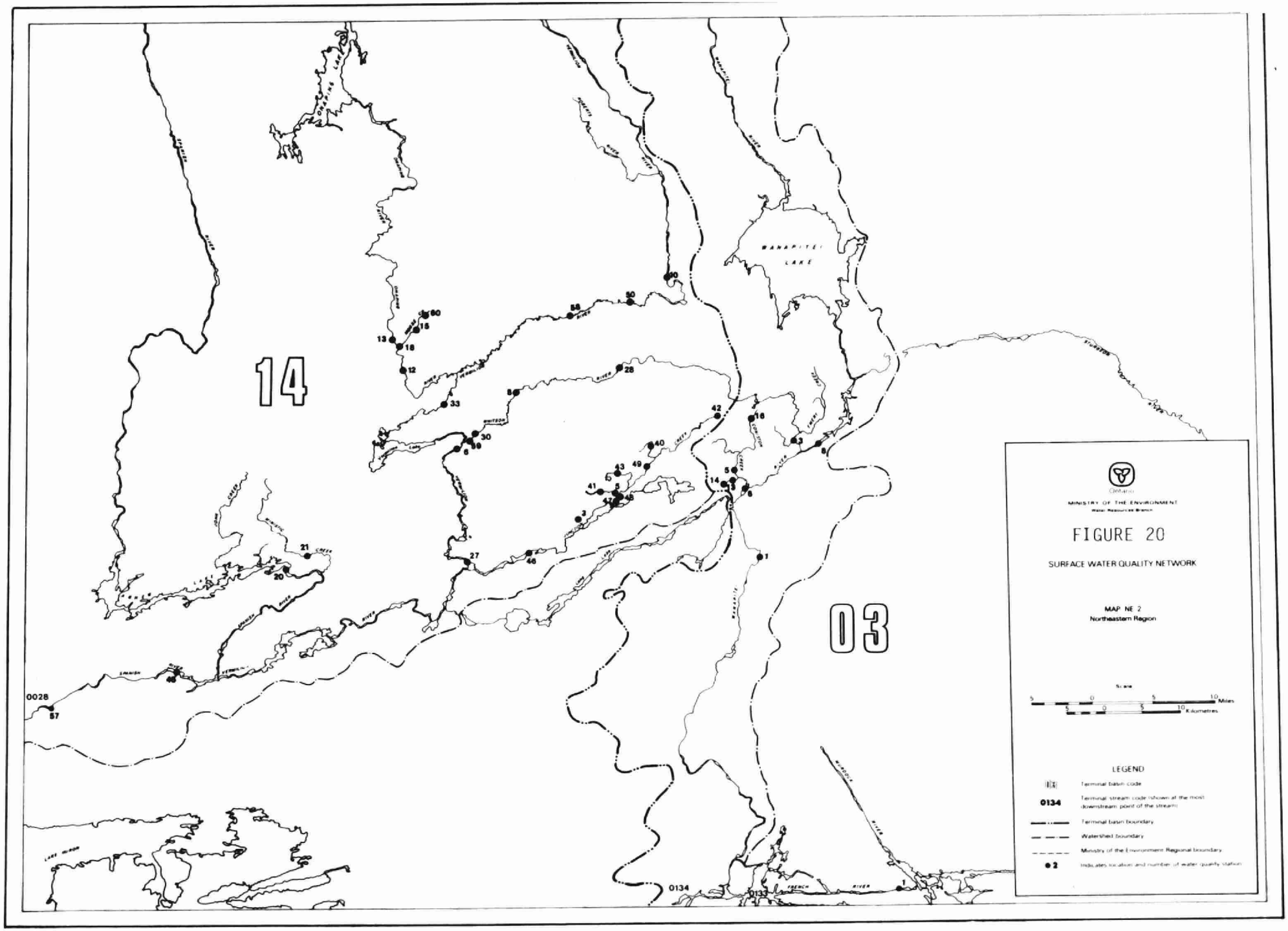

SEE INSET "A"
INSET "A"
18
0000
SOUTH EASTERN REGION
NORTH EASTERN REGION
4930
20
4810
18
2400
0000
3690
10
3490
3430
17
0021
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 15
SURFACE WATER QUALITY NETWORK
MAP SE 1
Southeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
18 Terminal basin code
4930 Terminal stream code (shown at the mouth (downstream point of the stream))
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
20 Indicates location and number of water quality station

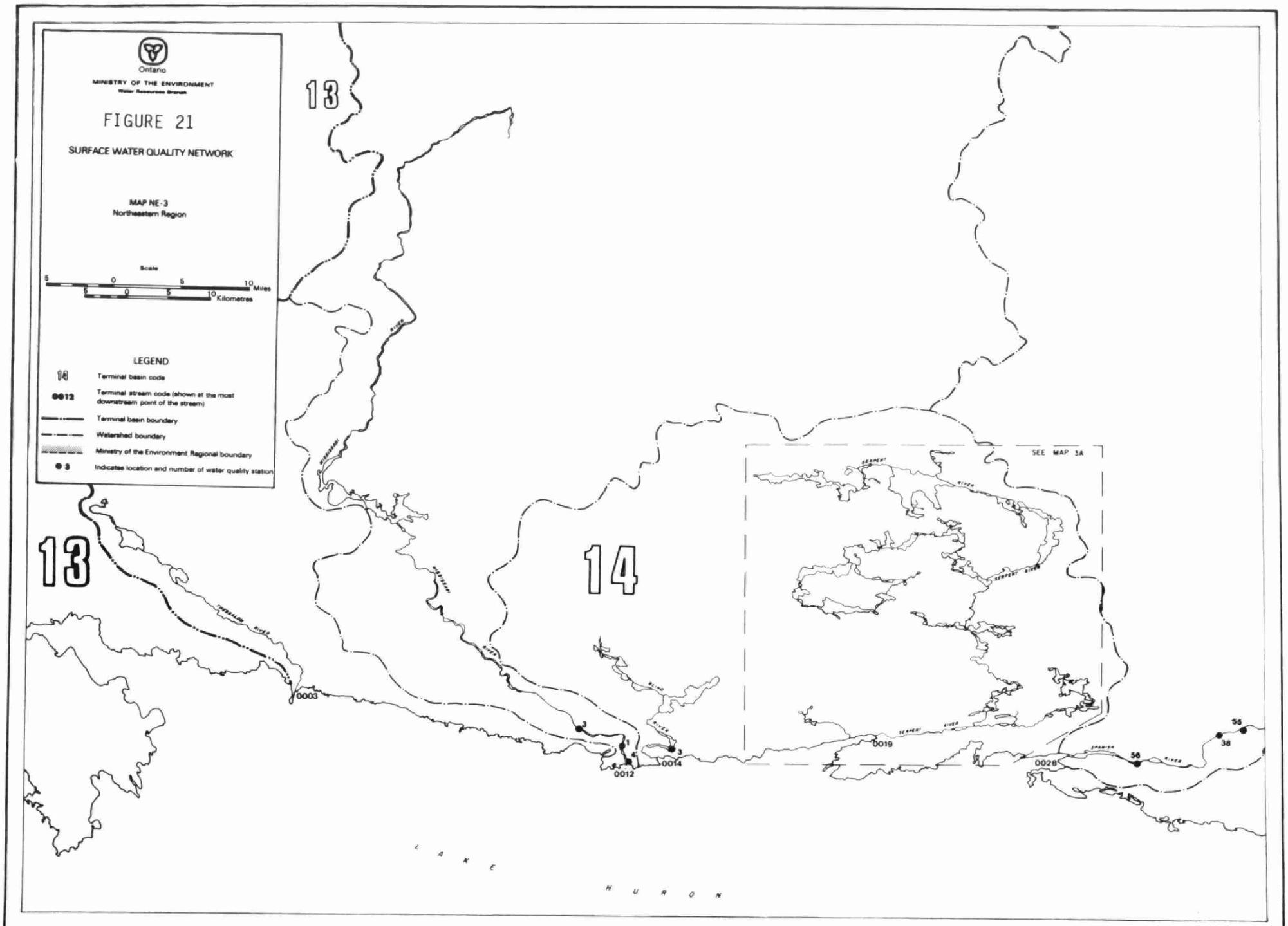

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 16
SURFACE WATER QUALITY NETWORK
MAP SE-2
Southeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
18 Terminal basin code
0033 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
20 Indicates location and number of water quality station
18
12
QUEBEC
3370
3490
3430
2590
2070
0033
0086
0073
530
520

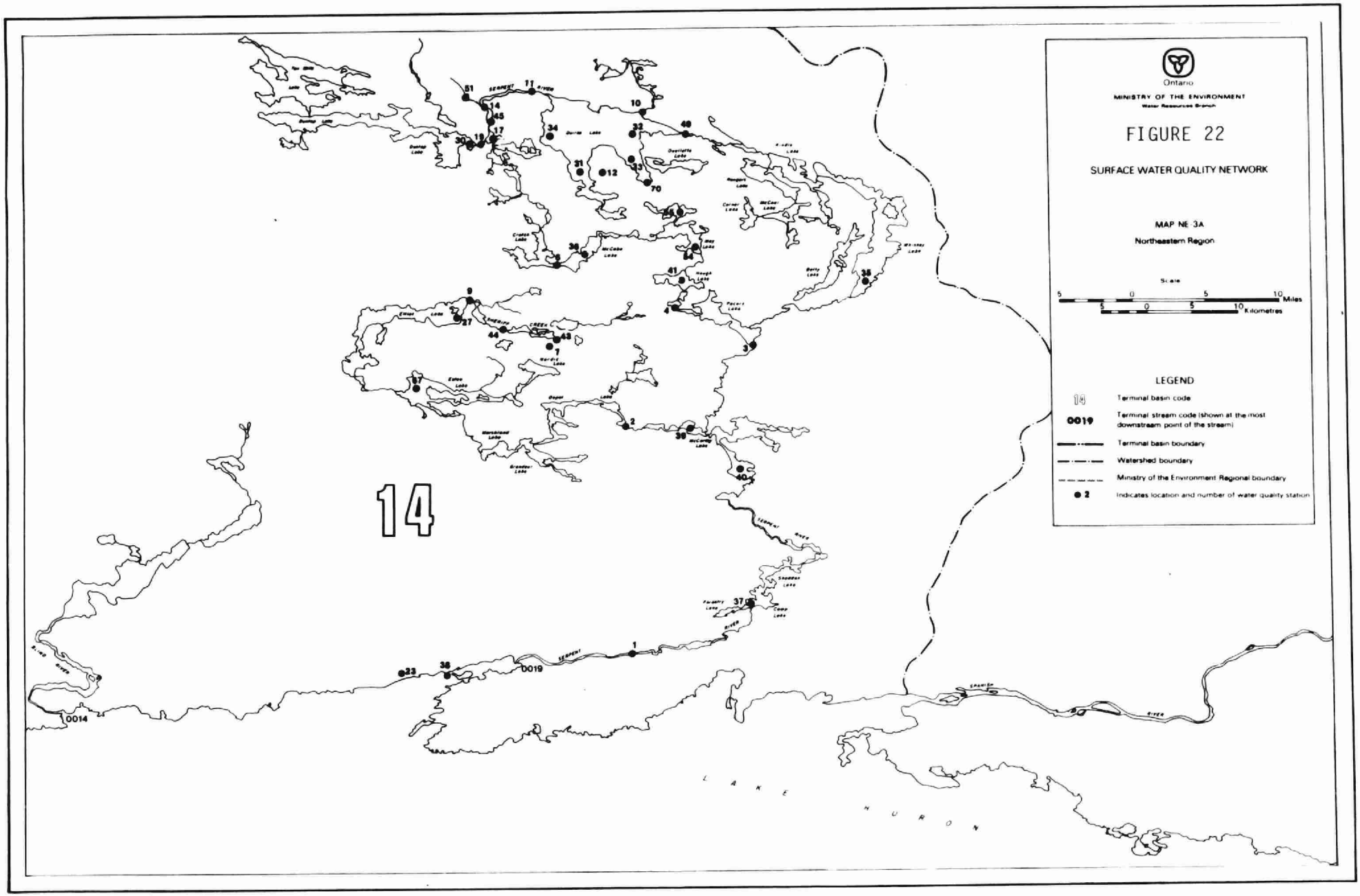

3430
0033
018
18
12
0034
0017
0004
LAWRENCE RIVER
MINISTRY OF THE ENVIRONMENT
FIGURE 17
SURFACE WATER QUALITY NETWORK
MAP SE 3
Southeastern Region
Scale
LEGEND
Terminal basin code
Terminal stream code shown at the most downstream point of the stream
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary

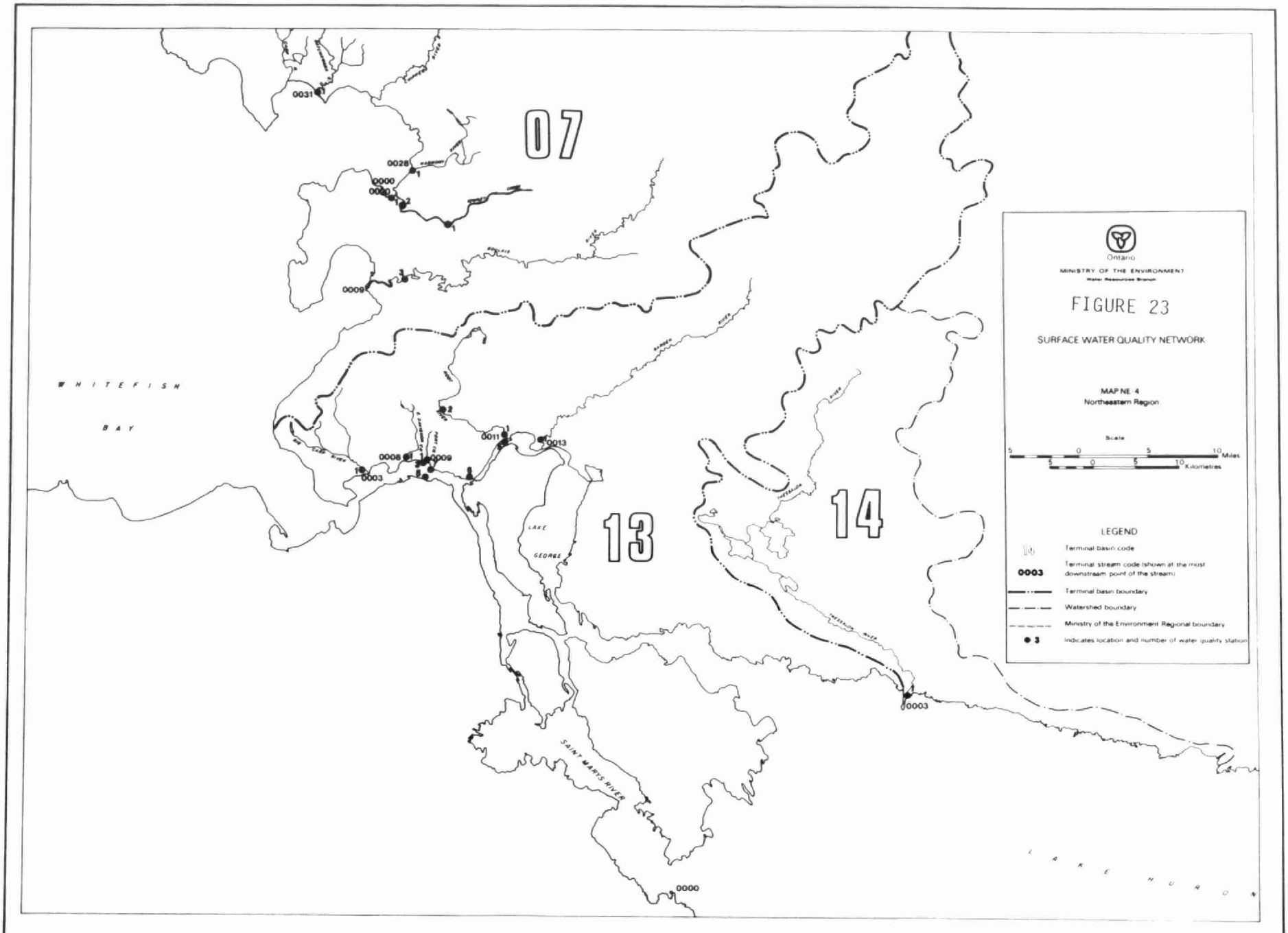

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 18
SURFACE WATER QUALITY NETWORK
MAP SE-4
Southeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
18 Terminal basin code
0035 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station
SOUTHEASTERN REGION
CENTRAL REGION
17
18
12
06
06
LAKE ONTARIO
BAY OF QUINTE
0035
0031
0026
0016
0014
0021
0183
0180
0002
0008
0157
0163
0172
3430
3430
0033


FIGURE 19
SURFACE WATER QUALITY NETWORK
MAP No. 1
Northeastern Region
LEGEND
03
0133
18
03
LAKE NIPISSING
LAKE TEMAGAMI
0133
360
6070
20
0000

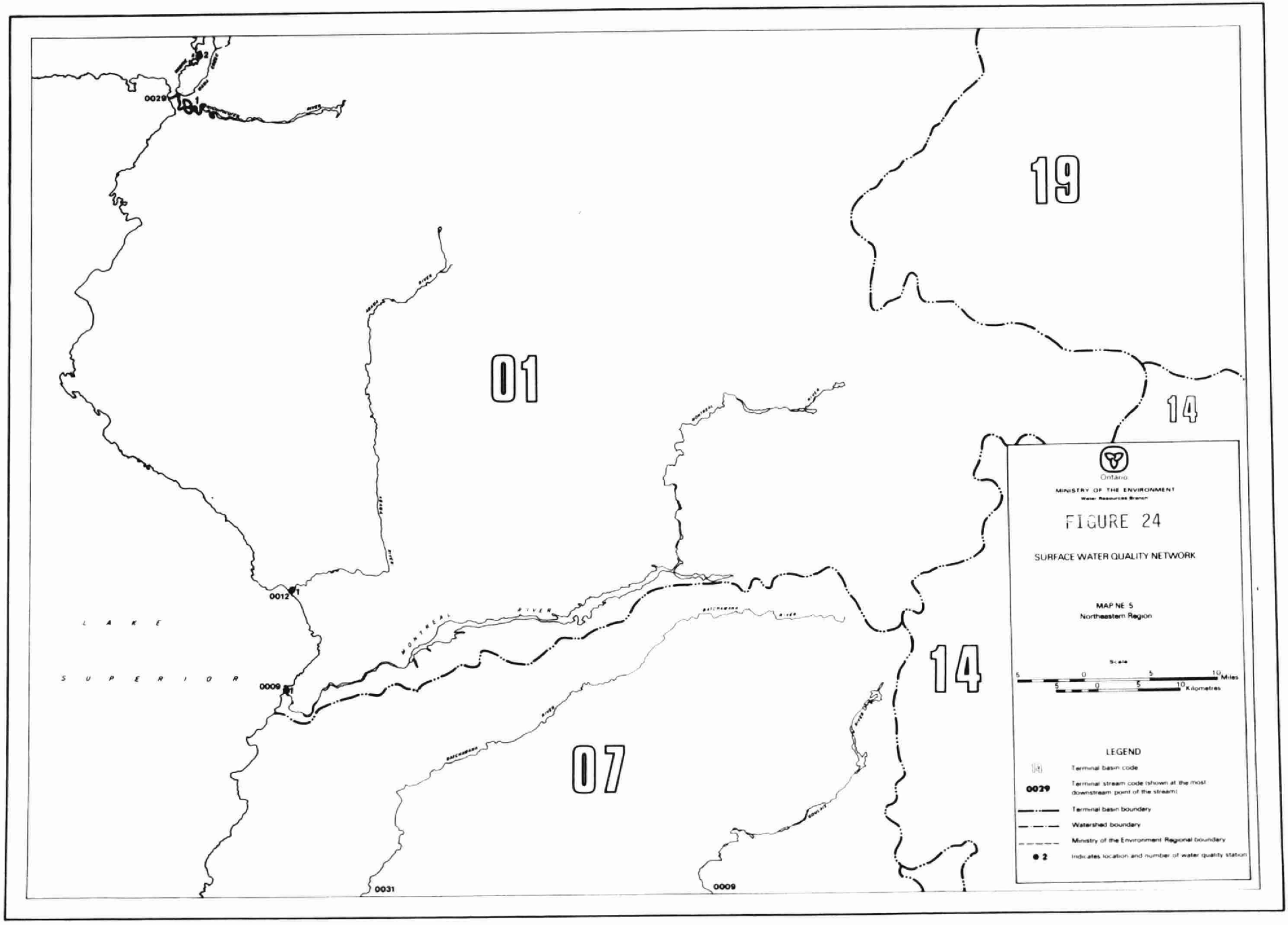

14
03
WANAPITEI LAKE
0028
0134
0133
FRENCH RIVER
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 20
SURFACE WATER QUALITY NETWORK
MAP NE 2
Northeastern Region
Scale
Miles
Kilometres
LEGEND
Terminal basin code
0134
Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station

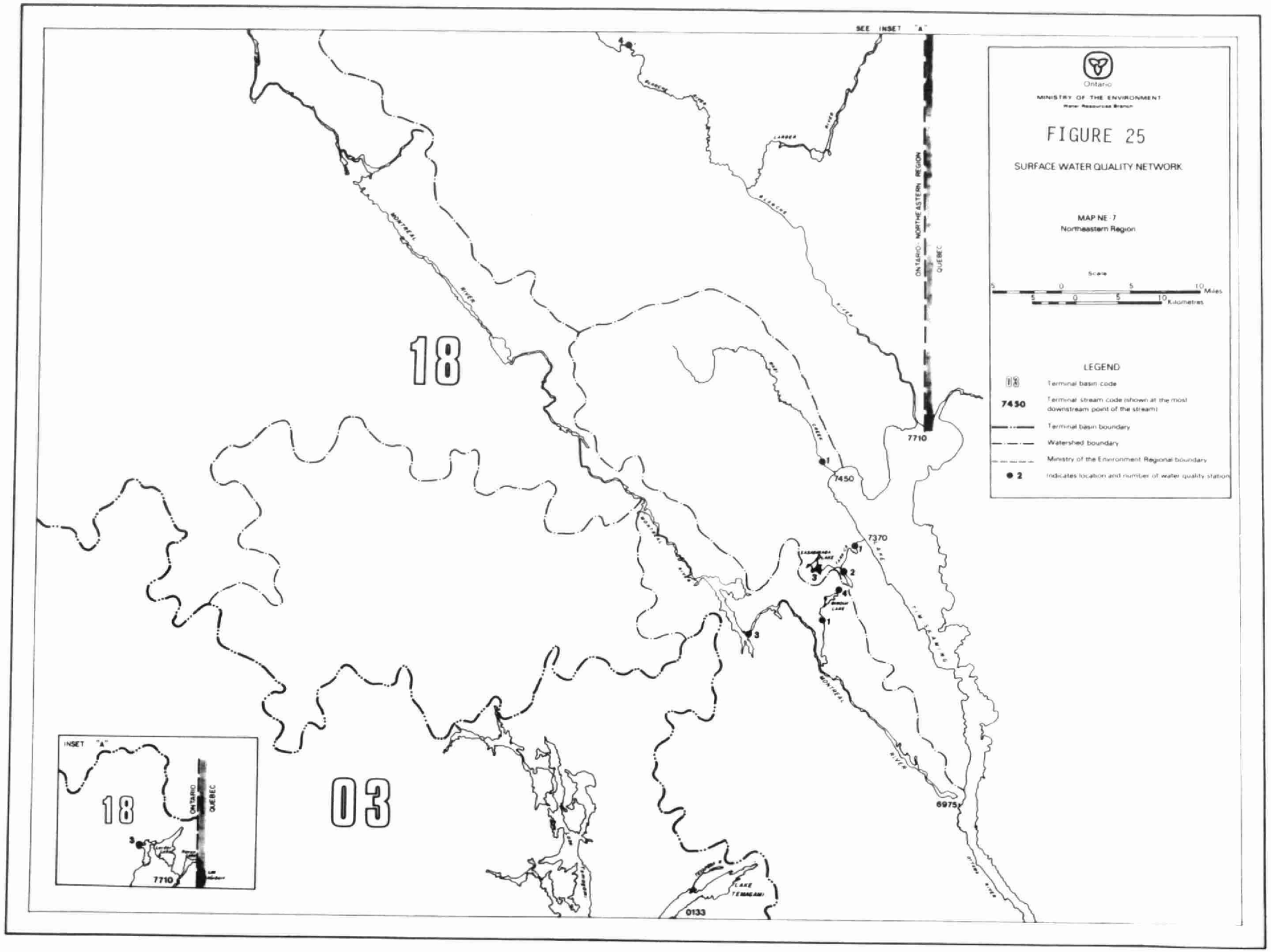

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 21
SURFACE WATER QUALITY NETWORK
MAP NE-3
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
14 Terminal basin code
0012 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
3 Indicates location and number of water quality station
13
14
SEE MAP 3A
0003
0012
0014
0019
0028
LAKE HURON

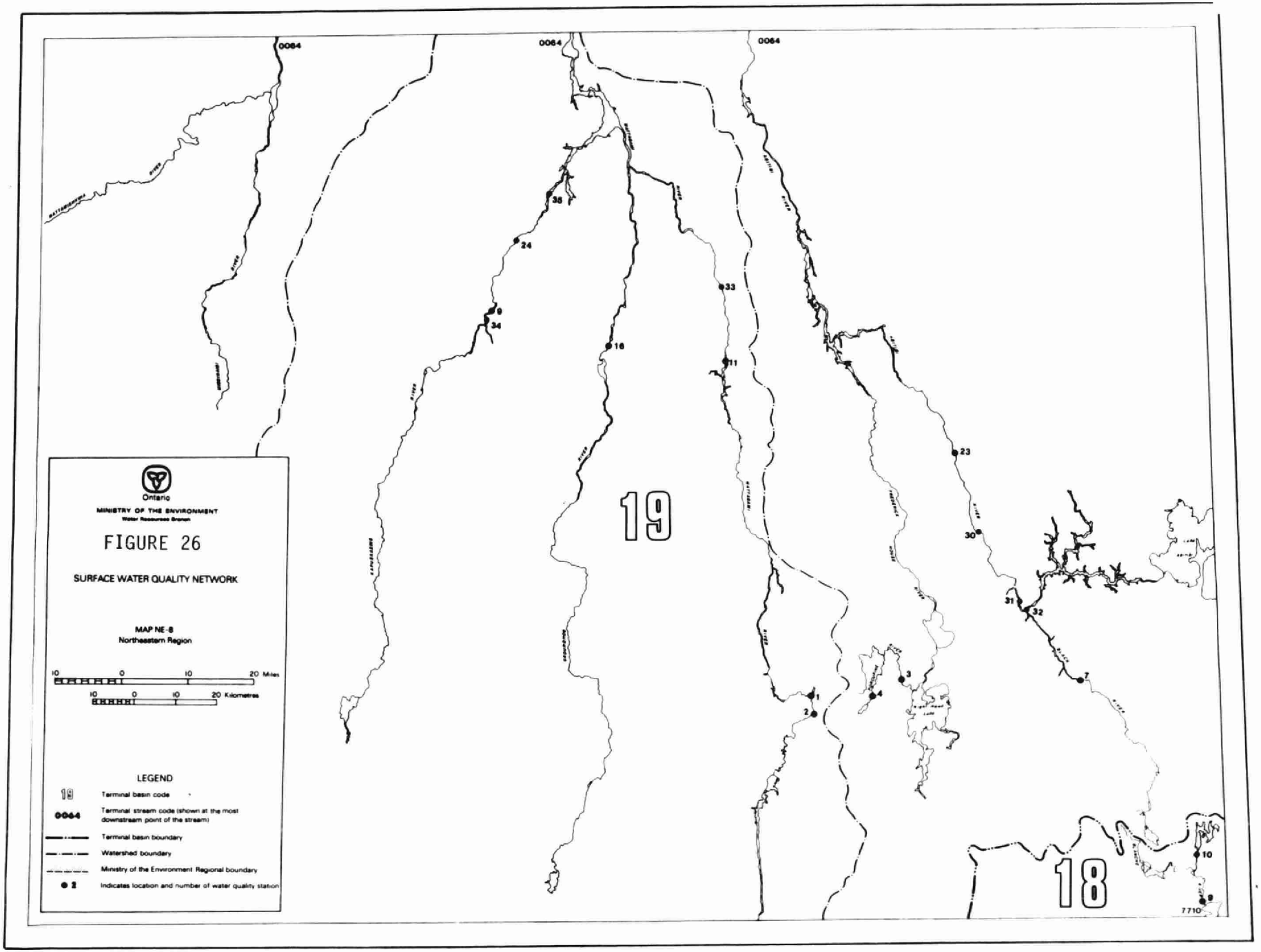

Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 22
SURFACE WATER QUALITY NETWORK
MAP NE 3A
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
14 Terminal basin code
0019 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station
14
0014
0019
LAKE HURON

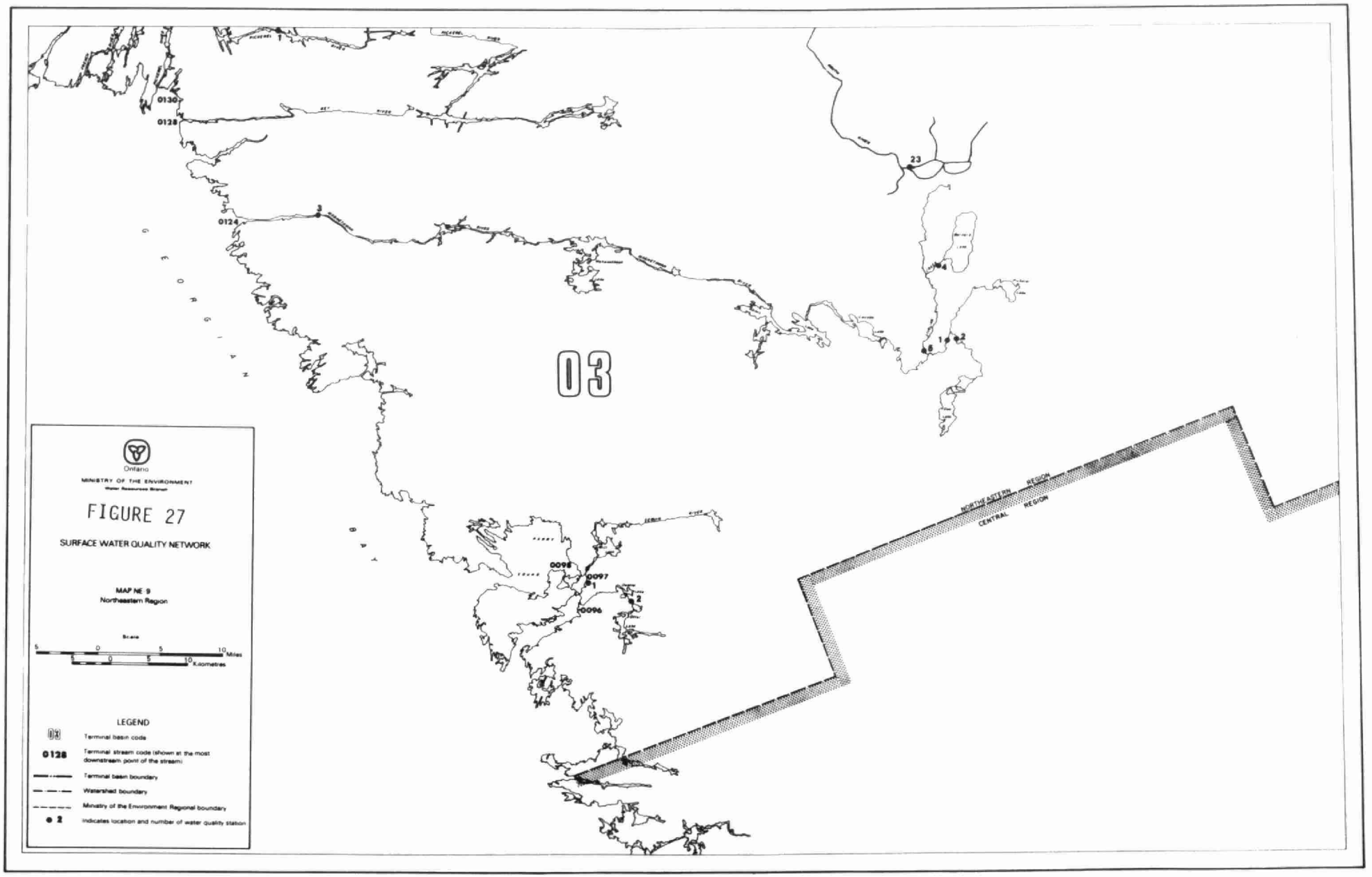

07
13
14
0031
0028
0000
0009
0011
0013
0008
0003
WHITEFISH
BAY
LAKE
GEORGE
SAINT MARYS RIVER
0000
0003
L A K E H U R O N
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 23
SURFACE WATER QUALITY NETWORK
MAP NE-4
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
Terminal basin code
0003 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 3 Indicates location and number of water quality station

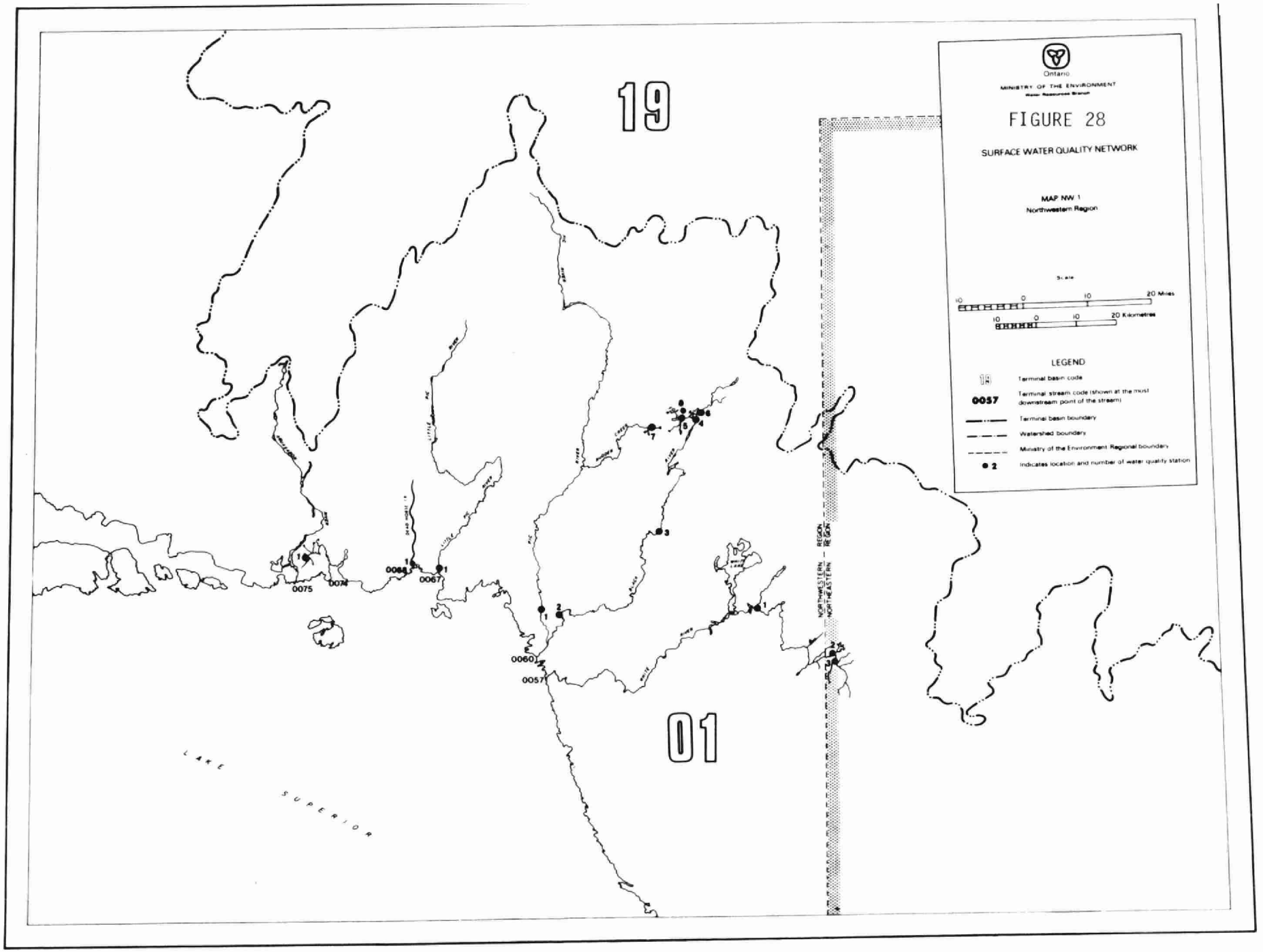
XXX


19
01
14
14
07
LAKE
SUPERIOR
MONTREAL
RIVER
0029
0012
0009
0031
0009
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 24
SURFACE WATER QUALITY NETWORK
MAP NE 5
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
Terminal basin code
0029 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station


SEE INSET "A"
ONTARIO - NORTHEASTERN REGION
QUEBEC
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 25
SURFACE WATER QUALITY NETWORK
MAP NE-7
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
03 Terminal basin code
7450 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station
18
03
7710
7450
7370
6975
0133
LAKE TEMAGAMI
INSET "A"
ONTARIO
QUEBEC

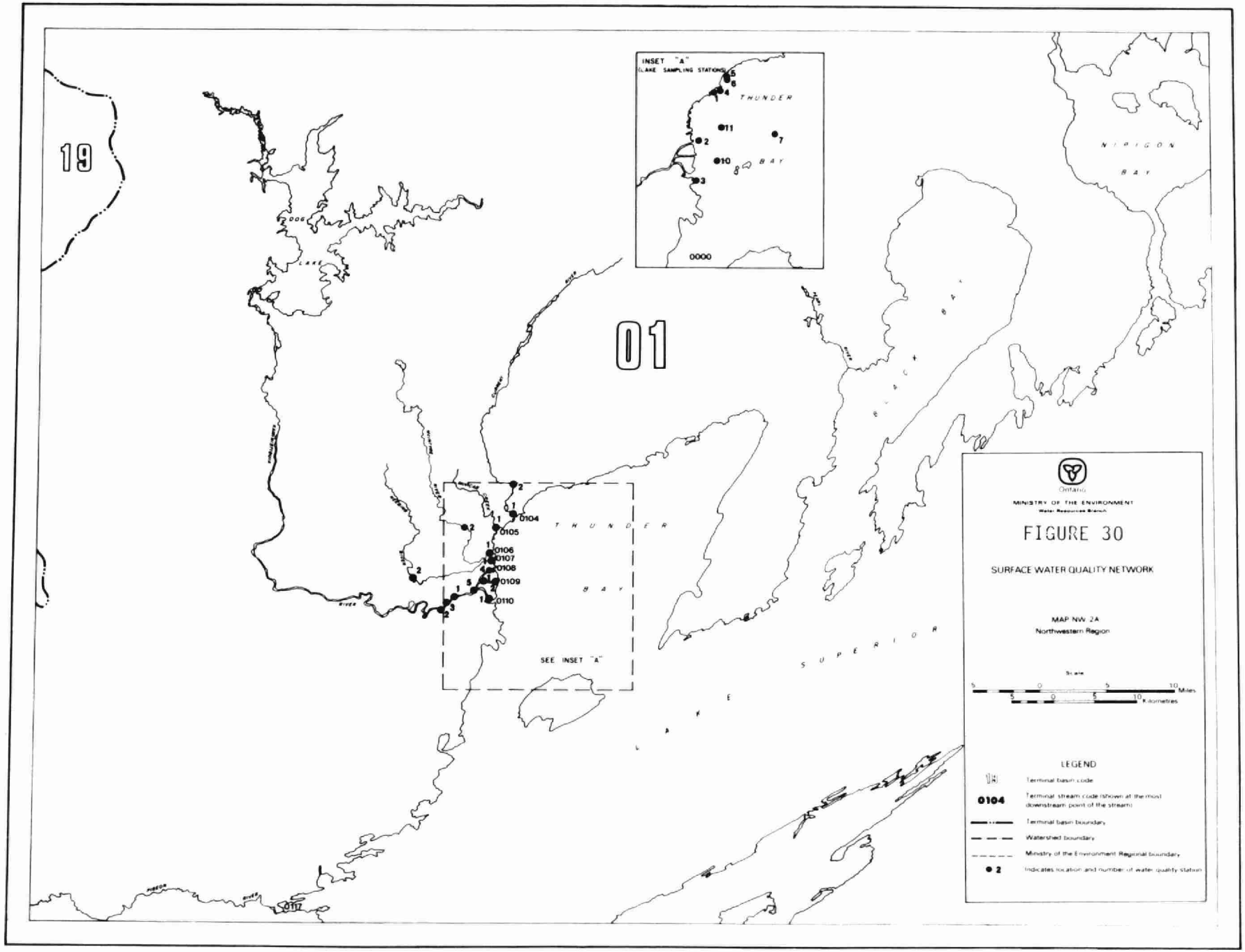

0064
0064
0064
19
18
38
24
9
34
16
33
11
23
30
31
32
7
3
4
1
2
10
9
7710
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 26
SURFACE WATER QUALITY NETWORK
MAP NE-8
Northeastern Region
10 0 10 20 Miles
10 0 10 20 Kilometres
LEGEND
19 Terminal basin code
0064 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station


03
0130
0128
0124
0098
0097
0096
23
NORTHEASTERN REGION
CENTRAL REGION
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 27
SURFACE WATER QUALITY NETWORK
MAP NE 9
Northeastern Region
Scale
5 0 5 10 Miles
5 0 5 10 Kilometres
LEGEND
03 Terminal basin code
0128 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
• 2 Indicates location and number of water quality station

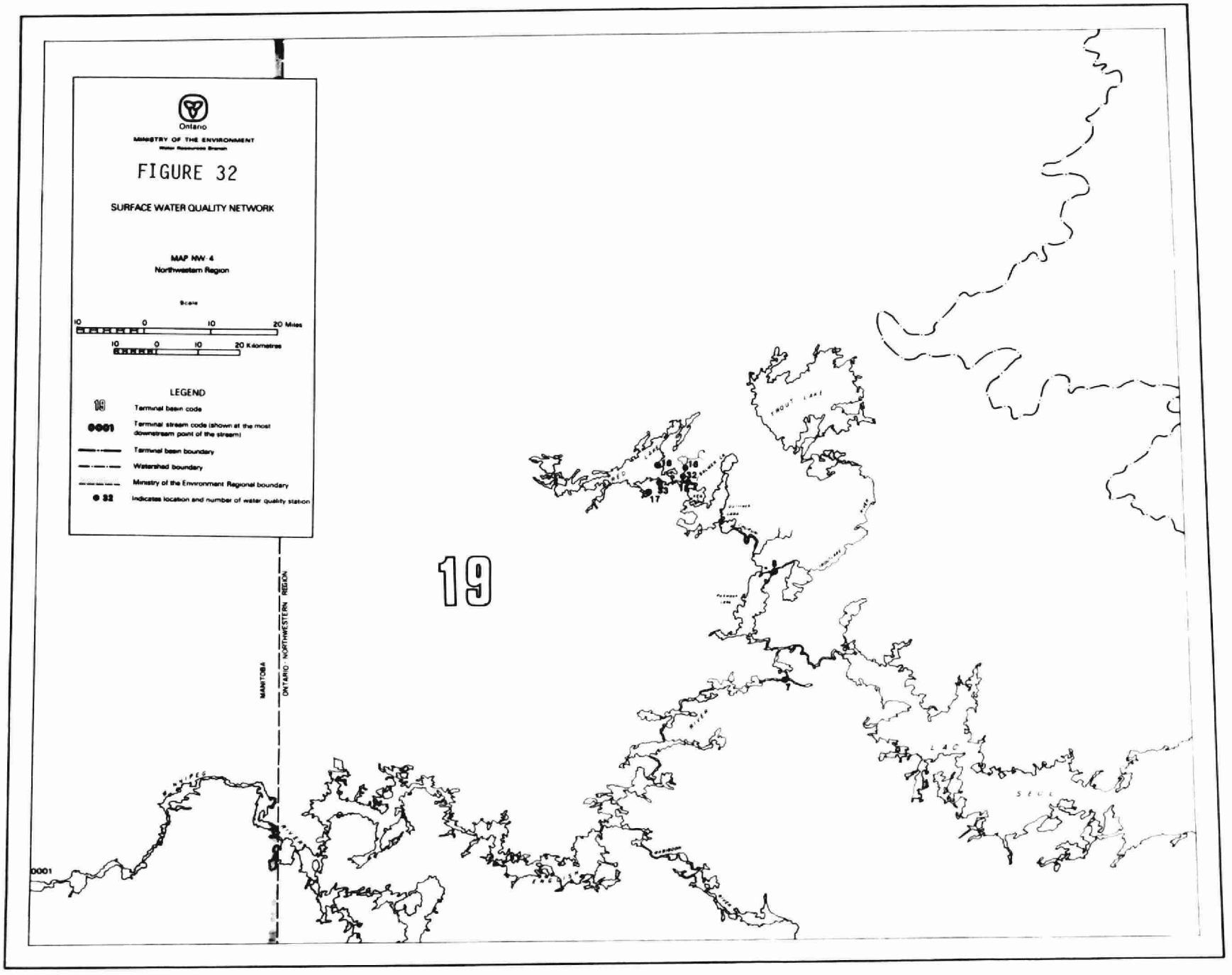

19
01
Ontario
MINISTRY OF THE ENVIRONMENT
FIGURE 28
SURFACE WATER QUALITY NETWORK
MAP NW 1
Northwestern Region
Scale
10 0 10 20 Miles
10 0 10 20 Kilometres
LEGEND
Terminal basin code
0057 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station
NORTHWESTERN REGION
NORTHEASTERN REGION
0075
0074
0068
0067
0060
0057
LAKE SUPERIOR

XXXVI

19
01
L A K E
N I P I G O N
0090
0092
0100
S U P E R I O R
L A K E
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 29
SURFACE WATER QUALITY NETWORK
MAP NW 2
Northwestern Region
Scale
10 0 10 20 Miles
10 0 10 20 Kilometres
LEGEND
18 Terminal basin code
0090 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
● 2 Indicates location and number of water quality station


19
01
INSET "A"
(LAKE SAMPLING STATIONS)
THUNDER
BAY
NIPIGON
BAY
SEE INSET "A"
0104
0105
0106
0107
0108
0109
0110
0112
SUPERIOR
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 30
SURFACE WATER QUALITY NETWORK
MAP NW 2A
Northwestern Region
Scale
Miles
Kilometres
LEGEND
Terminal basin code
Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
Indicates location and number of water quality station

0001
MANITOBA
ONTARIO - NORTHWESTERN Region
LAKE OF THE WOODS
19
0001
36
35
RAINY
RIVER
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 31
SURFACE WATER QUALITY NETWORK
MAP NW 3
Northwestern Region
Scale
10 0 10 20 Miles
10 0 10 20 Kilometres
LEGEND
19 Terminal basin code
0001 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
2 Indicates location and number of water quality station


Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 32
SURFACE WATER QUALITY NETWORK
MAP NW-4
Northwestern Region
Scale
10 0 10 20 Miles
10 0 10 20 Kilometres
LEGEND
19 Terminal basin code
0001 Terminal stream code (shown at the most downstream point of the stream)
Terminal basin boundary
Watershed boundary
Ministry of the Environment Regional boundary
• 32 Indicates location and number of water quality station
19
MANITOBA
ONTARIO - NORTHWESTERN REGION
0001
TROUT LAKE
LAC SEUL

The locations of the other stations in Ontario such as those located on the Great Lakes or those operated by the Water Quality Branch, Ontario Region, Environment Canada, are not included.

INTERPRETATION OF DATA

On the following pages the parameters measured in the Inland Water Quality Monitoring Program are defined. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November, 1978".

A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:

1. Stream dry
2. Frozen to stream bed
3. Stream in flood condition
4. Sampled through ice
5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal
9. Oil scum or floating matter
10. Objectionable odours.

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point. Streamflow is also a useful reference when comparing water quality data for different periods of the year (e.g. spring flood vs summer drought).

Flows in many of the streams sampled are measured by the Canada Department of Fisheries and Environment - Water Survey of Canada. In a number of other instances, they are obtained by Ontario Ministry of the Environment personnel.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g. dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life.

Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. ANALYSES AND MEASUREMENTS CONDUCTED AT THE LABORATORY

1. MICROBIOLOGICAL ANALYSES

Total Coliform

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and fecal mattter, and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Results are reported as MF count per 100 ml of sample.

Background Count

The background count estimates the number of organisms, other than coliforms, that occur in the total coliform analysis of a sample. The results are used in the interpretation of total coliform counts. High background counts are generally indicative of poor water quality.

Fecal Coliform and Fecal Streptococcus (Enterococcus) Organisms

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals.

Pseudomonas aerugenosa

Pseudomonas aeruginosa, are pathogens that can be readily isolated from sewage. These organisms can be frequently found in bathing waters and are the major etiological agent in otitis externa (ear aches) and other skin infections.

2. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential effects of pollutants on the concentration of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD_5) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at $20^{\circ}C$.

Total Phosphorus

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. This element is commonly found in nature in the form of inorganic phosphates and organically bound phosphorus. Total phosphorus includes orthophosphate, condensed phosphates and organically bound phosphorus in both the dissolved and particulate form. Untreated or treated sewage, some industrial wastes and agriculatural and urban drainage contain significant concentrations of phosphorus.

Although there is no firm criterion for phosphorus, it is generally considered that to prevent biological nuisances, total phosphorus should not exceed 0.03 mg/l in a flowing stream or 0.020 mg/l where waters enter a lake or standing body of water.

Filtered Reactive Phosphate

Filtered reactive phosphate is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolized phosphate primarily in the dissolved form.

Filtered reactive phosphate is generally considered to be readily available for aquatic plant growth.

Filtered Ammonia Nitrogen

Filtered ammonia nitrogen (ammonia NH_3 + ammonium NH_4^+) is the soluble product in the anaerobic decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia nitrogen may be taken out of the atmosphere by rain water.

Rivers which are considered unpolluted generally have filtered ammonia levels of less than 0.1 mg/L.

Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl nitrogen concentration, less the ammonia nitrogen concentration, gives a measure of the organic nitrogen present.

Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization. In unpolluted rivers, the normal range for total Kjeldahl nitrogen is 0.1 to 0.5 mg/L.

Filtered Nitrite

Nitrite is an intermediate oxidation product of ammonia and also an intermediate form in the denitrification process from nitrate to nitrogen gas. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present).

Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate is the end product of the stabilization of organic nitrogen which occurs primarily through aerobic biochemical processes. Nitrate is usually found in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in water-courses intercepting drainage from fertilized agricultural areas.

Nitrogen in the form of nitrate is readily utilized by aquatic plants and algae. In unpolluted rivers, the nitrate nitrogen concentration is generally less than 0.5 mg/L.

Inorganic Nitrogen

Inorganic nitrogen is a calculated value and represents the sum of the concentrations of filtered ammonia nitrogen and filtered (nitrate + nitrite) nitrogen.

Organic Nitrogen

Organic nitrogen is a calculated value and represents the difference of the concentrations of total Kjeldahl nitrogen and filtered ammonia nitrogen.

Total Nitrogen

Total nitrogen is a calculated value and represents the sum of the concentrations of total Kjeldahl nitrogen and filtered (nitrate + nitrite) nitrogen. Nitrogen is a common constituent of decomposition products, treated sewage, fertilizers and industrial discharges. Nitrogen compounds are present in most plant and animal materials.

Solids

Total, suspended and dissolved solids are presented as separate parameters in this report. The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics. Suspended solids can also transport significant quantities of organic and inorganic trace contaminants.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimetre. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity.

Conductivity serves as a control parameter and is an excellent indicator of water-quality changes since it is relatively sensitive to variations in dissolved-solids concentrations.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light.

Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. Often some of the suspended matter has to be removed to prevent interference with disinfection processes and abrasion to equipment. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharge, municipal storm drainage, road salting, and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition to imparting an objectionable taste to water, high chloride levels are responsible for increased corrosiveness of water. Furthermore, chloride, being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under anaeorbic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

High concentrations (between 150 and 500 mg/l) in drinking water may be cathartic to humans.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric acid, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics, abrasives, enamels, petroleum products, etc.

In concentrations found in natural or treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms.

The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Silicon (Si). Data in this series of publications prior to 1975 were reported as Silica (SiO_2).

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulfite waste liquors. It may also be affected by atmospheric inputs.

Acidity is best interpreted in conjunction with the pH and alkalinity, as well as any other analyses which identify the acidic components of water.

Filtered Alkalinity

Alkalinity is a measure of a water's capacity to neutralize an acid. The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices. Waters with high alkalinity are undesirable because of their associated excessive hardness.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25^{o}C.

The pH is important in determining the treatment of water supplies.

Total Iron

Iron is one of the most abundant elements in the earth's crust and it is a constituent of many industrial wastes.

When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates), ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life. Iron in water may also result in the growth of iron bacteria causing unpalatable tastes, discolouration of clothes and plumbing fixtures, and the formation of scales in water mains.

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrene method. The results are reported in micrograms per litre. Phenols are present in waste flows from many industrial processes and may also be released from aquatic plants and decaying vegetation.

Depending on the concentration, the presence of phenolic compounds may be toxic to fish, or may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Water hardness relates to a water's capability to produce lather from soap. The higher the hardness, the less lather will be formed. Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters; excessive soap consumption in home and commercial laundering; and adverse affects in textile, plating and canning industries.

Results appear under either the heading "Hardness" or "Calculated Hardness", depending on the anlaytical procedure. The former results are obtained through titration with EDTA (ethylenediaminetetra-acetic acid), the latter by calculation from magnesium (Mg) and calcium (Ca) results determined by AAS (Atomic Absorption Spectrophotometry).

Calcium

Calcium is relatively abundant in the earth's crust and readily soluble in water so that calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and may be contained in sewage and industrial wastes.

Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water. The calcium ion is a major contributor to hardness and is often responsible for boiler scale deposits on cooking utensils and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Magnesium

Magnesium is an abundant element and a common constituent of natural waters. Magnesium ranks with calcium as a major cause of hardness.

The effects of magnesium in water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds, and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from industries, such as steelworks, mining, refining, pulp and paper, chemicals, and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable from aesthetic considerations.

Potassium

Potassium occurs in many minerals and potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaporation.

Although in limited concentrations potassium is an essential nutrient, excessive amounts of certain potassium salts in drinking water have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium

and magnesium ions for sodium. Sodium is also found in many industrial process effluents, domestic wastes and salts used in road de-icing.

The presence of sodium salts in drinking water may present a health hazard to a person with circulatory, renal and cardiac problems and may cause digestive problems in animals and otherwise healthy human beings. Concentration of salts such as sodium chloride impart objectionable tastes and may render water unpalatable.

Total Organic Carbon (TOC)

Total organic carbon (TOC), the most significant carbon measurement from a water-quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon usually has a direct relationship with Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) values, but the relationship varies with the composition of the organic material present. The carbon tests are rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, and greases, resins, etc. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic may occur to a small extent naturally, mostly as sulphides and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream of waste-water discharges from metal smelting operations.

Arsenic is very toxic to humans and the trivalent forms are largely retained in the body tissues. Low concentrations of arsenic stimulate plant growth but higher concentrations destroy chlorophyll in the foliage.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS. Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is cumulative and toxic to humans, and can be concentrated and transferred up the food chain to a point where commercial and

game fish may become unsuitable for human consumption. Micro-organisms can methylate inorganic mercury under both aerobic and anaerobic conditions to produce a more toxic substance.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Aluminium in a public water supply is not considered a public health problem, since no evidence has been found to prove that aluminium in water supplies is harmful to human beings.

Chromium

Few waters contain chromium from natural sources since chromium is generally present in rocks and soils as insoluble chromic oxide which is strongly sorbed to particulate matter. Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminium, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other substances. Chromic or chromite salts on the other hand, are used much less extensively being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of the foregoing industries or may be discharged in chromium-treated cooling waters where the chromium is used as a corrosion inhibitor.

There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis. Both the chromic and chromate ions are toxic to plants and interfere with the uptake of essential elements.

Copper

Copper salts occur in natural surface waters in trace concentrations and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth and in the treatment of soils as a fungicide and a pesticide.

Copper compounds are toxic to plants and aquatic life. Prolonged ingestion may cause liver damage in man.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust. Certain lead salts, such as acetate and chloride, are readily soluble. However, lead which occurs in the carbonate, hydroxide and sulphate forms is sparingly soluble and will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably. Studies on fish indicate that in water containing lead salts, a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation. The toxic effects of lead on fish decreases with increasing hardness and dissolved oxygen.

Total Cadmium

In the elemental form, cadmium is insoluble in water. It occurs in nature largely as a sulphide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are cumulative and highly toxic to man having been implicated in some cases of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea. Cadmium affects reproduction in fish and zooplankton; however, the toxic effects vary with species and time of exposure.

Total Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension.

Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply. Zinc is toxic to aquatic organisms and its toxicity decreases with increasing hardness.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and chloride salts of manganese and is leached, along with iron, into ground and surface waters. Its presence like iron, may indicate domestic or industrial pollution.

Water with high manganese content is undesirable for its taste, colour and tendency to form deposits on cooking utensils.

Total Nickel

Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Contact with nickel salt solutions may result in dermatitis and repeated inhalations of nickel compounds can cause lung cancer. Levels of 0.1 mg/l have been reported to adversely affect plant life.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may naturally occur in detrimental concentrations in ground waters.

A condition known as "mottled enamel" (dental fluorosis) may occur when the concentration of fluoride ion in drinking water is in excess of 1.0 mg/L; however, small quantities have proven to be beneficial in reducing tooth decay. Excess concentrations affect animal breeding efficiency and may have detrimental effects on some plants.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning of various metals, and in electroplating processes and other chemical industries.

Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobaltite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animal and plant nutrition. It is known to be one of the main constituents of Vitamin B_{12}. Adverse effects due to cobalt are very slight even at high concentrations. No limits have been set on the maximum acceptable concentration for cobalt in domestic water supplies.

3. RADIOCHEMICAL ANALYSES

All elements are made up of atoms, each of which consists of a central nucleus surrounded by a number of electrons. Some nuclei are radioactive; they emit excess energy in the form of ionizing radiation as a result of nuclear disintegrations. The three types of ionizing radiations which are of principal interest in environmental studies are referred to as alpha, beta and gamma radiations.

1. Alpha rays are streams of fast moving helium nuclei. These are particles which can travel only a few centimetres in air and can be stopped by a sheet of paper or a layer of skin.

2. Beta rays are streams of fast moving electrons which are very much lighter than helium nuclei. The maximum range of most common beta rays is a few metres in the air or one to two centimetres in the human body.

3. Gamma rays are highly penetrating electromagnetic radiation of the same family as radio waves and x-rays. Like x-rays, gamma mass rays can pass right through the human body.

The number of nuclear disintegrations occurring in a substance per second is a measure of its radioactivity. The unit of radioactivity used in this report is the curie (Ci). One curie of radioactivity is defined as 3.7×10^{10} disintegrations per second (dps). Thus, one microcurie equals 3.7×10^{4} dps, and one picocurie equals 3.7×10^{-2} dps, or 2.22 disintegrations per minute. Radiological half life is the length of time required for one half of the unstable atom to disintegrate or change (ie. radioactive decay).

Exposure to radiation is characterized by the transfer of energy to molecules of the cells which make up body tissues and organs. This can affect the normal function of the cells, resulting in damage to the tissues and organs. Exposure to the small doses of radiation which might be encountered in the environment will not result in immediate detectable damage; however, long-term effects may result. These effects are an apparently random occurrence of induced cancers and genetic defects in a small proportion of the exposed population. The numbers of effects induced are considered to be directly proportional to the amount of absorbed radiation.

Gross-alpha

Gross-alpha is a measure of the total radioactivity of all the alpha emitting materials in a sample. Measurements of gross-alpha activity provide useful reference points to enable trends to be detected. However, the results cannot be used to determine radiation dose or health effects since the short range of alpha particles means that some will not be detected, thereby causing an underestimation of the total activity. Also, the alpha particles may be emissions from a mixture of materials that are radiologically and biologically different.

Gross-beta

Gross-beta is a measure of the total radiation of all the beta emitting materials in a sample. Measurements of gross-beta activity provide useful reference points to enable trends to be detected but cannot be used to determine radiation dose or health effects.

Radium-226

Radium-226 is a naturally occurring alpha-particle emitter formed from the decay of uranium-238 and has a radiological half life of 1602 years.

Uranium-total

Total uranium exists primarily as the isotope uranium-238 with less than 1% occurring as uranium-235. Uranium is a naturally occurring alpha-particle emitter which was formed at the same time as the earth (about 5×10^9 years) and is still present in significant quantities due to its extremely long radiological half-life (4.5×10^9 years).

Cesium-137

Cesium-137 is a beta-particle emitter formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-137 is readily absorbed and retained by biological systems. Its radiological half life is 30 years.

Cesium-134

Cesium-134 is a beta-particle emitter also formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-134 is of less importance than Cesium-137 as its radiological half-life is only 72 hours.

Cobalt-60

Cobalt-60 is primarily formed in atomic reactor operation due to the neutron activation of trace quantities of cobalt-59 found in steel. Insignificant quantities are also formed from nuclear weapons detonation. Cobalt-60 has a radiological half life of 5.3 years and emits both beta and gamma radiation.

4. SYNTHETIC ORGANIC ANALYSES

The synthetic organic compounds referred to in this section are classified as pesticides and industrial chemicals. These compounds contain linked carbon atoms in their chemical structure and are, for

the most part, synthesized from common chemicals. Furthermore they may be subdivided into chemical families of compounds sharing common characteristics. For example, organochlorine compounds (chlorinated hydrocarbons) contain chlorine, hydrogen and carbon in their structure; they have a tendency to accumulate in the fatty tissues of animals and are stable compounds (i.e. persistent).

Until recently, only a few classes of compounds such as drugs, food additives and pesticides were controlled by legislation. For example, the only pesticides which may be offered for sale in Ontario are those which have been registered under the authority of the Pest Control Products Act which is administered by Agriculture Canada. The term pesticide includes insecticides, herbicides and fungicides which are chemical compounds used to control insects, weeds or fungi (i.e. "pests") that attack crops, animals and man. In contrast to the regulation of pesticides, thousands of unregistered synthetic organic chemicals are in daily use as raw materials, products and additives. Very little is known about their possible health and environmental effects because of their sheer number and diversity of use. Many are not hazardous, but the adverse effects already encountered by some have created concern for preventative measures of both known and potentially hazardous substances.

Polychlorinated Biphenyls (PCBs)

PCBs are a range of industrial chemicals produced by direct chlorination of biphenyl. The North American products in this family are sold under the name Arochlor. Arochlors are characterized by a four digit number (e.g. Arochlor 1242, Arochlor 1254 of which the last two digits refer to the weight percentage of chlorine in the products. There are 208 possible compounds which could be formed by this reaction. Each product is a different mixture of up to 100 of these, each with its own unique physical, chemical and biological properties.

The main characteristics of PCBs are their chemical, physical, biological inertness and electrical insulating properties. They have been widely used in transformers, capacitors, as heat exchange fluids, plasticizers, in inks, paint, lubricants, and many other products. Spills and waste disposal practices have resulted in very large inputs of these chemicals to all facets of the environment.

PCBs are lipophylic and thus continuing environmental inputs have led to biological uptake and concentration. Of particular concern are the excessive levels detected in some fish. Levels in water and air to date have not demonstrated a threat to human health, as might arise from fish consumption. PCBs have been shown to be both acutely and chronically toxic, carcinogenic and teratogenic. Limits for human consumption have been set based on tests on monkeys and rats. The present acceptable level for PCBs in fish is 2.0 ppm. However, for protection of the fisheries resource from reproductive failure, 0.1 ppm have been suggested. Long-term use of PCBs, at elevated temperatures, and inefficient incineration of these materials have been shown to produce the highly toxic chlorodibenzofurans, closely related to dioxins.

Trichlorophenoxyacetic Acid (2,4,5-T)

2,4,5-T is a chlorophenoxy acid herbicide. Other members of this family include 2,4-D and 2,4,5-TP which were introduced as selective weed killers at the end of World War II. Their uses include weed control in cereal crops, lawns, along roadsides, hydro and railroad rights-of-way and control of aquatic weeds.

The human toxicity of these herbicides is low; effects on farmstock and wildlife from current environmental levels would appear to be negligible and no discernible toxic effects have been reported in fish at levels below 100 mg/L.

However, 2,3,7,8-tetrachlorodibenzodioxin (TCDD), an extremely toxic compound, has been detected in 2,4,5-T formulations as a by-product of its manufacture, thus raising doubts as to the human safety of

the use of 2,4,5-T, and the related herbicide 2,4,5-TP (Silvex). A tolerance level of 0.1 ppm 2,3,7,8-TCDD in 2,4,5-T formulation has been set, but the adequacy of the safety factor is still under discussion.

Pentachlorophenol (PCP)

Pentachlorophenol is used as a herbicide, defoliant, insecticide, fungicide and wood preservative. The salts, esters and ethers of PCP are also effective herbicides.

PCP is considered relatively toxic to wildlife and fish and its presence in water can cause tainting of fish flesh, reducing its palatability. PCP can be harmful to man if inhaled or absorbed through the skin. There is no known antidote to PCP poisoning.

In addition to its inherent toxicity, a further problem is posed by the presence of high chlorinated dioxins, (octachlorodioxin, heptachlorodioxin, hexachlorodioxin) in PCP formulations. Whilst considerably less toxic than 2,3,7,8-TCDD (tetrachlorodibenzo-dioxin), it has been suggested that these compounds may degrade to 2,3,7,8-TCDD under the influence of sunlight and other environmental conditions.

STATION IDENTIFIER CODES, ABBREVIATED PARAMETER HEADINGS AND QUALIFYING REMARKS CODES

Station Identifier Codes

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basin (see figures 2 and 3), the following four digits refer to the river basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

Distance

The distance in kilometres is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

Abbreviated Headings

BOW	body of water
STN NO	base station number
LAT	latitude (not applicable)
LONG	longitude (not applicable)
UTM	Universal Transverse Mercator Grid
SAMP DTE DY MO YR	sample date; day, month, year
HOUR LMT	hour(s) local mean time (2400 hour clock)
STN DIST FEET	distance from base station (in feet) (not applicable)
STN BRG	bearing of sampling point (deg N) from base station (not applicable)
SAMP DEPTH MTRS	sample depth (in metres)
PJ	project (not applicable)

Abbreviated Parameter Headings

The alphabetic codes appearing as the parameter headings are a series of unique codes used for computer processing. Each alphabetic code identifies a particular water quality parameter and analytical procedure.

Test Name and Abbreviated Description	Description of Test	Units of Measure
ACDT ACIDITY TOTAL	Total Acidity	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALKT ALK TOTAL	Total Alkalinity	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALUT ALUMINUM UNF. TOT.	Unfiltered Total Aluminium	MILLIGRAM PER LITRE AS ARSENIC
BOD_5 5 DAY TOT. DEM.	5 Day Total Biochemical Oxygen Demand	MILLIGRAM PER LITRE AS OXYGEN
CAUR CALCIUM UNF. REAC	Unfiltered Reactive Calcium	MILLIGRAM PER LITRE AS CALCIUM
CCNAUR CYANIDE AVAIL UNF. REAC	Unfiltered Available Reactive Cyanide	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE

Test Name and Abbreviated Description	Description of Test	Units of Measure
CCUT CARBON UNF-TOT.	Unfiltered Total Carbon	MILLIGRAM PER LITRE AS CARBON
CDUT CADMIUM UNF.TOT.	Unfiltered Total Cadmium	MILLIGRAM PER LITRE AS CADIUM
CLIDUR CHLORIDE UNF.REAC	Unfiltered Reactive Chloride	MILLIGRAM PER LITRE AS CHLORINE
COD CHEM. OX DEMAND	Chemical Oxygen Demand	MILLIGRAM PER LITRE AS OXYGEN
COLAP COLOUR APPARENT	Apparent Colour	HAZEN COLOUR UNIT
COND25 CONDUCT. 25C	Conductivity at 25°C	MICROMHOS/CM (CONDUCTIVITY) AT 25 DEGREES CENTIGRADE
COUT COBALT UNF. TOT.	Unfiltered Total Cobalt	MILLIGRAM PER LITRE AS COBALT
CO6O COBALT 60	Cobalt 60	PICOCURIES PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
CRUT CHROMIUM UNF. TOT.	Unfiltered Total Chromium	MILLIGRAM PER LITRE AS CHROMIUM
CS134 CESIUM 134	Cesium 134	PICOCURIES PER LITRE
CS 137 CESIUM 137	Cesium 137	PICOCURIES PER LITRE
CUUT COPPER UNF. TOT.	Unfiltered Total Copper	MILLIGRAM PER LITRE AS COPPER
DO DISOLVED OXYGEN	Dissolved Oxygen	MILLIGRAM PER LITRE AS OXYGEN
DOC CARBON DISOLVED ORGANIC	Dissolved Organic Carbon	MILLIGRAM PER LITRE AS CARBON
FCMF FECAL COLIFORM MF	Fecal Coliform, Membrane Filtration Technique	COUNTS PER 100 ML
FEUT IRON UNF. TOT.	Unfiltered Total Iron	MILLIGRAM PER LITRE AS IRON

Test Name and Abbreviated Description	Description of Test	Units of Measure
FFIDUR FLUORIDE UNF. REAC	Unfiltered Reactive Fluoride	MILLIGRAM PER LITRE AS FLUORINE
FSMF FECAL STREPCUS MF	Fecal Streptococcus, Membrane Filtration Technique	COUNTS PER 100 ML
FWFLOW STREAM FLOW	Streamflow	CUBIC METRE(1000L) PER SECOND
FWPH PH FIELD	Field pH	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
FWSTRC STREAM COND.	Stream Condition	NOT APPLICABLE
FWTEMP WATER TEMP	Water Temperature	DEGREES CELSIUS
GACF GROSS ALPHA CT FILTERED	Filtered Gross Alpha	PICOCURIES PER LITRE
GACP GROSS ALPHA CT UNDISSOL	Undissolved Gross Alpha	PICOCURIES PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
GBCF GROSS BETA CT FILTERED	Filtered Gross Beta	PICOCURIES PER LITRE
GBCP GROSS BETA CT UNDISSOL	Undissolved Gross Beta	PICOCURIES PER LITRE
HARDT HARDNESS TOTAL	Total Hardness	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
HGUT MERCURY UNF. TOT.	Unfiltered Total Mercury	MICROGRAM PER LITRE AS MERCURY
HH3 TRITIUM HYDROG-3	Tritium	NANOCURIES PER LITRE
KKUR POTASSIM UNF.REAC	Unfiltered Reactive Potassium	MILLIGRAM PER LITRE AS POTASSIUM
MGUR MAGNESIM FIL. REAC	Filtered Reactive Magnesium	MILLIGRAM PER LITRE AS MAGNESIUM
MNUT MANGANSE UNF.TOT.	Unfiltered Total Manganese	MILLIGRAM PER LITRE AS MANGANESE

Test Name and Abbreviated Description	Description of Test	Units of Measure
NAUR SODIUM UNF. REAC	Unfiltered Reactive Sodium	MILLIGRAM PER LITRE AS SODIUM
NIUT NICKEL UNF. TOT.	Unfiltered Total Nickel	MILLIGRAM PER LITRE AS NICKEL
NNHTFR NH3-N TOTAL FIL. REAC	Total Filtered Reactive Ammonium-Nitrogen	MILLIGRAM PER LITRE AS NITROGEN
NNKI TOTAL N	Total Nitrogen Sum of Nitrate Nitrite and Kjeldahl-Nitrogen	MILLIGRAM PER LITRE AS NITROGEN
NNKUR KJELDAHL ORGANIC UNF.REAC	Unfiltered Reactive Organic Kjeldahl-Nitrogen	MILLIGRAM PER LITRE
NNOTFR NO2+NO3N FIL.REACT	Filtered Reactive Nitrate plus Nitrite-Nitrogen	MILLIGRAM PER LITRE AS NITROGEN
NNO2FR NO2-N FIL.REAC	Filtered Reactive Nitrite- Nitrogen	MILLIGRAM PER LITRE AS NITROGEN
NNTIFR INORG N TOTAL FIL.REAC	Total Filtered Reactive Inorganic Nitrogen	MILLIGRAM PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
NNTKUR K'DAHL N TOTAL FIL.TOT.	Filtered Total Kjeldahl-Nitrogen	MILLIGRAM PER LITRE AS NITROGEN
PBUT LEAD UNF.TOT.	Unfiltered Total Lead	MILLIGRAM PER LITRE AS LEAD
pH	Lab pH	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
PHNOL PHENOLS UNF-REAC	Unfiltered Reactive Phenolics	MICROGRAM PER LITRE AS PHENOL
PP04FR P04 FIL.REAC	Filtered Reactive Phosphate	MILLIGRAM PER LITRE AS PHOSPHORUS
PPUT PHOSPHOR UNF.TOT.	Unfiltered Total Phosphorus	MILLIGRAM PER LITRE AS PHOSPHORUS
PSAMF PSEUDOMN AERUG, MF	Pseudomonas, Aeruginosa Membrane Filtration Technique	COUNTS PER 100 ML
P1PCBT PCB TOTAL	Total Polychlorinated Biphenols	MICROGRAM PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
P3245T 2,4,5-T	2,4,5,-Trichlorophnoxyacetic	MICROGRAM PER LITRE
RA226F RADIUM 226 FIL.	Filtered Radium 226	PICOCURIES PER LITRE
RSF RESIDUE FILTERED	Filtered Residue	MILLIGRAM PER LITRE
RSFRAD RESIDUE FILTERED RADIOLOG	Filtered Radiological Residue	MILLIGRAM PER LITRE
RSP RESIDUE PARTIC.	Particulate Residue	MILLIGRAM PER LITRE
RSPRAD RESIDUE PARTIC. RADIOLOG	Particulate Radiological Residue	MILLIGRAM PER LITRE
RST RESIDUE TOTAL	Total Residue	MILLIGRAM PER LITRE
SAMPLE SAMPLE NUMBER	Field Sample Number	NOT APPLICABLE
S103UR SILICATE UNF.REAC	Unfiltered Reactive Silicates	MILLIGRAM PER LITRE AS SILICON

Test Name and Abbreviated Description	Description of Test	Units of Measure
SOLEXT SOLVENT EXTRACT.	Solvent Extractables	MILLIGRAM PER LITRE
SS04UR SULPHATE UNF.REAC	Unfiltered Reactive Sulphate	MILLIGRAM PER LITRE AS SULPHATE
TCMF COLIFORM TOTAL MF	Total Coliforms, Membrane Filtration Technique	COUNTS PER 100 ML
TCMFBK COLIFORM TOTAL MF BCKGRD	Total Background Coliforms, Membrane Filtration Technique	COUNTS PER 100 ML
TURB TURB'ITY	Turbidity	FORMAZIN TURBIDITY UNIT
UU238 URANIUM 238	Uranium 238	MICROGRAM PER LITRE
X3PCPH PENTACHL PHENOL	Pentachlorophenol	MICROGRAM PER LITRE
ZNUT ZINC UNF.TOT.	Unfiltered Total Zinc	MILLIGRAM PER LITRE AS ZINC

OTHER ABBREVIATIONS

ARITH MEAN	arithmetic mean
AVE.	avenue
AVG OR GEOM MN	arithmetic mean or geometric mean (denoted by *)
BLVD.	boulevard
BR.	branch, bridge or brook
CORP.	corporation
CAN.	Canadian
C.N.R.	Canadian National Railway
CO.	county or company
CONC.	concession
C.P.R.	Canadian Pacific Railway
Cr.	creek
DR.	drive
FT.	feet
GEOM MEAN	geometric mean
HWY.	highway
JNT.	junction
L.	left
MG	milligram(s)
MG/L or mg/L	milligrams per litre
ML	millilitre(s)
N.	north
nCi/L	nanocurie(s) per litre
NG/L	nanogram(s) per litre
NO/OF SAMPLES	number of samples
pCi/L	picocurie(s) per litre
PT.	part or point
Q.E.W.	Queen Elizabeth Way
R.	river or right
RD.	road
R.R.	railroad
RW.	railway
S.	south
STD DEV	standard deviation
S.T.P.	sewage treatment plant
TWP.	township
UG/L	micrograms per litre
W.P.C.P.	water pollution control plant
WW.	water-works

REMARKS

Individual test values may be qualified by one of the following remarks:

REMARK	MEANING OF REMARK	EXAMPLE
>	REPORTED VALUE FELT TO BE TOO LOW	100.000>
<	REPORTED VALUE FELT TO BE TOO HIGH	.002<
F	TEST PERFORMED ON NON-FROZEN SAMPLE	4.5F
P	TEST PERFORMED ON UNPRESERVE SAMPLE	11.231P
T	NO TIME RECORDED: ANAYL. PERFORMED	65.770T
C	BACKGROUND COUNT TO NUMEROUS	34.00C
I	APPROX. VALUE: INSUFFICIENT DILUT.	75.000I
M	MANUALLY ANALYSED	12.000M
<R	DETECT LIMIT REPORT: VALUE LIMIT	.001<R
>S	TRACE RESP.: THAN VALUE REPORTED	.000>S
A	APPROXIMATE RESULT	2.00 A
<T	RESULT REPORTED: NOT PROOF POSITIVE	.02<T
<N	NON-DETECTED	.000<N
E	ESTIMATED OR COMPUTED VALUE STORED	45.870E
<E	NO RESP.: (EXCESS DIL'N) MIN. VALUE	54.070<E
<W	NO RESP.: MIN. VALUE REPORTED	4.023<W
U	UNRELIABLE RESULT	345.03U

Computed values may be qualified by one of the following remarks:

<A	TEST VALUE WITH REMARKS <T <W USED IN COMPUTATIONS	45.654<A

NOTE: VALUES WITH THE FOLLOWING REMARKS
> < <R <S <N <E
ARE NOT USED IN COMPUTATIONS

An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

EXPONENT	= + 4	multiply result by	10,000
	= + 3	" " "	1,000
	= + 2	" " "	100
	= + 1	" " "	10
	= - 1	divide result by	10
	= - 2	" " "	100
	= - 3	" " "	1,000
	= - 4	" " "	10,000

ANALYTICAL TECHNIQUES USED TO MEASURE WATER QUALITY

Microbiological Parameters	Analytical Technique
Total Coliforms	Membrane Filtration
Fecal Coliforms	Membrane Filtration
Fecal Streptococcus	Membrane Filtration
Pseudomonas Aerugenosa	Membrane Filtration
Background Count	Membrane Filtration

Chemical and Physical Parameters	Analytical Technique
Alkalinity	Auto* fixed endpoint titration
Ammonia-N (filtered total)	Auto modified Berthelot reaction
Arsenic	Flameless AAS**; colourimetry
Cadmium	AAS
Calcium	AAS; ED TA titrimetric
Carbon	Auto oxidation, colourimetry
Chloride	Auto potentiometric titration; Auto FeCNS
Chromium	AAS; colourimetry
Conductivity	25°C thermostated conductivity meter
Copper	AAS
Iron (total)	AAS; Auto TPTZ colourimetry
Lead	AAS
Magnesium	AAS; calculation from hardness, Ca
Manganese	AAS; Auto formaldoxime colourimetry
Mercury	Flameless AAS
Nickel	AAS
Nitrate + Nitrite-N (filtered)	Auto hydrazine reduction-diazotization
Kjeldahl-N	Digest, Auto modified Berthelot reaction
Phosphate-P (filtered reactive)	Auto molybdenum blue-ascorbic acid
pH	Potentiometric-glass electrode
Phenolics-reactive	Auto distillation-4AAP
Phosphorus-total	Digest, Auto molybdenum blue-ascorbic acid
Phosphorus-filtered total	Digest, Auto molybdenum blue-ascorbic acid
Potassium	AAS

con't previous page

Chemical and Physical Parameters	Analytical Technique
Selenium	Fluorimetry
Silicates-reactive	Auto molybdenum blue-ascorbic acid
Sodium	AAS
Solids-suspended	Gravimetric
Sulfate	Auto MTB colourimetry; Ion Chromatography
Turbidity	Nephelometry, formazin standard
Zinc	AAS

Radiochemical Parameters	
Gross alpha	Nuclear disintegrations count from evaporated residues
Gross beta	Nuclear disintegrations count from evaporated residues
Radium-226	Diemination technique
Uranium-total	Fluorometric technique
Cesium 137	Gamma spectrometry
Cesium 134	Gamma spectrometry
Cobalt 60	Gamma spectrometry

Synthetic Organic Parameters	
PCB	Solvent extraction, gas chromatography
2,4,5-T	Solvent extraction, gas chromatography
PCP	Solvent extraction, gas chromatography

* Automated instrumentation

** Atomic Absorption Spectrophotometry

GLOSSARY OF TERMS

Arithmetic Mean - The nth quotient of the summation of n observations. The equation for the arithmetic mean (X) can be expressed as:

$$X = \frac{X_1 + X_2 + X_3 + \ldots\ldots X_n}{n}$$

Detection Limit - The amount of analyte required to be present to ensure that when it is 'absent' it will not be reported as 'present'.

Geometric Mean - The nth root of the product of n observations. The equation for the geometric mean (G_x) can be expressed as:

$$G_x = \sqrt[n]{X_1 \quad X_2 \quad X_3 \ldots\ldots \quad X_n}$$

$$\text{or } G_x - \text{antilog } \left(\frac{\log X_1 + \log X_2 \ldots . \log X_n}{n}\right)$$

Standard Deviation - A measure of reproducibility that would be obtained if a sample were reanalyzed. It can be determined in one of two ways

a) a single sample is analyzed n times to obtain results X_1, X_2, ----- X_n.
The average value is calculated $\bar{X} = \Sigma X/n$.
The deviations $(X_n - \bar{X})$ are used to calculate the standard deviation

$$s = \sqrt{\Sigma (X_n - \bar{X})^2/(n-1)}$$

b) n samples are analyzed each in duplicate to obtain differences between results
$(X_1 - X_2)_1$ ----- $(X_1 - X_2)_n$.
These differences are used to calculate the standard deviation

$$s = \sqrt{\Sigma (X_1 - X_2)^2_n/2n}$$

Both of these estimates of s are equally valid and can be used to predict the likelihood of finding a large difference between any two results, providing they were obtained under similar circumstances. On average, a single result will be within $\pm$ s of its average value in two out of three cases. It will be within ± 1.96 s of the average in 19 out of 20 times, i.e. 95% of the time. Therefore, the difference between any two single results will be within $\pm 1.96\ \sqrt{2}$ s 95% of the time, where the $\sqrt{2}$ factor accounts for the variability in both results.

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B.O.W. SITE: **LAKE SUPERIOR**
SAMPLE POINT: **INSIDE EASTERN GAP THUNDER BAY**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-001-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0338850.0 5368250.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1020	3	1		20068	240	276	80	10 0	10 7	1 2	0 010	0 003	80 00
81 06 15 0920	3	1		20092	204C	1200	36	12 0	10 3	0 6	0 009	0 003	80 00
81 08 04 1040	3	1		20116	260	410	4	20 0	8 6	2 1	0 009	0 003	70 00
81 08 24 1040	3	1		20140	500I	2700	144	18 0	8 9	0 8	0 011	0 004	70 00
81 09 14 1000	3	1		20161	180	1800	4	17 0	7 8	1 1	0 010	0 003	70 00
81 10 19 1100	3	1		20185	116C	3100	40	7 0	10 2	0 8	0 014	0 004	80 00
MAXIMUM					**500**	**3100**	**144**	**20.0**	**10.7**	**2.1**	**0.014**	**0.004**	**80.00**
ARITH MEAN					**250**	**1581**	**51**	**14.0**	**9.4**	**1.1**	**0.010**	**0.003**	**75.00**
GEOM MEAN					**226**	**1127**	**25**	**13.1**	**9.4**	**1.0**	**0.010**	**0.003**	**74.83**
MINIMUM					**116**	**276**	**4**	**7.0**	**7.8**	**0.6**	**0.009**	**0.003**	**70.00**
STD DEV (GEOM *)					**2***	**3***	**5***	**5.1**	**1.1**	**0.5**	**0.002**	**0.001**	**5.48**
# SAMPLES (IN STATISTICS)					**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1020	3	1		3 00	95 0	2 00	2 800	33 0	7 20	7 5	0 240	39 000	40 000
81 06 15 0920	3	1		2 00	90 0	1 50	2 300	32 0	7 40		0 250	37 000	45 000
81 08 04 1040	3	1		3 00	116 0	3 50	2 500	42 0	6 90	7 5	0 150	48 000	18 000
81 08 24 1040	3	1		4 00	115 0	3 40	2 500	42 0	7 60		0 074	47 000	20 000
81 09 14 1000	3	1		2 00	111 0	2 40	2 300	43 0	7 40	6 8		46 000	12 000
81 10 19 1100	3	1		6 00	122 0	7 90	3 900	44 0	7 50	6 9	0 500	49 000	22 000
MAXIMUM				**6.00**	**122.0**	**7.90**	**3.900**	**44.0**	**7.60**	**7.5**	**0.500**	**49.000**	**45.000**
ARITH MEAN				**3.33**	**108.2**	**3.45**	**2.717**	**39.3**	**7.33**	**7.2**	**0.243**	**44.333**	**26.167**
GEOM MEAN				**3.09**	**107.5**	**2.96**	**2.668**	**39.0**	**7.33**	**7.2**	**0.202**	**44.082**	**23.561**
MINIMUM				**2.00**	**90.0**	**1.50**	**2.300**	**32.0**	**6.90**	**6.8**	**0.074**	**37.000**	**12.000**
STD DEV (GEOM *)				**1.51**	**12.7**	**2.32**	**0.608**	**5.4**	**0.25**	**0.4**	**0.161**	**5.046**	**13.182**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**6**	**4**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 19 1020	3	1		0.001<	0.002	0.006	0 003	0 001<	0.001<	0 021	0.003	0.002	0.010<
81 06 15 0920	3	1								0.017			
81 08 04 1040	3	1								0.017			
81 08 24 1040	3	1		0.002	0.005	0 002	0 001<	0.001	0.004	0 010	0.005	0.001	0.010<
81 10 19 1100	3	1		0.001<	0.001<	0 006	0 001<	0.001	0.005	0.018	0.001<	0.002	0.010<
MAXIMUM				**0.002**	**0.005**	**0.006**	**0.003**	**0.001**	**0.005**	**0.021**	**0.005**	**0.002**	
ARITH MEAN				**0.002**	**0.003**	**0.005**	**0.003**	**0.001**	**0.004**	**0.017**	**0.004**	**0.002**	
GEOM MEAN					**0.003**	**0.004**		**0.001**	**0.004**	**0.016**	**0.004**	**0.002**	
MINIMUM				**0.002**	**0.002**	**0.002**	**0.003**	**0.001**	**0.004**	**0.010**	**0.003**	**0.001**	
STD DEV (GEOM *)					**0.002**	**0.002**		**0.000**	**0.001**	**0.004**	**0.001**	**0.001**	
# SAMPLES (IN STATISTICS)				**1**	**2**	**3**	**1**	**2**	**2**	**5**	**2**	**3**	

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **OFF MOUTH OF KAMINISTIQUIA RIVER**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-002-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0336550.0 5362000.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1100	.3	1		20069	5200	700I	220	10.5	8.6	1.7	0 033	0 003	120.00
81 06 15 0955	.3	1		20093	38000	11000	1400	12.0	7.7	1.3	0 052	0.015	120.00
81 08 04 1140	.3	1		20117	5900	20000	600>	19.0	6 8	1.4	0 019	0 004	90.00
81 08 24 1130	.3	1		20141	32000	52000	3800	18.0	8.4	0.5	0 044	0.015	80.00
81 09 14 1130	.3	1		20158				17 0	8.4	0.9	0 006	0 001	60.00
81 10 19 1310	.3	1		20182	100<	500I	100<	6 5	9.5	0.2	0.009	0 002	90.00
MAXIMUM					**38000**	**52000**	**3800**	**19.0**	**9.5**	**1.7**	**0.062**	**0.016**	**120.00**
ARITH MEAN					**20275**	**16840**	**1807**	**13.8**	**8.2**	**1.0**	**0.027**	**0.007**	**93.33**
GEOM MEAN					**13898**	**5254**	**1054**	**13.0**	**8.2**	**0.8**	**0.021**	**0.004**	**90.79**
MINIMUM					**5200**	**500**	**220**	**6.5**	**6.8**	**0.2**	**0.008**	**0.001**	**60.00**
STD DEV (GEOM *)					**3***	**8***	**4***	**4.9**	**0.9**	**0.6**	**0.019**	**0.007**	**23.38**
# SAMPLES (IN STATISTICS)					**4**	**5**	**3**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1100	.3	1		5.00	120.0	2.50	5.100	40.0	6.90	7.3	0.390	43.000	47.000
81 06 15 0955	.3	1		7.00	127.0	4.30	5.600	45.0	7.20		0.450	46.000	53.000
81 08 04 1140	.3	1		4.00	125.0	2.50	5.700	41.0	7.40	7.5	0.290	44.000	35.000
81 08 24 1130	.3	1		10.00	125.0	2.80	4.300	44.0	7.60	6.8	0.260	49.000	25.000
81 09 14 1130	.3	1		1.00	104.0	0.60	2.000	43.0	7.60	6.8	0.040	49.000	9.000
81 10 19 1310	.3	1		3.00	108.0	2.30	2.300	43.0	7.80	7.5	0.180	45.000	10.000
MAXIMUM				**10.00**	**127.0**	**4.30**	**5.700**	**45.0**	**7.80**	**7.5**	**0.450**	**49.000**	**53.000**
ARITH MEAN				**5.00**	**118.2**	**2.50**	**4.167**	**42.7**	**7.42**	**7.2**	**0.268**	**46.000**	**29.833**
GEOM MEAN				**4.02**	**117.8**	**2.17**	**3.843**	**42.6**	**7.41**	**7.2**	**0.214**	**45.942**	**24.106**
MINIMUM				**1.00**	**104.0**	**0.60**	**2.000**	**40.0**	**6.90**	**6.8**	**0.040**	**43.000**	**9.000**
STD DEV (GEOM *)				**3.16**	**9.8**	**1.18**	**1.642**	**1.9**	**0.33**	**0.4**	**0.147**	**2.530**	**18.487**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**6**	**5**	**6**	**6**	**6**

(CONTD)

Pages 2 to 695 contain additional tabulated water-quality data in the format shown on Pages 1, 696 & 697.

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **AT SPRUCE FALLS MILL INTAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-034-02**
STORET CODE: **04 001 0230**

LAT: LONG. U.T.M: **17 0396450.0 5473800.0 4** REGION: **05** DISTANCE: **300.617**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 02 10 1350		.3	1	5.950	47.000	1.25	2.000	16	0.018
81 03 10 1250		.3	1	5.500	58.000	1.20	1.600		0.034
81 06 03 1530		.3	1				1.3	41	
81 06 16 1500		.3	1				1.5	49	
81 06 23 1400		.3	1				1.9	45	
81 06 30 1140		.3	1				1.1	33	
81 07 07 1300		.3	1				1.2	45	
81 07 14 1315		.3	1				1.3	24	
81 07 21 0930		.3	1				1.0	42	
81 07 27 0830		.3	1				1.6	30	
81 08 05 0930		.3	1				1.7	43	
81 08 11 1300		.3	1				1.2	38	
81 08 18 1400		.3	1				1.4	16	
81 08 25 1200		.3	1				1.4	52	
81 09 06 1345		.3					1.2	40	
81 10 01 1130		.3	1				1.6	28	
81 11 04 1150		.3	1				1.6	4	
81 12 01 1225		.3	1				1.6	54	
MAXIMUM				**5.950**	**58.000**	**1.25**	**2.000**	**54**	**0.034**
ARITH MEAN				**5.725**	**52.500**	**1.22**	**1.4**	**35**	**0.026**
GEOM MEAN				**5.721**	**52.211**	**1.22**	**1.4**	**31**	**0.025**
MINIMUM				**5.500**	**47.000**	**1.20**	**1.0**	**4**	**0.018**
STD DEV (GEOM *)				**0.318**	**7.778**	**0.04**	**0.2**	**14**	**0.011**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**18**	**17**	**2**

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **20MI.DOWNSTREAM FROM SPRUCE FALLS MILL**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-035-02**
STORET CODE: **04 001 0230**

LAT: LONG. U.T.M: **17 0400950.0 5490800.0 4** REGION: **05** DISTANCE: **267.144**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 06 04 1000		.3	1	23315	8	10.0	9.90	3.8	0.038	0.001<T	0.002	0.52	0.005
81 06 10 1100		.3	1	23326	8	10.0	9.60	1.6	0.022	0.003	0.002<T	0.55	0.005
81 06 16 1115		.3	1	23339	8	13.0	8.60	1.6	0.020	0.001<T	0.022	0.50	0.005
81 06 22 1200		.3	1	23353	8	13.0	8.00	3.2	0.020	0.001	0.002<T	0.60	0.003
81 06 30 1030		.3	1	23374	8	12.50	7.70	1.4	0.035	0.001	0.004	0.62	0.005
81 07 07 1030		.3	1	23385	8	18.0	5.20	4.0	0.072	0.001	0.014	0.75	0.004
81 07 14 1130		.3	1	23401	8	22.0	1.40	1.0	0.048	0.001<T	0.008	0.68	0.003
81 07 21 1430		.3	1	23417	8	21.0	0.06	4.6	0.032	0.001	0.036	0.68	0.002
81 07 28 1130		.3	1	23433	8	19.0	0.00	4.6	0.035	0.001<T	0.010	0.70	0.003
81 08 06 1030		.3	1	23454	8	21.5	0.10	4.4	0.050	0.004	0.120	0.90	0.009
81 08 11 1045		.3	1	23463	8	20.0	0.00	3.2	0.058	0.001	0.066	1.00	0.006
81 08 18 1030		.3	1	23478	8	18.5	0.00	11.8	0.042	0.002	0.020	0.95	0.006
81 08 25 1045		.3	1	23494	8	18.5	0.00	9.4	0.045	0.001	0.140	0.92	0.009
MAXIMUM						**22.0**	**9.90**	**11.8**	**0.072**	**0.004**	**0.140**	**1.00**	**0.009**
ARITH MEAN						**16.6**	**5.62**	**4.2**	**0.040**	**0.001<A**	**0.034<A**	**0.72**	**0.005**
GEOM MEAN						**16.1**	**2.35**	**3.3**	**0.037**	**0.001<A**	**0.014<A**	**0.70**	**0.005**
MINIMUM						**10.0**	**0.06**	**1.0**	**0.020**	**0.001**	**0.002**	**0.50**	**0.002**
STD DEV (GEOM *)						**4.3**	**4.07**	**3.1**	**0.015**	**0.001<A**	**0.046<A**	**0.17**	**0.002**
# SAMPLES (IN STATISTICS)						**13**	**9**	**13**	**13**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 06 04 1000		.3	1	0.005	0.010	0.012	0.518	0.530	1	73	112	8.5	52
81 06 10 1100		.3	1	0.015	0.020	0.022	0.548	0.570	1	74	114	9.0	52
81 06 16 1115		.3	1	0.005	0.010	0.032	0.478	0.510	8	78	120	8.5	55
81 06 22 1200		.3	1	0.005<T	0.005	0.010	0.598	0.608	6	78	120	8.5	57
81 06 30 1030		.3	1	0.005<T	0.005	0.014	0.616	0.630	7	85	130	9.0	58
81 07 07 1030		.3	1	0.005<T	0.005	0.023	0.736	0.759	5	88	136	8.5	62
81 07 14 1130		.3	1	0.005	0.005	0.016	0.672	0.688	5	94	142	10.5	64
81 07 21 1430		.3	1	0.005<T	0.005	0.043	0.644	0.687	5	101	155	10.5	68
81 07 28 1130		.3	1	0.005	0.010	0.018	0.690	0.708	3.2	104	160	11.5	70
81 08 06 1030		.3	1	0.005<T	0.010	0.134	0.780	0.914	6.0	127	195	13.5	76
81 08 11 1045		.3	1	0.005<T	0.010	0.077	0.934	1.011	6.0	120	185	15.0	80
81 08 18 1030		.3	1	0.005<T	0.010	0.031	0.930	0.961	5.6	127	195	16.0	81
81 08 25 1045		.3	1	0.005<T	0.010	0.154	0.780	0.934	4.1	130	200	17.0	84
MAXIMUM				**0.015**	**0.020**	**0.154**	**0.934**	**1.011**	**8**	**130**	**200**	**17.0**	**84**
ARITH MEAN				**0.006<A**	**0.009**	**0.045**	**0.686**	**0.732**	**4**	**98**	**151**	**11.2**	**66**
GEOM MEAN				**0.005<A**	**0.008**	**0.030**	**0.673**	**0.714**	**4**	**96**	**148**	**10.9**	**65**
MINIMUM				**0.005**	**0.005**	**0.010**	**0.478**	**0.510**	**1**	**73**	**112**	**8.5**	**52**
STD DEV (GEOM *)				**0.003<A**	**0.004**	**0.047**	**0.143**	**0.171**	**2**	**21**	**33**	**3.1**	**11**
# SAMPLES (IN STATISTICS)				**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF REAC MG/L AS CA	SODIUM UNF REAC MG/L AS NA	CHEM OX DEMAND MG/L AS O
	TEST-NAME:				*PH*	*CAUR*	*NAUR*	*COD*
81 06 04 1000			3	1	7.42	16.2	1.5	66
81 06 10 1100			3	1	7.29	16.2	1.5	58
81 06 16 1115			3	1	7.47	15.8	1.6	58
81 06 22 1200			3	1	7.13	16.2	4.7	54
81 06 30 1030			3	1	7.19	17.8	1.2	68
81 07 07 1030			3	1	7.05	20.4	1.4	84
81 07 14 1130			3	1	7.28	19.6	1.6	77
81 07 21 1430			3	1	6.92	21.2	1.6	61
81 07 28 1130			3	1	7.08	22.8	2.3	92.9
81 08 06 1030			3	1	6.98	20.0	2.4	107
81 08 11 1045			3	1	6.97	22.4	2.5	138
81 08 18 1030			3	1	6.98	27.4	2.6	160
81 08 25 1045			3	1	7.02	26.0	3.1	135
MAXIMUM					**7.47**	**27.4**	**4.7**	**160**
ARITH MEAN					**7.14**	**20.2**	**2.2**	**89**
GEOM MEAN					**7.13**	**19.8**	**2.0**	**83**
MINIMUM					**6.92**	**15.8**	**1.2**	**54**
STD DEV (GEOM *)					**0.18**	**3.8**	**1.0**	**35**
# SAMPLES (IN STATISTICS)					**13**	**13**	**13**	**13**

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WATER QUALITY DATA
ONTARIO LAKES
AND STREAMS
1981

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WATER QUALITY DATA
ONTARIO LAKES
AND STREAMS
1981

part 2 of 2

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **INSIDE EASTERN GAP THUNDER BAY**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-001-01**
STORET CODE: **02 001**

LAT: LONG: U.T.M.: **16 0338850.0 5368250.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1020	.3		1	20068	240	276	80	10.0	10.7	1.2	0.010	0.003	80.00
81 06 15 0920	.3		1	20092	204C	1200	36	12.0	10.3	0.6	0.009	0.003	80.00
81 08 04 1040	.3		1	20116	260	410	4	20.0	8.6	2.1	0.009	0.003	70.00
81 08 24 1040	.3		1	20140	500I	2700	144	18.0	8.9	0.8	0.011	0.004	70.00
81 09 14 1000	.3		1	20161	180	1800	4	17.0	7.8	1.1	0.010	0.003	70.00
81 10 19 1100	.3		1	20185	116C	3100	40	7.0	10.2	0.8	0.014	0.004	80.00
		MAXIMUM			**500**	**3100**	**144**	**20.0**	**10.7**	**2.1**	**0.014**	**0.004**	**80.00**
		ARITH MEAN			**250**	**1581**	**51**	**14.0**	**9.4**	**1.1**	**0.010**	**0.003**	**75.00**
		GEOM MEAN			**226**	**1127**	**25**	**13.1**	**9.4**	**1.0**	**0.010**	**0.003**	**74.83**
		MINIMUM			**116**	**276**	**4**	**7.0**	**7.8**	**0.6**	**0.009**	**0.003**	**70.00**
		STD DEV (GEOM *)			**2***	**3***	**5***	**5.1**	**1.1**	**0.5**	**0.002**	**0.001**	**5.48**
		# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1020	.3		1	3.00	95.0	2.00	2.800	33.0	7.20	7.5	0.240	39.000	40.000
81 06 15 0920	.3		1	2.00	90.0	1.50	2.300	32.0	7.40		0.250	37.000	45.000
81 08 04 1040	.3		1	3.00	116.0	3.50	2.500	42.0	6.90	7.5	0.150	48.000	18.000
81 08 24 1040	.3		1	4.00	115.0	3.40	2.500	42.0	7.60		0.074	47.000	20.000
81 09 14 1000	.3		1	2.00	111.0	2.40	2.300	43.0	7.40	6.8		46.000	12.000
81 10 19 1100	.3		1	6.00	122.0	7.90	3.900	44.0	7.50	6.9	0.500	49.000	22.000
		MAXIMUM		**6.00**	**122.0**	**7.90**	**3.900**	**44.0**	**7.60**	**7.5**	**0.500**	**49.000**	**45.000**
		ARITH MEAN		**3.33**	**108.2**	**3.45**	**2.717**	**39.3**	**7.33**	**7.2**	**0.243**	**44.333**	**26.167**
		GEOM MEAN		**3.09**	**107.5**	**2.96**	**2.668**	**39.0**	**7.33**	**7.2**	**0.202**	**44.082**	**23.561**
		MINIMUM		**2.00**	**90.0**	**1.50**	**2.300**	**32.0**	**6.90**	**6.8**	**0.074**	**37.000**	**12.000**
		STD DEV (GEOM *)		**1.51**	**12.7**	**2.32**	**0.608**	**5.4**	**0.25**	**0.4**	**0.161**	**5.046**	**13.182**
		# SAMPLES (IN STATISTICS)		**6**	**6**	**6**	**6**	**6**	**6**	**4**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 19 1020	.3		1	0.001<	0.002	0.006	0.003	0.001<	0.001<	0.021	0.003	0.002	0.010<
81 06 15 0920	.3		1							0.017			
81 08 04 1040	.3		1							0.017			
81 08 24 1040	.3		1	0.002	0.005	0.002	0.001<	0.001	0.004	0.010	0.005	0.001	0.010<
81 10 19 1100	.3		1	0.001<	0.001<	0.006	0.001<	0.001	0.005	0.018	0.001<	0.002	0.010<
		MAXIMUM		**0.002**	**0.005**	**0.006**	**0.003**	**0.001**	**0.005**	**0.021**	**0.005**	**0.002**	
		ARITH MEAN		**0.002**	**0.003**	**0.005**	**0.003**	**0.001**	**0.004**	**0.017**	**0.004**	**0.002**	
		GEOM MEAN			**0.003**	**0.004**		**0.001**	**0.004**	**0.016**	**0.004**	**0.002**	
		MINIMUM		**0.002**	**0.002**	**0.002**	**0.003**	**0.001**	**0.004**	**0.010**	**0.003**	**0.001**	
		STD DEV (GEOM *)			**0.002**	**0.002**		**0.000**	**0.001**	**0.004**	**0.001**	**0.001**	
		# SAMPLES (IN STATISTICS)		**1**	**2**	**3**	**1**	**2**	**2**	**5**	**2**	**3**	

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **OFF MOUTH OF KAMINISTIQUIA RIVER**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-002-01**
STORET CODE: **02 001**

LAT: LONG: U.T.M.: **16 0336550.0 5362000.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1100	.3		1	20069	5200	700I	220	10.5	8.6	1.7	0.033	0.003	120.00
81 06 15 0955	.3		1	20093	38000	11000	1400	12.0	7.7	1.3	0.052	0.015	120.00
81 08 04 1140	.3		1	20117	5900	20000	600>	19.0	6.8	1.4	0.019	0.004	90.00
81 08 24 1130	.3		1	20141	32000	52000	3800	18.0	8.4	0.5	0.044	0.015	80.00
81 09 14 1130	.3		1	20158				17.0	8.4	0.9	0.006	0.001	60.00
81 10 19 1310	.3		1	20182	100<	500I	100<	6.5	9.5	0.2	0.009	0.002	90.00
		MAXIMUM			**38000**	**52000**	**3800**	**19.0**	**9.5**	**1.7**	**0.052**	**0.015**	**120.00**
		ARITH MEAN			**20275**	**16840**	**1807**	**13.8**	**8.2**	**1.0**	**0.027**	**0.007**	**93.33**
		GEOM MEAN			**13898**	**5254**	**1054**	**13.0**	**8.2**	**0.8**	**0.021**	**0.004**	**90.79**
		MINIMUM			**5200**	**500**	**220**	**6.5**	**6.8**	**0.2**	**0.006**	**0.001**	**60.00**
		STD DEV (GEOM *)			**3***	**8***	**4***	**4.9**	**0.9**	**0.6**	**0.019**	**0.007**	**23.38**
		# SAMPLES (IN STATISTICS)			**4**	**5**	**3**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1100	.3		1	5.00	120.0	2.50	5.100	40.0	6.90	7.3	0.390	43.000	47.000
81 06 15 0955	.3		1	7.00	127.0	4.30	5.600	45.0	7.20		0.450	46.000	53.000
81 08 04 1140	.3		1	4.00	125.0	2.50	5.700	41.0	7.40	7.5	0.290	44.000	35.000
81 08 24 1130	.3		1	10.00	125.0	2.80	4.300	44.0	7.60	6.8	0.260	49.000	25.000
81 09 14 1130	.3		1	1.00	104.0	0.60	2.000	43.0	7.60	6.8	0.040	49.000	9.000
81 10 19 1310	.3		1	3.00	108.0	2.30	2.300	43.0	7.80	7.5	0.180	45.000	10.000
		MAXIMUM		**10.00**	**127.0**	**4.30**	**5.700**	**45.0**	**7.80**	**7.5**	**0.450**	**49.000**	**53.000**
		ARITH MEAN		**5.00**	**118.2**	**2.50**	**4.167**	**42.7**	**7.42**	**7.2**	**0.268**	**46.000**	**29.833**
		GEOM MEAN		**4.02**	**117.8**	**2.17**	**3.843**	**42.6**	**7.41**	**7.2**	**0.214**	**45.942**	**24.105**
		MINIMUM		**1.00**	**104.0**	**0.60**	**2.000**	**40.0**	**6.90**	**6.8**	**0.040**	**43.000**	**9.000**
		STD DEV (GEOM *)		**3.16**	**9.8**	**1.18**	**1.642**	**1.9**	**0.33**	**0.4**	**0.147**	**2.530**	**18.487**
		# SAMPLES (IN STATISTICS)		**6**	**6**	**6**	**6**	**6**	**6**	**5**	**6**	**6**	**6**

(CONTD)

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **OFF MOUTH OF KAMINISTIQUIA RIVER**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-002-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0336550.0 5362000.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 05 19 1100	.3	1		0.001<	0.002	0.004	0.004	0.002	0.004	0.026	0.001	0.001
81 06 15 0955	.3	1				0.006			0.001<	0.030	0.011	
81 08 04 1140	.3	1				0.001<			0.003	0.024	0.001	
81 08 24 1130	.3	1		0.002	0.004	0.001	0.001<	0.001	0.003	0.025	0.004	0.001<
81 09 14 1130	.3	1				0.003			0.003	0.006		
81 10 19 1310	.3	1		0.001<	0.001	0.006	0.001<	0.001	0.003	0.007	0.002	0.001
MAXIMUM				**0.002**	**0.004**	**0.006**	**0.004**	**0.002**	**0.004**	**0.030**	**0.011**	**0.001**
ARITH MEAN				**0.002**	**0.002**	**0.004**	**0.004**	**0.001**	**0.003**	**0.020**	**0.004**	**0.001**
GEOM MEAN					**0.002**	**0.003**		**0.001**	**0.003**	**0.016**	**0.002**	**0.001**
MINIMUM				**0.002**	**0.001**	**0.001**	**0.004**	**0.001**	**0.003**	**0.006**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.002**	**0.002**		**0.001**	**0.000**	**0.010**	**0.004**	**0.000**
# SAMPLES (IN STATISTICS)				**1**	**3**	**5**	**1**	**3**	**5**	**6**	**5**	**2**

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **NEAR PULP MILL MISSION BAY THUNDER BAY**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-003-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0336550.0 5357325.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1130	.3	1		20070	600>	4000>	220	10.8	7.4	5.5	0.025	0.005	130.00
81 06 15 1110	.3	1		20094	63000	12000	1000	12.0	8.8	2.1	0.020	0.006	80.00
81 08 04 1315	.3	1		20118	9200	4100	600>	20.0	6.8	2.4	0.019	0.004	100.00
81 08 24 1240	.3	1		20142	61000	42000	20000	18.5	4.3	1.8	0.037	0.008	130.00
81 09 14 1025	.3	1		20159	14800	11000	3000	17.0	2.8	4.5	0.030	0.006	150.00
81 10 19 1145	.3	1		20183	10000	32000	1800	6.5	7.2	5.3	0.072	0.008	170.00
MAXIMUM					**63000**	**42000**	**20000**	**20.0**	**8.8**	**5.5**	**0.072**	**0.008**	**170.00**
ARITH MEAN					**31600**	**20220**	**5204**	**14.1**	**6.2**	**3.6**	**0.034**	**0.006**	**126.67**
GEOM MEAN					**22067**	**14871**	**1884**	**13.2**	**5.8**	**3.3**	**0.030**	**0.006**	**122.91**
MINIMUM					**9200**	**4100**	**220**	**6.5**	**2.8**	**1.8**	**0.019**	**0.004**	**80.00**
STD DEV (GEOM *)					**3***	**3***	**5***	**5.2**	**2.2**	**1.7**	**0.020**	**0.002**	**32.66**
# SAMPLES (IN STATISTICS)					**5**	**5**	**5**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1130	.3	1		6.00	137.0	4.00	5.300	39.0	6.80	7.3	0.440	45.000	71.000
81 06 15 1110	.3	1		7.00	120.0	4.50	3.900	41.0	7.10		0.600	44.000	49.000
81 08 04 1315	.3	1		5.00	133.0	3.90	6.000	42.0	7.20	7.2	0.380	44.000	43.000
81 08 24 1240	.3	1		20.00	158.0	12.00	5.300	51.0	7.20		0.780	53.000	60.000
81 09 14 1025	.3	1		7.00	180.0	7.00	7.200	50.0	7.10	6.7		51.000	62.000
81 10 19 1145	.3	1		20.00	195.0	20.00	11.000	53.0	7.40	7.3	1.300	57.000	85.000
MAXIMUM				**20.00**	**195.0**	**20.00**	**11.000**	**53.0**	**7.40**	**7.3**	**1.300**	**57.000**	**85.000**
ARITH MEAN				**10.83**	**153.8**	**8.57**	**6.450**	**46.0**	**7.13**	**7.1**	**0.700**	**49.000**	**61.667**
GEOM MEAN				**9.15**	**151.6**	**7.00**	**6.111**	**45.7**	**7.13**	**7.1**	**0.633**	**48.750**	**60.138**
MINIMUM				**5.00**	**120.0**	**3.90**	**3.900**	**39.0**	**6.80**	**6.7**	**0.380**	**44.000**	**43.000**
STD DEV (GEOM *)				**7.14**	**29.2**	**6.39**	**2.474**	**6.0**	**0.20**	**0.3**	**0.370**	**5.477**	**15.122**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**6**	**4**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 05 19 1130	.3	1		0.002	0.003	0.002	0.001<	0.005	0.043	0.004	0.001<
81 06 15 1110	.3	1							0.022		
81 08 04 1315	.3	1			0.001<			0.004	0.030	0.001<	
81 08 24 1240	.3	1		0.002	0.003	0.001	0.001<	0.007	0.075	0.006	0.001<
81 10 19 1145	.3	1		0.017	0.007	0.001<	0.001	0.008	0.072	0.005	0.002
MAXIMUM				**0.017**	**0.007**	**0.002**	**0.001**	**0.008**	**0.075**	**0.006**	**0.002**
ARITH MEAN				**0.007**	**0.004**	**0.001**	**0.001**	**0.006**	**0.048**	**0.005**	**0.002**
GEOM MEAN				**0.004**	**0.004**	**0.001**		**0.006**	**0.043**	**0.005**	
MINIMUM				**0.002**	**0.003**	**0.001**	**0.001**	**0.004**	**0.022**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.009**	**0.002**	**0.001**		**0.002**	**0.024**	**0.001**	
# SAMPLES (IN STATISTICS)				**3**	**3**	**2**	**1**	**4**	**5**	**3**	**1**

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **NEAR PROV.MILL,EASTERN GAP THUNDER BAY**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-004-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0339500.0 5368400.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1015		.3	1	20067	336	356	72	8.5	10.4	2.2	0.012	0.003	90.00
81 06 15 0930		.3	1	20091	1100	13100	76	12.0	9.8	2.8	0.018	0.006	100.00
81 08 04 1030		.3	1	20115	130C	9000	12	21.0	6.0	5.0	0.012	0.004	110.00
81 08 24 1043		.3	1	20139	500I	6900	40I	18.0	8.5	1.0	0.010	0.005	110.00
81 09 14 0950		.3	1	20160	190	1400	70I	17.0	7.0	1.7	0.016	0.003	60.00
81 10 19 1050		.3	1	20184	100I	26000	24	6.5	9.6	0.8	0.013	0.003	90.00
	MAXIMUM				**1100**	**26000**	**76**	**21.0**	**10.4**	**5.0**	**0.018**	**0.006**	**110.00**
	ARITH MEAN				**393**	**9459**	**49**	**13.8**	**8.5**	**2.2**	**0.013**	**0.004**	**93.33**
	GEOM MEAN				**277**	**4683**	**40**	**12.7**	**8.4**	**1.9**	**0.013**	**0.004**	**91.53**
	MINIMUM				**100**	**356**	**12**	**6.5**	**6.0**	**0.8**	**0.010**	**0.003**	**60.00**
	STD DEV (GEOM *)				**2***	**5***	**2***	**5.7**	**1.7**	**1.5**	**0.003**	**0.001**	**18.62**
	# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1015		.3	1	3.00	102.0	3.10	2.600	35.0	7.00	7.2	0.210	41.000	31.000
81 06 15 0930		.3	1	6.00	116.0	10.00	3.200	36.0	7.00	7.5	0.300	45.000	33.000
81 08 04 1030		.3	1	5.00	144.0	7.90	3.000	40.0	6.90	6.9	0.300	59.000	24.000
81 08 24 1043		.3	1	3.00	114.0	2.10	2.400	43.0	7.50		0.077	47.000	18.000
81 09 14 0950		.3	1	3.00	110.0	3.50	2.500	44.0	7.20	6.9		47.000	16.000
81 10 19 1050		.3	1	5.00	122.0	6.60	3.700	44.0	7.50	6.8	0.380	49.000	20.000
	MAXIMUM			**6.00**	**144.0**	**10.00**	**3.700**	**44.0**	**7.50**	**7.5**	**0.380**	**59.000**	**33.000**
	ARITH MEAN			**4.17**	**118.0**	**5.53**	**2.900**	**40.3**	**7.18**	**7.1**	**0.253**	**48.000**	**23.667**
	GEOM MEAN			**3.99**	**117.3**	**4.78**	**2.866**	**40.2**	**7.18**	**7.1**	**0.223**	**47.702**	**22.825**
	MINIMUM			**3.00**	**102.0**	**2.10**	**2.400**	**35.0**	**6.90**	**6.8**	**0.077**	**41.000**	**16.000**
	STD DEV (GEOM *)			**1.33**	**14.4**	**3.12**	**0.498**	**4.0**	**0.26**	**0.3**	**0.116**	**6.033**	**7.005**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**	**6**	**5**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 05 19 1015		.3	1	0.001<	0.002	0.002	0.001<	0.004	0.028	0.002	0.001<
81 06 15 0930		.3	1						0.037		
81 08 04 1030		.3	1						0.034		
81 08 24 1043		.3	1	0.001<	0.001<	0.001<	0.001<	0.002	0.011	0.005	0.001<
81 10 19 1050		.3	1	0.008	0.004	0.001<	0.001<	0.002	0.018	0.008	0.001
	MAXIMUM			**0.008**	**0.004**	**0.002**		**0.004**	**0.037**	**0.008**	**0.001**
	ARITH MEAN			**0.008**	**0.003**	**0.002**		**0.003**	**0.026**	**0.005**	**0.001**
	GEOM MEAN				**0.003**			**0.003**	**0.023**	**0.004**	
	MINIMUM			**0.008**	**0.002**	**0.002**		**0.002**	**0.011**	**0.002**	**0.001**
	STD DEV (GEOM *)				**0.001**			**0.001**	**0.011**	**0.003**	
	# SAMPLES (IN STATISTICS)			**1**	**2**	**1**		**3**	**5**	**3**	**1**

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **NEAR ABITIBI THUNDER BAY PAPER MILL SLIP**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-005-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0340425.0 5370550.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1000		.3	1	20065	4<	4<	4<	6.5	12.5	0.4	0.005	0.002	80.00
81 06 22 0905		.3	1	20089	4<	88	4<	9.5	11.4	0.4	0.006	0.005	70.00
81 08 04 1015		.3	1	20113	300I	20000	32	18.5	9.5	3.3	0.010	0.003	100.00
81 08 24 1100		.3	1	20137	60	800	4	19.0	9.2	0.5	0.006	0.003	70.00
81 09 14 0940		.3	1	20162	136	800	28	16.5	8.4	1.0	0.005	0.002	60.00
81 10 19 1045		.3	1	20186	16	484	4<	6.5	12.2	0.3	0.005	0.001	60.00
	MAXIMUM				**300**	**20000**	**32**	**19.0**	**12.5**	**3.3**	**0.010**	**0.006**	**100.00**
	ARITH MEAN				**128**	**4434**	**21**	**12.7**	**10.5**	**1.0**	**0.006**	**0.003**	**73.33**
	GEOM MEAN				**79**	**886**	**15**	**11.5**	**10.4**	**0.7**	**0.006**	**0.002**	**72.15**
	MINIMUM				**16**	**88**	**4**	**6.5**	**8.4**	**0.3**	**0.005**	**0.001**	**60.00**
	STD DEV (GEOM *)				**3***	**7***	**3***	**5.9**	**1.7**	**1.2**	**0.002**	**0.001**	**15.06**
	# SAMPLES (IN STATISTICS)				**4**	**5**	**3**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1000		.3	1	1.00	104.0	0.60	1.900	42.0	7.60	7.4	0.049	43.000	11.000
81 06 22 0905		.3	1	1.00	105.0	0.50	1.800	43.0	7.60	6.8	0.050	42.000	9.000
81 08 04 1015		.3	1	3.00	112.0	1.30	2.400	42.0	7.70	7.9		44.000	16.000
81 08 24 1100		.3	1	3.00	106.0	1.30	2.000	42.0	7.90		0.049	47.000	11.000
81 09 14 0940		.3	1	1.00	104.0	0.60	1.800	42.0	7.70	7.2		44.000	8.000
81 10 19 1045		.3	1	1.00	107.0	1.00	1.900	42.0	7.70	7.4	0.036	47.000	11.000
	MAXIMUM			**3.00**	**112.0**	**1.30**	**2.400**	**43.0**	**7.90**	**7.9**	**0.050**	**47.000**	**16.000**
	ARITH MEAN			**1.67**	**106.3**	**0.88**	**1.967**	**42.2**	**7.70**	**7.3**	**0.046**	**44.500**	**11.000**
	GEOM MEAN			**1.44**	**106.3**	**0.82**	**1.957**	**42.2**	**7.70**	**7.3**	**0.046**	**44.460**	**10.738**
	MINIMUM			**1.00**	**104.0**	**0.50**	**1.800**	**42.0**	**7.60**	**6.8**	**0.036**	**42.000**	**8.000**
	STD DEV (GEOM *)			**1.03**	**3.0**	**0.37**	**0.225**	**0.4**	**0.11**	**0.4**	**0.007**	**2.074**	**2.757**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**	**6**	**5**	**4**	**6**	**6**

(CONTD)

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **NEAR ABITIBI THUNDER BAY PAPER MILL SLIP**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-005-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0340425.0 5370550.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*	*CCNAUR*
81 05 19 1000	.3	1		0.001<	0.001<	0.009	0.004	0.001<	0.001<	0.004	0.003	0.002	0.010<
81 06 22 0905	.3	1								0.003			
81 08 24 1100	.3	1		0.002	0.001<	0.003	0.001	0.001<	0.007	0.004	0.001	0.001<	0.010<
81 10 19 1045	.3	1		0.001<	0.001<	0.002	0.001<	0.001	0.001	0.002	0.002	0.001<	0.010<
MAXIMUM				**0.002**		**0.009**	**0.004**	**0.001**	**0.007**	**0.004**	**0.003**	**0.002**	
ARITH MEAN				**0.002**		**0.005**	**0.002**	**0.001**	**0.004**	**0.003**	**0.002**	**0.002**	
GEOM MEAN						**0.004**	**0.002**		**0.003**	**0.003**	**0.002**		
MINIMUM				**0.002**		**0.002**	**0.001**	**0.001**	**0.001**	**0.002**	**0.001**	**0.002**	
STD DEV (GEOM *)						**0.004**	**0.002**		**0.004**	**0.001**	**0.001**		
# SAMPLES (IN STATISTICS)				**1**		**3**	**2**	**1**	**2**	**4**	**3**	**1**	

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **AT ABITIBI THUNDER BAY PAPER MILL DITCH**
STATION TYPE: **LAKE**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
STATION ID: **01-0000-006-01**
STORET CODE: **02 001**
LAT: LONG: U T M: **16 0340100.0 5370100.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	RESIDUE TOTAL MG/L
TEST-NAME:				*SAMPLE*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*RST*
81 05 19 1005	.3	1		20066	68C	380	4<	8.5	9.4	25.0	0.030	0.005	220.00
81 06 27 0910	.3	1		20090	36	752	4<	9.0	11.4	2.6	0.008	0.005	70.00
81 08 24 1105	.3	1		20138	70I	680	4	19.0	9.5	1.0	0.007	0.002	50.00
81 09 14 0945	.3	1		20163	1600C	40000	4	16.5	6.8	63.0	0.110	0.011	470.00
81 10 19 1040	.3	1		20187	10<	80I	4<	6.5	11.9	0.2	0.005	0.001	60.00
MAXIMUM					**1600**	**40000**	**4**	**19.0**	**11.9**	**63.0**	**0.110**	**0.011**	**470.00**
ARITH MEAN					**443**	**8378**	**4**	**11.9**	**9.8**	**18.4**	**0.032**	**0.005**	**174.00**
GEOM MEAN					**129**	**909**	**4**	**10.9**	**9.6**	**3.8**	**0.016**	**0.004**	**116.77**
MINIMUM					**36**	**80**	**4**	**6.5**	**6.8**	**0.2**	**0.005**	**0.001**	**50.00**
STD DEV (GEOM *)					**6***	**10***	**0***	**5.5**	**2.0**	**27.0**	**0.045**	**0.004**	**179.53**
# SAMPLES (IN STATISTICS)					**4**	**5**	**2**	**5**	**5**	**5**	**5**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*
81 05 19 1005	.3	1		6.00	150.0	3.40	3.400	39.0	6.90	7.25	0.420	49.000	42.000
81 06 27 0910	.3	1		2.00	106.0	0.60	1.800	43.0	7.40	6.7	0.100	44.000	12.000
81 08 24 1105	.3	1		3.00	108.0	1.30	2.000	42.0	7.90		0.058	45.000	16.000
81 09 14 0945	.3	1		9.00	235.0	13.00	6.000	33.0	6.50	6.9		48.000	82.000
81 10 19 1040	.3	1		1.00	106.0	0.80	1.800	42.0	7.70	7.5	0.051	45.000	9.000
MAXIMUM				**9.00**	**235.0**	**13.00**	**6.000**	**43.0**	**7.90**	**7.5**	**0.420**	**49.000**	**82.000**
ARITH MEAN				**4.20**	**141.0**	**3.82**	**3.000**	**39.8**	**7.28**	**7.0**	**0.157**	**46.200**	**32.200**
GEOM MEAN				**3.18**	**133.7**	**1.94**	**2.656**	**39.6**	**7.26**	**7.0**	**0.106**	**46.160**	**22.642**
MINIMUM				**1.00**	**106.0**	**0.60**	**1.800**	**33.0**	**6.50**	**6.7**	**0.051**	**44.000**	**9.000**
STD DEV (GEOM *)				**3.27**	**55.8**	**5.25**	**1.806**	**4.1**	**0.58**	**0.3**	**0.176**	**2.168**	**30.760**
# SAMPLES (IN STATISTICS)				**5**	**5**	**5**	**5**	**5**	**5**	**4**	**4**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 05 19 1005	.3	1		0.001<	0.006	0.009	0.001<	0.007	0.068	0.001<	0.001
81 06 27 0910	.3	1							0.006		
81 08 24 1105	.3	1		0.002	0.004	0.001<	0.001<	0.004	0.003	0.003	0.001<
81 10 19 1040	.3	1		0.001<	0.001	0.001<	0.001	0.002	0.002	0.001<	0.001<
MAXIMUM				**0.002**	**0.006**	**0.009**	**0.001**	**0.007**	**0.068**	**0.003**	**0.001**
ARITH MEAN				**0.002**	**0.004**	**0.009**	**0.001**	**0.004**	**0.020**	**0.003**	**0.001**
GEOM MEAN					**0.003**			**0.004**	**0.007**		
MINIMUM				**0.002**	**0.001**	**0.009**	**0.001**	**0.002**	**0.002**	**0.003**	**0.001**
STD DEV (GEOM *)					**0.003**			**0.003**	**0.032**		
# SAMPLES (IN STATISTICS)				**1**	**3**	**1**	**1**	**3**	**4**	**1**	**1**

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **3.5 MILE.OF WELCOME ISL.LIGHTHOUSE**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-007-01**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0345600.0 5362250.0 4** REGION: **06**

TEST-NAME:	SAMPLE	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	RST
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	RESIDUE TOTAL MG/L
81 05 19 0945 .3 1	20064	4<	4<	4<	4.0	12.8	0.6	0.009	0.002	50.00
81 06 22 0850 .3 1	20086	4<	4	4<	9.0	11.4	0.4	0.005	0.004	60.00
81 08 04 0950 .3 1	20110	104	56	4<	20.0	9.6	0.3	0.005	0.001	70.00
81 09 14 0930 .3 1	20164	204	320		17.0	9.2	0.9	0.003	0.003	60.00
81 10 19 1030 .3 1	20188	24	176	4<	7.0	12.8	0.2	0.004	0.001	60.00
MAXIMUM		**204**	**320**		**20.0**	**12.8**	**0.9**	**0.009**	**0.004**	**70.00**
ARITH MEAN		**111**	**139**		**11.4**	**11.2**	**0.5**	**0.005**	**0.002**	**60.00**
GEOM MEAN		**80**	**60**		**9.7**	**11.1**	**0.4**	**0.005**	**0.002**	**59.66**
MINIMUM		**24**	**4**		**4.0**	**9.2**	**0.2**	**0.003**	**0.001**	**50.00**
STD DEV (GEOM *)		**3***	**7***		**6.8**	**1.7**	**0.3**	**0.002**	**0.001**	**7.07**
# SAMPLES (IN STATISTICS)		**3**	**4**		**5**	**5**	**5**	**5**	**5**	**5**

TEST-NAME:	RSP	COND25	TURB	CLIDUR	SSO4UR	ALKT	PH	FWPH	FEUT	HARDT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3
81 05 19 0945 .3 1	1.00	102.0	0.35	1.900	4.000	41.0	7.50	7.7	0.061	43.000
81 06 22 0850 .3 1	1.00	104.0	0.40	1.700	3.100	43.0	7.50	7.1	0.033	42.000
81 08 04 0950 .3 1	1.00	102.0	0.40	2.000	4.300	43.0	7.90	8.4	0.022	44.000
81 09 14 0930 .3 1	1.00	96.0	0.25	1.700		42.0	7.90	7.2	0.018	45.000
81 10 19 1030 .3 1	1.00	104.0	0.40	1.500		42.0	7.80	7.2		45.000
MAXIMUM	**1.00**	**104.0**	**0.40**	**2.000**	**4.300**	**43.0**	**7.90**	**8.4**	**0.061**	**45.000**
ARITH MEAN	**1.00**	**101.6**	**0.36**	**1.760**	**3.800**	**42.2**	**7.72**	**7.5**	**0.033**	**43.800**
GEOM MEAN	**1.00**	**101.6**	**0.35**	**1.751**	**3.764**	**42.2**	**7.72**	**7.5**	**0.030**	**43.784**
MINIMUM	**1.00**	**96.0**	**0.25**	**1.500**	**3.100**	**41.0**	**7.50**	**7.1**	**0.018**	**42.000**
STD DEV (GEOM *)	**0.00**	**3.3**	**0.07**	**0.195**	**0.624**	**0.8**	**0.20**	**0.5**	**0.019**	**1.304**
# SAMPLES (IN STATISTICS)	**5**	**5**	**5**	**5**	**3**	**5**	**5**	**5**	**4**	**5**

TEST-NAME:	COLAP	ASUT	ALUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
81 05 19 0945 .3 1	12.000	0.001<		0.001	0.004	0.006	0.001<	0.001<	0.003	0.001
81 06 22 0850 .3 1	9.000		0.011	0.001<	0.001	0.003	0.005	0.001	0.001	0.001<
81 08 04 0950 .3 1	8.000			0.001<	0.001<			0.001	0.001	
81 09 14 0930 .3 1	4.000			0.001<	0.002	0.001<	0.001	0.009	0.001	0.001
81 10 19 1030 .3 1	7.000	0.001<	0.016	0.001<	0.002	0.003	0.001<	0.001		0.001
MAXIMUM	**12.000**		**0.016**	**0.001**	**0.004**	**0.006**	**0.005**	**0.009**	**0.003**	**0.001**
ARITH MEAN	**8.000**		**0.013**	**0.001**	**0.002**	**0.004**	**0.003**	**0.003**	**0.001**	**0.001**
GEOM MEAN	**7.529**		**0.013**		**0.002**	**0.004**	**0.002**	**0.002**	**0.001**	**0.001**
MINIMUM	**4.000**		**0.011**	**0.001**	**0.001**	**0.003**	**0.001**	**0.001**	**0.001**	**0.001**
STD DEV (GEOM *)	**2.915**		**0.004**		**0.001**	**0.002**	**0.003**	**0.004**	**0.001**	**0.000**
# SAMPLES (IN STATISTICS)	**5**		**2**	**1**	**4**	**3**	**2**	**4**	**4**	**3**

TEST-NAME:	COUT	CCNAUR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 19 0945 .3 1	0.002	0.010<
81 06 22 0850 .3 1	0.002	
81 09 14 0930 .3 1	0.001	
81 10 19 1030 .3 1	0.001<	
MAXIMUM	**0.002**	
ARITH MEAN	**0.002**	
GEOM MEAN	**0.002**	
MINIMUM	**0.001**	
STD DEV (GEOM *)	**0.001**	
# SAMPLES (IN STATISTICS)	**3**	

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **2.5 KILOMETERS EAST OF MCKELLAR ISLAND**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-010-01**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0339800.0 5359800.0 4** REGION: **06**

TEST-NAME:	SAMPLE	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
81 05 19 0930 .3 1	20062	1500>	1310	200	7.5	10.6	1.1	0.014	0.003	
81 06 15 1130 .3 1	20087	2500	300C	16	10.0	11.2	0.3	0.009	0.003	0.010<
81 08 04 0930 .3 1	20111	80I	90I	4<	19.0	9.8	0.1	0.005	0.001	
81 08 24 1300 .3 1	20135	172	232	4<	18.0	9.8	1.2	0.110	0.050	
81 09 14 1015 .3 1	20165	108	120	4<	16.5	9.0	0.4	0.008	0.002	
81 10 19 1025 .3 1	20189	16	128	4<	7.5	11.5	0.2	0.004	0.001	
MAXIMUM		**2500**	**1310**	**200**	**19.0**	**11.5**	**1.2**	**0.110**	**0.050**	
ARITH MEAN		**575**	**363**	**108**	**13.1**	**10.3**	**0.5**	**0.025**	**0.010**	
GEOM MEAN		**143**	**224**	**57**	**12.1**	**10.3**	**0.4**	**0.011**	**0.003**	
MINIMUM		**16**	**90**	**16**	**7.5**	**9.0**	**0.1**	**0.004**	**0.001**	
STD DEV (GEOM *)		**6***	**3***	**6***	**5.3**	**1.0**	**0.5**	**0.042**	**0.020**	
# SAMPLES (IN STATISTICS)		**5**	**6**	**2**	**6**	**6**	**6**	**6**	**6**	

(CONTD)

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **2.5 KILOMETERS EAST OF MCKELLAR ISLAND**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-010-01**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0339800.0 5359800.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 05 19 0930		.3	1							90.00	3.00	113.0	1.70
81 06 15 1130		.3	1	0.160	0.003	0.250	0.263	0.150	0.413	70.00	2.00	107.0	0.85
81 08 04 0930		.3	1							60.00	1.00	105.0	0.40
81 08 24 1300		.3	1							120.00	7.00	160.0	2.30
81 09 14 1015		.3	1							70.00	1.00	102.0	0.30
81 10 19 1025		.3	1							40.00	1.00	106.0	0.60
	MAXIMUM			**0.160**	**0.003**	**0.250**	**0.263**	**0.150**	**0.413**	**120.00**	**7.00**	**160.0**	**2.30**
	ARITH MEAN			**0.160**	**0.003**	**0.250**	**0.263**	**0.150**	**0.413**	**75.00**	**2.50**	**115.5**	**1.02**
	GEOM MEAN									**70.90**	**1.86**	**114.0**	**0.79**
	MINIMUM			**0.160**	**0.003**	**0.250**	**0.263**	**0.150**	**0.413**	**40.00**	**1.00**	**102.0**	**0.30**
	STD DEV (GEOM *)									**27.39**	**2.35**	**22.1**	**0.80**
	# SAMPLES (IN STATISTICS)			**1**	**1**	**1**	**1**	**1**	**1**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 05 19 0930		.3	1	2.300	7.100		40.0	7.20	7.4	0.190	45.000	40.000	
81 06 15 1130		.3	1	2.400	4.000	3.000	42.0	7.60	7.5	0.200	43.000	13.000	
81 08 04 0930		.3	1	2.000	4.200		42.0	7.80	8.1	0.050<	44.000	9.000	
81 08 24 1300		.3	1	8.500	12.000		47.0	7.00		0.012	50.000	43.000	
81 09 14 1015		.3	1	1.800			43.0	8.00	6.9		44.000	6.000	
81 10 19 1025		.3	1	2.000			43.0	7.70	7.0		45.000	7.000	0.001<
	MAXIMUM			**8.500**	**12.000**	**3.000**	**47.0**	**8.00**	**8.1**	**0.200**	**50.000**	**43.000**	
	ARITH MEAN			**3.167**	**6.825**	**3.000**	**42.8**	**7.55**	**7.4**	**0.134**	**46.167**	**19.667**	
	GEOM MEAN			**2.639**	**6.151**		**42.8**	**7.54**	**7.4**	**0.077**	**45.112**	**14.272**	
	MINIMUM			**1.800**	**4.000**	**3.000**	**40.0**	**7.00**	**6.9**	**0.012**	**43.000**	**6.000**	
	STD DEV (GEOM *)			**2.622**	**3.729**		**2.3**	**0.38**	**0.5**	**0.106**	**2.483**	**17.107**	
	# SAMPLES (IN STATISTICS)			**6**	**4**	**1**	**6**	**6**	**5**	**3**	**6**	**6**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 05 19 0930		.3	1		0.002	0.008	0.007	0.001	0.001	0.014	0.001<	0.002
81 06 15 1130		.3	1							0.006		
81 08 04 0930		.3	1							0.003		
81 08 24 1300		.3	1		0.003	0.001	0.001<	0.001<	0.003	0.002	0.002	0.001<
81 10 19 1025		.3	1	0.035	0.001<	0.008	0.005	0.001<	0.002		0.001<	0.003
	MAXIMUM			**0.035**	**0.003**	**0.008**	**0.007**	**0.001**	**0.003**	**0.014**	**0.002**	**0.003**
	ARITH MEAN			**0.035**	**0.002**	**0.006**	**0.006**	**0.001**	**0.002**	**0.006**	**0.002**	**0.002**
	GEOM MEAN				**0.002**	**0.004**	**0.006**		**0.002**	**0.005**		**0.002**
	MINIMUM			**0.035**	**0.002**	**0.001**	**0.005**	**0.001**	**0.001**	**0.002**	**0.002**	**0.002**
	STD DEV (GEOM *)				**0.001**	**0.004**	**0.001**		**0.001**	**0.005**		**0.001**
	# SAMPLES (IN STATISTICS)			**1**	**2**	**3**	**2**	**1**	**3**	**4**	**1**	**2**

B.O.W./ SITE: **LAKE SUPERIOR**
SAMPLE POINT: **2 KM EAST OF NORTHERN WOOD PRESERVES**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0000-011-01**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0339850.0 5365200.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L
81 05 19 1030		.3	1	20063	880	960	32	7.5	10.6	0.9	0.017	0.004	80.00
81 06 15 0840		.3	1	20088	180	240	4<	10.0	9.0	0.8	0.008	0.005	60.00
81 08 04 1130		.3	1	20112	10<	40I	2<	19.0	9.8	0.1	0.003	0.002	80.00
81 08 24 1117		.3	1	20136	196	176	28	18.0	9.4	0.3	0.005	0.001	60.00
81 09 14 1005		.3	1	20166	76	80	4<	16.5	9.0	0.8	0.007	0.002	50.00
81 10 19 1115		.3	1	20190	28	164	4	7.0	10.4	0.2	0.004	0.001<	50.00
	MAXIMUM				**880**	**960**	**32**	**19.0**	**10.6**	**0.9**	**0.017**	**0.005**	**80.00**
	ARITH MEAN				**272**	**277**	**21**	**13.0**	**9.7**	**0.5**	**0.007**	**0.003**	**63.33**
	GEOM MEAN				**146**	**166**	**15**	**12.0**	**9.7**	**0.4**	**0.006**	**0.002**	**62.14**
	MINIMUM				**28**	**40**	**4**	**7.0**	**9.0**	**0.1**	**0.003**	**0.001**	**50.00**
	STD DEV (GEOM *)				**4***	**3***	**3***	**5.4**	**0.7**	**0.4**	**0.005**	**0.002**	**13.66**
	# SAMPLES (IN STATISTICS)				**5**	**6**	**3**	**6**	**6**	**6**	**6**	**5**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 05 19 1030		.3	1	3.00	112.0	1.60	3.600	6.300	41.0	7.20	7.5	0.190	47.000
81 06 15 0840		.3	1	7.00	106.0	0.95	2.000	3.600	41.0	7.50	7.3	0.150	42.000
81 08 04 1130		.3	1	1.00	102.0	0.45	2.000		45.0	8.30	8.3	0.050<	44.000
81 08 24 1117		.3	1	1.00	107.0	0.35	1.900	3.000	42.0	8.20		0.013	45.000
81 09 14 1005		.3	1	1.00	104.0	0.50	1.800		42.0	7.90	6.9		44.000
81 10 19 1115		.3	1	1.00	106.0	0.70	1.800		43.0	7.70	7.4		47.000
	MAXIMUM			**7.00**	**112.0**	**1.60**	**3.600**	**6.300**	**45.0**	**8.30**	**8.3**	**0.190**	**47.000**
	ARITH MEAN			**2.33**	**106.2**	**0.76**	**2.183**	**4.300**	**42.3**	**7.80**	**7.5**	**0.118**	**44.833**
	GEOM MEAN			**1.66**	**106.1**	**0.66**	**2.112**	**4.082**	**42.3**	**7.79**	**7.5**	**0.072**	**44.798**
	MINIMUM			**1.00**	**102.0**	**0.35**	**1.800**	**3.000**	**41.0**	**7.20**	**6.9**	**0.013**	**42.000**
	STD DEV (GEOM *)			**2.42**	**3.4**	**0.46**	**0.700**	**1.758**	**1.5**	**0.42**	**0.5**	**0.093**	**1.941**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**3**	**6**	**6**	**5**	**3**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*COLAP*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 05 19 1030		.3	1	34.000			0.006	0.005	0.004	0.001<	0.001<	0.014	0.001<
81 06 15 0840		.3	1	18.000								0.006	
81 08 04 1130		.3	1	9.000									
81 08 24 1117		.3	1	10.000			0.003	0.001<	0.001<	0.001<	0.003	0.003	0.004
81 09 14 1005		.3	1	6.000									
81 10 19 1115		.3	1	7.000	0.001<	0.023	0.001<	0.003	0.001<	0.001<	0.003		0.001
MAXIMUM				**34.000**		**0.023**	**0.006**	**0.005**	**0.004**		**0.003**	**0.014**	**0.004**
ARITH MEAN				**14.000**		**0.023**	**0.004**	**0.004**	**0.004**		**0.003**	**0.008**	**0.002**
GEOM MEAN				**11.500**			**0.004**	**0.004**			**0.003**	**0.006**	**0.002**
MINIMUM				**6.000**		**0.023**	**0.003**	**0.003**	**0.004**		**0.003**	**0.003**	**0.001**
STD DEV (GEOM *)				**10.677**			**0.002**	**0.001**			**0.000**	**0.006**	**0.002**
# SAMPLES (IN STATISTICS)				**6**		**1**	**2**	**2**	**1**		**2**	**3**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*COUT*
81 05 19 1030		.3	1	0.002
81 08 24 1117		.3	1	0.001<
81 10 19 1115		.3	1	0.001<
MAXIMUM				**0.002**
ARITH MEAN				**0.002**
GEOM MEAN				
MINIMUM				**0.002**
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				**1**

B.O.W./ SITE: **MONTREAL RIVER**
SAMPLE POINT: **HIGHWAY NO 17 66 MILES SOUTH OF WAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02BE002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **01-0009-001-02**
STORET CODE: **02 001 0410**

LAT: LONG: U T M: **16 0678200.0 5234175.0 4** REGION: **05** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 31 1405		.3	1	23715	31.100	1.0	11.0	0.010	0.001<	0.092	0.520	0.004	0.166
81 05 16 1340		.3	1	23743	71.400	6.0	10.00	0.009	0.001	0.068	0.37		
81 06 28 1335		.3	1	23758	59.400	12.0		0.020	0.001<T	0.004	0.35		
81 08 10 0900		.3	1	23777	46.400	15.0	9.00	0.008	0.002	0.004	0.30		
81 10 09 1415		.3	1	23792	25.700	10.0	11.00	0.244	0.180	0.020	0.39		
81 11 21 1550		.3	1	23810	22.100	4.0	11.00	0.015	0.002	0.020	0.28		
MAXIMUM					**71.400**	**15.0**	**11.0**	**0.244**	**0.180**	**0.092**	**0.520**	**0.004**	**0.166**
ARITH MEAN					**42.683**	**8.0**	**10.4**	**0.051**	**0.037<A**	**0.035**	**0.36**	**0.004**	**0.166**
GEOM MEAN					**38.921**	**5.9**	**10.3**	**0.019**	**0.004<A**	**0.018**	**0.36**		
MINIMUM					**22.100**	**1.0**	**9.00**	**0.008**	**0.001**	**0.004**	**0.28**	**0.004**	**0.166**
STD DEV (GEOM *)					**19.820**	**5.3**	**0.8**	**0.095**	**0.080<A**	**0.037**	**0.08**		
# SAMPLES (IN STATISTICS)					**6**	**6**	**5**	**6**	**5**	**6**	**6**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*
81 01 31 1405		.3	1	0.262	0.428	0.690	46.0	2.0	44.000	68.0	0.59	0.750	
81 05 16 1340		.3	1		0.302			2		56	0.70	0.50	19
81 06 28 1335		.3	1		0.346			1 <T		49	0.35	0.45	16
81 08 10 0900		.3	1		0.296			0.1<W		52	0.65	0.30	19
81 10 09 1415		.3	1		0.370			2.0		58	0.49	0.40	21
81 11 21 1550		.3	1		0.260			0.1<W		57	0.73	0.50	21
MAXIMUM				**0.262**	**0.428**	**0.690**	**46.0**	**2.0**	**44.000**	**68.0**	**0.73**	**0.750**	**21**
ARITH MEAN				**0.262**	**0.334**	**0.690**	**46.0**	**1 <A**	**44.000**	**56**	**0.58**	**0.48**	**19**
GEOM MEAN					**0.329**			**0 <A**		**56**	**0.57**	**0.46**	**19**
MINIMUM				**0.262**	**0.260**	**0.690**	**46.0**	**0.1**	**44.000**	**49**	**0.35**	**0.30**	**16**
STD DEV (GEOM *)					**0.060**			**0 <A**		**6**	**0.14**	**0.15**	**2**
# SAMPLES (IN STATISTICS)				**1**	**6**	**1**	**1**	**6**	**1**	**6**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 31 1405		.3	1	7.05			0.120	0.008	0.003<	0.015	0.008
81 05 16 1340		.3	1	7.19	1<T	0.16		0.011	0.003<	0.003	
81 06 28 1335		.3	1	7.16	1<T	0.12		0.001<	0.003<	0.006	
81 08 10 0900		.3	1	7.32	1	0.13		0.003	0.003<	0.002	
81 10 09 1415		.3	1	7.45	1<T	0.16		0.004	0.003<	0.002	
81 11 21 1550		.3	1	7.43	1<T	0.17		0.001	0.003<	0.003	
MAXIMUM				**7.45**	**1**	**0.17**	**0.120**	**0.011**		**0.015**	**0.008**
ARITH MEAN				**7.27**	**1<A**	**0.15**	**0.120**	**0.005**		**0.005**	**0.008**
GEOM MEAN				**7.27**	**1<A**	**0.15**		**0.004**		**0.004**	
MINIMUM				**7.05**	**1**	**0.12**	**0.120**	**0.001**		**0.002**	**0.008**
STD DEV (GEOM *)				**0.16**	**0<A**	**0.02**		**0.004**		**0.005**	
# SAMPLES (IN STATISTICS)				**6**	**5**	**5**	**1**	**5**		**6**	**1**

B.O.W./ SITE: **AGAWA RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **AGAWA RIVER**

STATION ID: **01-0012-001-02**
STORET CODE: **02 001 0470**

LAT: LONG: U T M: **16 0678450.0 5247525.0 4** REGION: **05** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 31 1430		.3	1	23716	0.0	10.0	0.006	0.001<	0.182	0.660	0.002	0.328	0.512
81 05 16 1430		.3	1	23744	12.0	10.00	0.008	0.001<T	0.032	0.27			
81 06 28 1400		.3	1	23759	12.0		0.005	0.002	0.018	0.19			
81 08 10 0920		.3	1	23778	19.0	8.00	0.005	0.001	0.026	0.18			
81 10 09 1455		.3	1	23793	9.0	11.00	0.024	0.003	0.016	0.25			
81 11 21 1615		.3	1	23811	0.0	12.00	0.120	0.100	0.002	0.20			
MAXIMUM					**19.0**	**12.00**	**0.120**	**0.100**	**0.182**	**0.660**	**0.002**	**0.328**	**0.512**
ARITH MEAN					**13.0**	**10.2**	**0.028**	**0.021<A**	**0.046**	**0.29**	**0.002**	**0.328**	**0.512**
GEOM MEAN					**12.5**	**10.1**	**0.012**	**0.004<A**	**0.021**	**0.25**			
MINIMUM					**9.0**	**8.00**	**0.005**	**0.001**	**0.002**	**0.18**	**0.002**	**0.328**	**0.512**
STD DEV (GEOM *)					**4.2**	**1.4**	**0.046**	**0.044<A**	**0.067**	**0.18**			
# SAMPLES (IN STATISTICS)					**4**	**5**	**6**	**5**	**6**	**6**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*
81 01 31 1430		.3	1	0.478	0.990	44.0	1.0	43.000	66.0	0.47	1.650		6.42
81 05 16 1430		.3	1	0.238			2		34	0.55	0.35	8	7.02
81 06 28 1400		.3	1	0.172			1 <T		38	0.46	0.40	12	7.33
81 08 10 0920		.3	1	0.154			0.1<W		60	0.48	0.65	22	7.46
81 10 09 1455		.3	1	0.234			2.0		50	0.50	0.70	16	7.18
81 11 21 1615		.3	1	0.198			0.4		41	0.37	0.60	11	7.03
MAXIMUM				**0.478**	**0.990**	**44.0**	**2**	**43.000**	**66.0**	**0.55**	**1.650**	**22**	**7.46**
ARITH MEAN				**0.246**	**0.990**	**44.0**	**1 <A**	**43.000**	**48**	**0.47**	**0.72**	**14**	**7.07**
GEOM MEAN				**0.228**			**0 <A**		**46**	**0.47**	**0.63**	**13**	**7.07**
MINIMUM				**0.154**	**0.990**	**44.0**	**0.1**	**43.000**	**34**	**0.37**	**0.35**	**8**	**6.42**
STD DEV (GEOM *)				**0.119**			**0 <A**		**12**	**0.06**	**0.47**	**5**	**0.36**
# SAMPLES (IN STATISTICS)				**6**	**1**	**1**	**6**	**1**	**6**	**6**	**6**	**5**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PHNOL*	*FEUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 31 1430		.3	1			0.059	0.004	0.003<	0.005	0.003<
81 05 16 1430		.3	1	1<T	0.07		0.004	0.003<	0.003	
81 06 28 1400		.3	1	1<T	0.08		0.001<	0.003<	0.001<	
81 08 10 0920		.3	1	1	0.04		0.001<	0.003<	0.001<	
81 10 09 1455		.3	1	1<T	0.11		0.003	0.003	0.002	
81 11 21 1615		.3	1	1<T	0.07		0.001<	0.003<	0.005	
MAXIMUM				**1**	**0.11**	**0.059**	**0.004**	**0.003**	**0.005**	
ARITH MEAN				**1<A**	**0.07**	**0.059**	**0.004**	**0.003**	**0.004**	
GEOM MEAN				**1<A**	**0.07**		**0.004**		**0.003**	
MINIMUM				**1**	**0.04**	**0.059**	**0.003**	**0.003**	**0.002**	
STD DEV (GEOM *)				**0<A**	**0.03**		**0.001**		**0.001**	
# SAMPLES (IN STATISTICS)				**5**	**5**	**1**	**3**	**1**	**4**	

B.O.W./ SITE: **MICHIPICOTEN RIVER**
SAMPLE POINT: **HIGHWAY 17 5 MILES SOUTH OF WAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02BD002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MICHIPICOTEN RIVER**

STATION ID: **01-0029-001-02**
STORET CODE: **02 001 0900**

LAT: LONG: U T M: **16 0664000.0 5309800.0 4** REGION: **05** DISTANCE: **6.115**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 21 0830		.3	1	24550	67.500	0.0	11.0	0.012	0.008				
81 03 16 1000		.3	1	24564	65.800	0.0	11.0	0.011	0.002				
81 04 27 0915		.3	1	24565	47.700	0.4	11.00	0.004	0.001<W	0.020	0.23	0.002	0.245
81 06 15 0930		.3		24566	47.100	14.0	11.00	0.008	0.001<T	0.014	0.24		
81 07 27 0730		.3	1	24567	67.400	15.0	10.00	0.013	0.001<T	0.012	0.25		
81 09 14 0930		.3	1	24568	63.700	16.0	11.00	0.012	0.001	0.024	0.20		
81 10 14 0945		.3	1	24569	35.800	10.0	11.00	0.035	0.003	0.036	0.20	0.003	0.125
81 11 16 1030		.3	1	24570	29.300	5.0	11.00	0.045	0.026	0.020	0.25	0.003	0.140
81 12 09		.3	1	24571	67.500	0.0	10.00	0.015	0.001<T	0.016	0.22	0.001<T	0.140
MAXIMUM					**67.500**	**16.0**	**11.0**	**0.045**	**0.026**	**0.036**	**0.25**	**0.003**	**0.245**
ARITH MEAN					**54.644**	**10.1**	**10.7**	**0.017**	**0.005<A**	**0.020**	**0.23**	**0.002<A**	**0.162**
GEOM MEAN					**52.507**	**6.4**	**10.7**	**0.014**	**0.002<A**	**0.019**	**0.23**	**0.002<A**	**0.157**
MINIMUM					**29.300**	**0.4**	**10.00**	**0.004**	**0.001**	**0.012**	**0.20**	**0.001**	**0.125**
STD DEV (GEOM *)					**15.009**	**6.2**	**0.4**	**0.014**	**0.008<A**	**0.008**	**0.02**	**0.001<A**	**0.055**
# SAMPLES (IN STATISTICS)					**9**	**6**	**9**	**9**	**9**	**7**	**7**	**4**	**4**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
TEST-NAME:				NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	TURB	CLIDUR	ALKT
81 01 21 0830	.3	1						1.00	60.000	92.0			34.0
81 03 16 1000	.3	1						2.00	59.000	90.0			34.0
81 04 27 0915	.3	1	0.245	0.267	0.210	0.477		1	34	53	1.20	0.55	16
81 06 15 0930	.3				0.226			2		62	0.63	0.50	22
81 07 27 0730	.3	1			0.238			1.0 <T		70	1.20	0.55	26
81 09 14 0930	.3	1			0.176					80	0.47	0.55	29
81 10 14 0945	.3	1	0.130	0.164	0.164	0.328		2.0	74	91	0.63	0.65	35
81 11 16 1030	.3	1	0.145	0.163	0.230	0.393		1.2	150	230	0.68	0.80	24
81 12 09	.3	1	0.140	0.157	0.204	0.361		0.2	30	76	0.46	0.60	25
MAXIMUM			**0.245**	**0.267**	**0.238**	**0.477**		**2.00**	**150**	**230**	**1.20**	**0.80**	**35**
ARITH MEAN			**0.165**	**0.188**	**0.207**	**0.390**		**1 <A**	**67**	**93**	**0.75**	**0.60**	**27**
GEOM MEAN			**0.159**	**0.183**	**0.205**	**0.386**		**1 <A**	**58**	**85**	**0.70**	**0.59**	**26**
MINIMUM			**0.130**	**0.157**	**0.164**	**0.328**		**0.2**	**30**	**53**	**0.46**	**0.50**	**16**
STD DEV (GEOM *)			**0.054**	**0.053**	**0.028**	**0.064**		**0 <A**	**43**	**52**	**0.32**	**0.10**	**6**
# SAMPLES (IN STATISTICS)			**4**	**4**	**7**	**4**		**8**	**6**	**9**	**7**	**7**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				PH	PHNOL	FEUT	ASUT	HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT
81 01 21 0830	.3	1		7.67			0.001<	0.060<	0.001	0.005	0.004	0.0004	0.011
81 03 16 1000	.3	1		7.49			0.001<	0.040<	0.002 <	0.001<	0.003<	0.0004	0.009
81 04 27 0915	.3	1		7.38	1<T	0.08	0.001<	0.06 <	0.002 <	0.001<	0.003<	0.0002<	0.002
81 06 15 0930	.3			7.46	1<T	0.07		0.05 <	0.003	0.040	0.003<		0.001
81 07 27 0730	.3	1		7.52	1<T	0.09		0.04 <	0.0006	0.027	0.003<		0.001
81 09 14 0930	.3	1		7.51	1<T	0.09		0.04 <	0.0010<	0.001<	0.003<		0.001<
81 10 14 0945	.3	1		7.74	1<T	0.10	0.001<	0.04 <	0.0010<	0.023	0.003<	0.0002	0.001<
81 11 16 1030	.3	1		7.48	1<T	0.10	0.001<	0.08 <	0.0010<	0.001	0.003<	0.0001<	0.001
81 12 09	.3	1		7.75	1<T	0.08	0.001<	0.03	0.001 <	0.001<	0.003<	0.0001<	0.002
MAXIMUM				**7.75**	**1**	**0.10**		**0.03**	**0.003**	**0.040**	**0.004**	**0.0004**	**0.011**
ARITH MEAN				**7.56**	**1<A**	**0.09**		**0.03**	**0.001**	**0.019**	**0.004**	**0.0003**	**0.004**
GEOM MEAN				**7.55**	**1<A**	**0.09**			**0.001**	**0.010**		**0.0003**	**0.002**
MINIMUM				**7.38**	**1**	**0.07**		**0.03**	**0.0006**	**0.001**	**0.004**	**0.0002**	**0.001**
STD DEV (GEOM *)				**0.13**	**0<A**	**0.01**			**0.001**	**0.016**		**0.0001**	**0.004**
# SAMPLES (IN STATISTICS)				**9**	**7**	**7**		**1**	**3**	**5**	**1**	**3**	**7**

B.O.W./ SITE: **MAGPIE RIVER**
SAMPLE POINT: **HIGHWAY 17 1 MILE WEST OF WAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02BD003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MAGPIE RIVER**

STATION ID: **01-0029-002-02**
STORET CODE: **02 001 0920**

LAT: LONG: U T M: **16 0664500.0 5316325.0 4** REGION: **05** DISTANCE: **12.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWFLOW	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 01 21 0900	.3	1		24563	9.700	0.0	11.0	0.019	0.005	0.060	0.320	0.005	0.190
81 02 23 0930	.3	1		24551	10.200	0.0	11.0	0.010	0.002	0.032	0.290	0.008	0.322
81 03 16 1030	.3	1		24552	10.700	0.0	11.0	0.009	0.002				
81 04 27 0900	.3	1		24553	60.800			0.008	0.002	0.026	0.30	0.003	0.160
81 06 15 0900	.3			24554	25.700	17.0	10.00	0.012	0.001	0.026	0.28	0.019	0.080
81 07 27 0800	.3	1		24555	8.240	16.0	9.00	0.010	0.001<T	0.008	0.24	0.003	0.095
81 09 14 0900	.3	1		24556	3.510	13.0	11.00	0.006	0.002	0.036	0.18	0.013	0.210
81 10 14 0915	.3	1		24557	3.450	12.0	1.00	0.015	0.001	0.032	0.21	0.003	0.260
81 11 16 1030	.3	1		24558	11.100	3.0	12.00	0.238	0.092	0.470	1.30	0.074	0.240
81 12 09	.3	1		24559	9.250	0.0	11.00	0.011	0.001<T	0.026	0.24	0.001<T	0.170
MAXIMUM					**60.800**	**17.0**	**12.00**	**0.238**	**0.092**	**0.470**	**1.30**	**0.074**	**0.322**
ARITH MEAN					**15.265**	**12.2**	**9.6**	**0.034**	**0.011<A**	**0.080**	**0.37**	**0.014<A**	**0.192**
GEOM MEAN					**10.542**	**10.5**	**8.2**	**0.014**	**0.002<A**	**0.037**	**0.30**	**0.006<A**	**0.176**
MINIMUM					**3.450**	**3.0**	**1.00**	**0.006**	**0.001**	**0.008**	**0.18**	**0.001**	**0.080**
STD DEV (GEOM *)					**17.128**	**5.5**	**3.3**	**0.072**	**0.029<A**	**0.147**	**0.35**	**0.023<A**	**0.077**
# SAMPLES (IN STATISTICS)					**10**	**5**	**9**	**10**	**10**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
81 01 21 0900	.3	1			0.255	0.260	0.515	116.0	9.0	107.000	165.0	2.80	17.500
81 02 23 0930	.3	1			0.362	0.258	0.620	110.0	3.0	107.000	165.0	0.94	1.900
81 03 16 1030	.3	1							2.00	104.000	160.0		
81 04 27 0900	.3	1		0.165	0.189	0.274	0.463				93	5.50	1.10
81 06 15 0900	.3			0.100	0.125	0.254	0.379				120	0.87	1.05
81 07 27 0800	.3	1		0.100	0.106	0.232	0.338				170	0.80	1.55
81 09 14 0900	.3	1		0.225	0.259	0.144	0.403				255	0.58	2.65
81 10 14 0915	.3	1		0.265	0.295	0.178	0.473				230	0.58	2.80
81 11 16 1030	.3	1		0.315	0.784	0.830	1.614				185	2.00	2.30
81 12 09	.3	1		0.170	0.197	0.214	0.411				170	0.65	1.75
MAXIMUM				**0.315**	**0.784**	**0.830**	**1.614**	**116.0**	**9.0**	**107.000**	**255**	**5.50**	**17.500**
ARITH MEAN				**0.191**	**0.286**	**0.294**	**0.580**	**113.0**	**4.8**	**106.000**	**171**	**1.64**	**3.62**
GEOM MEAN				**0.176**	**0.241**	**0.257**	**0.511**	**113.0**	**3.7**	**105.990**	**165**	**1.18**	**2.29**
MINIMUM				**0.100**	**0.106**	**0.144**	**0.338**	**110.0**	**2.00**	**104.000**	**93**	**0.58**	**1.05**
STD DEV (GEOM *)				**0.081**	**0.203**	**0.206**	**0.397**	**4.2**	**3.7**	**1.732**	**46**	**1.64**	**5.24**
# SAMPLES (IN STATISTICS)				**7**	**9**	**9**	**9**	**2**	**3**	**3**	**10**	**9**	**9**

(CONTD)

B.O.W./ SITE: **MAGPIE RIVER**
SAMPLE POINT: **HIGHWAY 17 1 MILE WEST OF WAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02BD003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MAGPIE RIVER**

STATION ID: **01-0029-002-02**
STORET CODE: **02 001 0920**

LAT: LONG: U T M: **16 0664500.0 5316325.0 4** REGION: **05** DISTANCE: **12.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 21 0900	.3		1	25.000		7.46		0.001<	0.060<	0.270	0.001	0.006	0.007
81 02 23 0930	.3		1	25.500		7.62		0.001	0.050	0.120	0.001<	0.005	0.004
81 03 16 1030	.3		1		51.0	7.66		0.001<	0.040<	0.064	0.004	0.003	0.003<
81 04 27 0900	.3		1		29	7.71	1<T						
81 06 15 0900	.3				43	7.72	1<T					0.001<W	0.003<
81 07 27 0800	.3		1		56	7.89	1<T					0.001	0.006
81 09 14 0900	.3		1		67	7.77	1<T					0.001<	0.005
81 10 14 0915	.3		1		67	8.05	1<T		0.32			0.004	0.006
81 11 16 1030	.3		1		55	7.70	1<T					0.003	0.004
81 12 09	.3		1		56	8.00	1<T					0.001<	0.004
MAXIMUM				**25.500**	**67**	**8.05**	**1**	**0.001**	**0.32**	**0.270**	**0.004**	**0.006**	**0.007**
ARITH MEAN				**25.250**	**53**	**7.76**	**1<A**	**0.001**	**0.18**	**0.151**	**0.002**	**0.003<A**	**0.005**
GEOM MEAN				**25.249**	**51**	**7.76**	**1<A**		**0.12**	**0.128**	**0.002**	**0.003<A**	**0.005**
MINIMUM				**25.000**	**29**	**7.46**	**1**	**0.001**	**0.050**	**0.064**	**0.001**	**0.001**	**0.004**
STD DEV (GEOM *)				**0.354**	**12**	**0.18**	**0<A**		**0.19**	**0.107**	**0.002**	**0.002<A**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**8**	**10**	**7**	**1**	**2**	**3**	**2**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 21 0900	.3		1	0.0004	0.015	0.003<
81 02 23 0930	.3		1	0.0002<	0.011	0.003<
81 03 16 1030	.3		1	0.0008	0.023	0.002
81 06 15 0900	.3				0.001<W	
81 07 27 0800	.3		1		0.002	
81 09 14 0900	.3		1		0.001<	
81 10 14 0915	.3		1		0.002	
81 11 16 1030	.3		1		0.011	
81 12 09	.3		1		0.002	
MAXIMUM				**0.0008**	**0.023**	**0.002**
ARITH MEAN				**0.0006**	**0.008<A**	**0.002**
GEOM MEAN				**0.0006**	**0.005<A**	
MINIMUM				**0.0004**	**0.001**	**0.002**
STD DEV (GEOM *)				**0.0003**	**0.008<A**	
# SAMPLES (IN STATISTICS)				**2**	**8**	**1**

B.O.W./ SITE: **WHITE RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **WHITE RIVER**

STATION ID: **01-0057-001-02**
STORET CODE: **02 001 2190**

LAT: LONG: U T M: **16 0600980.0 5390400.0 4** REGION: **06** DISTANCE: **77.246**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	ALKT ALK TOTAL MG/L AS CACO3
81 01 27 1710	.3		1	20523	4	0.0	11.4	0.009	0.001<	1.00	99.00	160.0	69.0
81 02 23 1700	.3		1	20538	4	0.0	12.0	0.005	0.001<	3.00	88.000	136.0	57.0
81 03 23 1610	.3		1	20553	4	0.0	12.1	0.004	0.001<	1.00	107.000	165.0	71.0
81 04 27 1605	.3		1	20568		4.0	12.2	0.008	0.001<	1.00	89.00	97.0	41.0
81 05 05 1550	.3		1	20580	3	6.0	10.0	0.011	0.001	4.00	86.00	88.0	39
81 05 25 1350	.3		1	20589	3	15.5	8.5						
81 06 29 1610	.3		1	20604	3	15.5	7.7	0.014	0.001	1.00	94.000	145.0	57.0
81 07 27 1520	.3		1	20619		19.0	6.9	0.009	0.005	3.00	110.000	170.0	74.0
81 08 24 1535	.3		1	20634		22.2	6.2	0.010	0.001	1.00	127.000	195.0	85.0
81 09 28 1940	.3		1	20649		10.5	7.8	0.008	0.002	1.00	129.00	210.0	93.0
81 10 26 1415	.3		1	20664		4.5	9.8	0.009	0.001<	1.00	79.00	190.0	84.0
81 11 23 1830	.3		1	20679	4	0.0	11.4	0.008	0.001<	1.00	119.00	185.0	79.0
MAXIMUM						**22.2**	**12.2**	**0.014**	**0.006**	**4.00**	**129.00**	**210.0**	**93.0**
ARITH MEAN						**12.1**	**9.7**	**0.009**	**0.002**	**1.64**	**102.45**	**158.3**	**68**
GEOM MEAN						**10.2**	**9.4**	**0.008**	**0.002**	**1.39**	**101.16**	**153.2**	**65**
MINIMUM						**4.0**	**6.2**	**0.004**	**0.001**	**1.00**	**79.00**	**88.0**	**39**
STD DEV (GEOM *)						**6.9**	**2.2**	**0.003**	**0.002**	**1.12**	**17.18**	**39.1**	**17**
# SAMPLES (IN STATISTICS)						**8**	**12**	**11**	**5**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 27 1710	.3		1	7.60			0.001<	0.050<	0.001	0.004	0.002	0.001	0.004
81 02 23 1700	.3		1	7.40	6.4		0.001<	0.050<	0.001<	0.002	0.003	0.001<	0.006
81 03 23 1610	.3		1	7.60	7.7		0.001<	0.050<	0.001<	0.004	0.007	0.001	0.010
81 04 27 1605	.3		1	7.40	7.8	0.120	0.001	0.050<	0.001	0.001<	0.001<	0.001	0.003
81 05 05 1550	.3		1	7.20	7.5		0.001<	0.050<	0.001<	0.001<	0.007	0.001<	0.002
81 05 25 1350	.3		1		7.4	0.470	0.004<	0.050<	0.001<	0.002	0.001<	0.001	0.004
81 06 29 1610	.3		1	7.60	8.1	0.067	0.004<	0.050<	0.003	0.001<	0.015	0.001	0.001
81 07 27 1520	.3		1	8.40	7.9		0.001	0.050<	0.001	0.003	0.009	0.002	0.004
81 08 24 1535	.3		1	8.20	8.2		0.001<	0.050<	0.001	0.001<	0.001<	0.001	0.002
81 09 28 1940	.3		1	8.20	7.8		0.001<	0.050<	0.001<	0.001<	0.002	0.002	0.002
81 10 26 1415	.3		1	8.00	7.5		0.004	0.050<	0.001<	0.001	0.004	0.001	0.003
81 11 23 1830	.3		1	7.90	7.6		0.001<		0.002	0.001<	0.002	0.001<	0.001<
MAXIMUM				**8.40**	**8.2**	**0.470**	**0.004**		**0.003**	**0.004**	**0.015**	**0.002**	**0.010**
ARITH MEAN				**7.77**	**7.6**	**0.219**	**0.002**		**0.001**	**0.003**	**0.006**	**0.001**	**0.004**
GEOM MEAN				**7.76**	**7.6**	**0.156**	**0.002**		**0.001**	**0.002**	**0.004**	**0.001**	**0.003**
MINIMUM				**7.20**	**6.4**	**0.067**	**0.001**		**0.001**	**0.001**	**0.002**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.39**	**0.5**	**0.219**	**0.002**		**0.001**	**0.001**	**0.004**	**0.000**	**0.002**
# SAMPLES (IN STATISTICS)				**11**	**11**	**3**	**3**		**6**	**6**	**9**	**9**	**11**

(CONTD)

TEST-NAME: MNUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MANGANSE UNF.TOT. MG/L AS MN
81 04 27 1605		.3	1	0.007
81 05 25 1350		.3	1	0.011
81 06 29 1610		.3	1	0.018
MAXIMUM				**0.018**
ARITH MEAN				**0.012**
GEOM MEAN				**0.011**
MINIMUM				**0.007**
STD DEV (GEOM *)				**0.006**
# SAMPLES (IN STATISTICS)				**3**

B.O.W./ SITE: **PIC RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BB003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-001-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0552700.0 5394925.0 4** REGION: **06** DISTANCE: **14.806**

TEST-NAME: SAMPLE FWSTRC FWFLOW TCMF TCMFBK FCMF FSMF FWTEMP DO PPUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1600		.3	1	20521	4	8.300	8	168	4<	4<	0.0	12.6	0.016
81 02 23 1525		.3	1	20536	4	11.300	12	132	4<	4	0.0	12.2	0.023
81 03 23 1510		.3	1	20551	4	12.100	8	44	4	4<	0.0	12.2	0.020
81 04 20 1400		.3	1	52201		111.000							0.240
81 04 22 1500		.3	1	52204		84.700							0.120
81 04 24 1510		.3	1	52207		73.100							0.072
81 04 27 1510		.3	1	20566		80.600	40	376	4<	4<	2.5	13.1	0.064
81 04 28 1700		.3	1	52213		90.200							0.110
81 05 01 1145		.3	1	52219		122.000							0.160
81 05 03 1400		.3	1	52222		120.000							0.130
81 05 05 1220		.3	1	52225		151.000							0.220
1455		.3	1	20578	3 9	151.000	144	204	4<	8	3.0	11.6	0.240
81 05 07 1110		.3	1	52228		145.000							0.150
81 05 09 1115		.3	1	52231		130.000							0.150
81 05 11 1140		.3	1	52234		117.000							0.093
81 05 14 1620		.3	1	52237		107.000							0.093
81 05 16 1120		.3	1	52240		98.700							0.091
81 05 18 1110		.3	1	52243		84.800							0.061
81 05 20 1020		.3	1	52246		74.400							0.059
81 05 22 1040		.3	1	52249		71.500							0.051
81 05 24 1515		.3	1	52252		67.100							0.055
81 05 25 1720		.3	1	20587	3	78.100	192	244	8	16	12.0	8.7	0.250
81 05 27 1115		.3	1	52255		110.000							0.260
81 05 31 1330		.3	1	52258		99.700							0.110
81 06 02 1350		.3	1	52261		88.300							0.072
81 06 05 1145		.3	1	52264		75.700							0.062
81 06 07 1430		.3	1	52267		60.600							0.051
81 06 13 1040		.3	1	52270		69.200							0.059
81 06 21 1530		.3	1	52273		76.100							0.051
81 06 27 1445		.3	1	52276		59.500							0.042
81 06 29 1505		.3	1	20602	3	80.000	800I	1000	4	56	14.0	8.3	0.170
81 07 05 1200		.3	1	52279		55.900							0.040
81 07 21 1800		.3	1	52285		20.700							0.023
81 07 27 1900		.3	1	20617		21.800	320C	4800	16	164	18.0	5.9	0.085
81 07 28 1440		.3	1	52288		20.000							0.029
81 08 03 1250		.3	1	52291		14.500							0.019
81 08 09 1550		.3	1	52294		12.100							0.020
81 08 16 1120		.3	1	52297		26.900							0.021
81 08 23 1400		.3	1	52300		16.300							0.015
81 08 24 2000		.3	1	20632		15.100	60I	1400	4<	4<	22.0	7.3	0.014
81 08 30 1215		.3	1	52303		11.400							0.019
81 09 06 1220		.3	1	52306		9.930							0.018
81 09 12 1115		.3	1	52309		9.430							0.018
81 09 28 1110		.3	1	52312		7.240							0.014
1733		.3	1	20647		7.240	110	1300	4<	8	11.0	7.0	0.015
81 10 04 1540		.3	1	52315		6.800							0.012
81 10 11 1420		.3	1	52318		7.440							0.009
81 10 19 1015		.3	1	52321		13.500							0.032
81 10 26 1230		.3	1	52324		11.100							0.020
1805		.3	1	20662		11.100	30I	490	4	4<	3.0	11.2	0.021
81 11 23 1710		.3	1	20677	4	8.220	8	320	4<		0.0	11.2	0.011
MAXIMUM						**151.000**	**800**	**4800**	**16**	**164**	**22.0**	**13.1**	**0.260**
ARITH MEAN						**59.112**	**144**	**873**	**7**	**43**	**10.7**	**10.1**	**0.075**
GEOM MEAN						**37.746**	**51**	**414**	**6**	**18**	**8.0**	**9.8**	**0.048**
MINIMUM						**6.800**	**8**	**44**	**4**	**4**	**2.5**	**5.9**	**0.009**
STD DEV (GEOM *)						**45.722**	**5***	**4***	**2***	**4***	**7.4**	**2.5**	**0.071**
# SAMPLES (IN STATISTICS)						**51**	**12**	**12**	**5**	**6**	**8**	**12**	**51**

TEST-NAME: PPO4FR NNTKUR NNO2FR NNO3FR NNKI RSP RSF COND25 ALKT PH

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
81 01 27 1600		.3	1	0.001<	0.580	0.003	0.120	0.703	7.00	183.00	295.0	137.0	7.70
81 02 23 1525		.3	1	0.001	0.480	0.007	0.360	0.847	10.00	153.000	235.0	98.0	7.70
81 03 23 1510		.3	1	0.001	0.550	0.004	0.160	0.714	6.00	163.000	250.0	122.0	7.80
81 04 20 1400		.3	1						430.0		142.0		
81 04 22 1500		.3	1	0.017			0.100		140.0		144.0		
81 04 24 1510		.3	1						110.0		150.0		
81 04 27 1510		.3	1	0.008	0.380	0.005	0.100	0.485	90.00	130.00	152.0	90.0	7.80
81 04 28 1700		.3	1	0.020			0.110		170.0		160.0		
81 05 01 1145		.3	1	0.022			0.080		250.0		154.0		
81 05 03 1400		.3	1	0.016			0.080		160.0		149.0		
81 05 05 1220		.3	1	0.015			0.090		430.0		150.0		
1455		.3	1	0.029	0.540	0.010	0.090	0.640	400.00	89.000	137.0	128.0	7.60
81 05 07 1110		.3	1	0.018			0.070		280.0		146.0		
81 05 09 1115		.3	1	0.007			0.050		240.0		154.0		
81 05 11 1140		.3	1	0.007			0.050		160.0		155.0		

(CONTD)

B.O.W./ SITE: **PIC RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BB003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-001-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0552700.0 5394925.0 4** REGION: **06** DISTANCE: **14.806**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			PPO4FR	NNTKUR	NNO2FR	NNO3FR	NNKI	RSP	RSF	COND25	ALKT	PH
81 05 14 1620		.3	1	0.013			0.040		160.0		165.0		
81 05 16 1120		.3	1	0.011			0.040		140.0		165.0		
81 05 18 1110		.3	1	0.011			0.030		90.0		165.0		
81 05 20 1020		.3	1	0.010			0.030		70.0		170.0		
81 05 22 1040		.3	1	0.017			0.010		70.0		175.0		
81 05 24 1515		.3	1	0.007			0.010		80.0		180.0		
81 05 25 1720		.3	1	0.055	0.530	0.013	0.050	0.593	440.00	127.000	195.0	197.0	7.80
81 05 27 1115		.3	1	0.033			0.060		60.0		185.0		
81 05 31 1330		.3	1	0.013			0.020		180.0		180.0		
81 06 02 1350		.3	1	0.014			0.020		110.0		175.0		
81 06 05 1145		.3	1	0.014			0.030		110.0				
81 06 07 1430		.3	1	0.012			0.020		70.0				
81 06 13 1040		.3	1	0.015			0.020		70.0				
81 06 21 1530		.3	1	0.012			0.020		70.0		185.0		
81 06 27 1445		.3	1	0.010			0.030		40.0		205.0		
81 06 29 1505		.3	1	0.026	0.480	0.010	0.060	0.550	210.00	210.000	200.0	146.0	7.70
81 07 05 1200		.3	1	0.011			0.020		40.0		195.0		
81 07 21 1800		.3	1	0.008			0.010		20.0		245.0		
81 07 27 1900		.3	1	0.038	0.600	0.009	0.040	0.649	70.00	163.000	250.0	142.0	8.10
81 07 28 1440		.3	1	0.016			0.030		20.0		250.0		
81 08 03 1250		.3	1	0.004			0.020		10.0		245.0		
81 08 09 1550		.3	1	0.007			0.010		10.0		275.0		
81 08 16 1120		.3	1	0.006			0.010		20.0		200.0		
81 08 23 1400		.3	1	0.004			0.010		9.0		220.0		
81 08 24 2000		.3	1	0.004	0.280	0.002	0.010	0.292	80.00	146.000	225.0	107.0	8.10
81 08 30 1215		.3	1	0.003			0.010<		8.0		225.0		
81 09 06 1220		.3	1	0.004			0.010<		10.0		245.0		
81 09 12 1115		.3	1	0.008			0.020		10.0		265.0		
81 09 28 1110		.3	1	0.002			0.020		10.0		280.0		
1733		.3	1	0.001<	0.350	0.003	0.020	0.373	9.00	185.000	285.0	143.0	8.10
81 10 04 1540		.3	1	0.003			0.010		6.0		295.0		
81 10 11 1420		.3	1	0.003			0.020		4.0		300.0		
81 10 19 1015		.3	1	0.007			0.090		30.0		245.0		
81 10 26 1230		.3	1	0.004			0.040		10.0		260.0		
1805		.3	1	0.005	0.240	0.002	0.040	0.282	10.00	169.000	260.0	129.0	8.00
81 11 23 1710		.3	1	0.002	0.410	0.006	0.270	0.686	4.00	163.000	250.0	122.0	7.90
	MAXIMUM			**0.055**	**0.600**	**0.013**	**0.360**	**0.847**	**440.00**	**210.000**	**300.0**	**197.0**	**8.10**
	ARITH MEAN			**0.012**	**0.452**	**0.006**	**0.056**	**0.568**	**102.8**	**156.75**	**206.9**	**130.1**	**7.86**
	GEOM MEAN			**0.009**	**0.435**	**0.005**	**0.036**	**0.538**	**46.7**	**153.47**	**201.2**	**127.6**	**7.86**
	MINIMUM			**0.001**	**0.240**	**0.002**	**0.010**	**0.282**	**4.0**	**89.000**	**137.0**	**90.0**	**7.60**
	STD DEV (GEOM *)			**0.010**	**0.119**	**0.004**	**0.066**	**0.178**	**119.0**	**31.49**	**49.6**	**27.6**	**0.18**
	# SAMPLES (IN STATISTICS)			**47**	**12**	**12**	**47**	**12**	**51**	**12**	**48**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH FIELD	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
	TEST-NAME:			FWPH	FEUT	ASUT	HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT
81 01 27 1600		.3	1			0.001	0.050<	0.002	0.005	0.005	0.001	0.009	
81 02 23 1525		.3	1	7.7		0.001<	0.050<	0.001	0.001	0.017	0.001	0.032	
81 03 23 1510		.3	1	7.9		0.001<	0.050<	0.001	0.011	0.021	0.002	0.027	
81 04 20 1400		.3	1				0.050<		0.008	0.013	0.001		
81 04 22 1500		.3	1				0.050<		0.004	0.005	0.001<		
81 04 24 1510		.3	1				0.050<			0.009	0.001		
81 04 27 1510		.3	1	8.0	2.600	0.001<	0.050<	0.006	0.001<	0.004	0.001	0.006	0.054
81 04 28 1700		.3	1						0.005	0.010	0.001		
81 05 01 1145		.3	1						0.007	0.007	0.001		
81 05 03 1400		.3	1						0.011	0.008	0.001<		
81 05 05 1220		.3	1						0.009	0.014	0.001		
1455		.3	1	7.6		0.002	0.050	0.024	0.010	0.016	0.001	0.019	
81 05 07 1110		.3	1				0.050		0.007	0.019	0.001		
81 05 09 1115		.3	1						0.007	0.012	0.001		
81 05 11 1140		.3	1				0.050<		0.004	0.014	0.001<		
81 05 14 1620		.3	1						0.010	0.020	0.001		
81 05 16 1120		.3	1				0.050<		0.003	0.020	0.001<		
81 05 18 1110		.3	1						0.006	0.020	0.001<		
81 05 20 1020		.3	1				0.050<		0.002	0.010	0.001<		
81 05 22 1040		.3	1						0.004	0.010	0.001		
81 05 24 1515		.3	1						0.004	0.020	0.001		
81 05 25 1720		.3	1	7.7	0.110	0.004<	0.050<	0.027	0.012	0.020	0.002	0.023	0.170
81 05 27 1115		.3	1				0.050<		0.013	0.030	0.001		
81 05 31 1330		.3	1						0.006	0.020	0.002		
81 06 02 1350		.3	1				0.050<		0.003	0.010	0.001		
81 06 05 1145		.3	1						0.005	0.009	0.001<		
81 06 07 1430		.3	1						0.004	0.010	0.001<		
81 06 13 1040		.3	1				0.050<		0.002	0.023	0.001		
81 06 21 1530		.3	1						0.001<	0.004	0.001		
81 06 27 1445		.3	1						0.005	0.026	0.001		
81 06 29 1505		.3	1	8.3	6.400	0.008	0.050<	0.019	0.008	0.038	0.001	0.016	0.120
81 07 05 1200		.3	1				0.050<		0.004	0.006	0.001		
81 07 21 1800		.3	1						0.002	0.006	0.001<		
81 07 27 1900		.3	1	7.8		0.002	0.050<	0.007	0.009	0.007	0.002	0.009	
81 07 28 1440		.3	1				0.050<		0.001	0.016	0.001		
81 08 03 1250		.3	1						0.001	0.001<	0.001		
81 08 09 1550		.3	1						0.002	0.002	0.002		
81 08 16 1120		.3	1						0.005	0.002	0.001		
81 08 23 1400		.3	1				0.050<		0.002	0.001<	0.001		
81 08 24 2000		.3	1	8.0		0.001<	0.050<	0.004	0.002	0.001	0.001	0.004	
81 08 30 1215		.3	1						0.004	0.001<	0.001		
81 09 06 1220		.3	1						0.005	0.001	0.001		
81 09 12 1115		.3	1				0.050<		0.001	0.001	0.001		
81 09 28 1110		.3	1						0.001<	0.001<	0.002		
1733		.3	1	7.7		0.001	0.050<	0.001	0.001	0.001<	0.002	0.003	
81 10 04 1540		.3	1						0.007	0.150	0.001		
81 10 11 1420		.3	1				0.050<		0.009	0.011	0.001		
81 10 19 1015		.3	1						0.001<	0.004	0.001		
81 10 26 1230		.3	1						0.002	0.002	0.001		
1805		.3	1	7.6		0.001	0.050<	0.004	0.001	0.004	0.001	0.004	
81 11 23 1710		.3	1	7.85		0.001<	0.050<	0.001<	0.001<	0.002	0.001<	0.002	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
MAXIMUM				8.3	6.400	0.008	0.050	0.027	0.013	0.150	0.002	0.032	0.170
ARITH MEAN				7.8	3.037	0.002	0.050	0.009	0.005	0.015	0.001	0.013	0.115
GEOM MEAN				7.8	1.223	0.002	0.050	0.005	0.004	0.009	0.001	0.009	0.103
MINIMUM				7.6	0.110	0.001	0.050	0.001	0.001	0.001	0.001	0.002	0.054
STD DEV (GEOM *)				0.2	3.168	0.003	0.000	0.010	0.003	0.022	0.000	0.010	0.058
# SAMPLES (IN STATISTICS)				11	3	6	2	11	45	46	41	12	3

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 27 1600		.3	1	20<W		
81 04 22 1500		.3	1		170	50<W
81 04 24 1510		.3	1	20<W		
81 05 25 1720		.3	1	20<W		
81 06 29 1505		.3	1	20<W		
81 07 27 1900		.3	1	20<W		
81 08 24 2000		.3	1	20<W		
1805		.3	1	20<W		
81 11 23 1710		.3	1	20<W		
MAXIMUM					170	50
ARITH MEAN					170	50<A
GEOM MEAN						
MINIMUM					170	50
STD DEV (GEOM *)						
# SAMPLES (IN STATISTICS)					1	1

B.O.W. / SITE: **BLACK RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BB002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-002-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M: **16 0557925.0 5392850.0 4** REGION: **06** DISTANCE: **12.874**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1620		.3	1	20522	4	4.972	44	152	4	4<	0.0	12.2	0.014
81 02 23 1605		.3	1	20537	4	6.893	12	136	4<	4	0.0	12.4	0.011
81 03 23 1600		.3	1	20552		9.492	20	112	4<	4<			0.008
81 04 20 1430		.3	1	52202		93.225							0.063
81 04 22 1530		.3	1	52205		80.456							0.044
81 04 24 1530		.3	1	52208		71.529							0.030
81 04 27 1525		.3	1	20567		68.930	52	260	8	4<	2.0	12.1	0.024
81 04 28 1730		.3	1	52214		70.173							0.032
81 05 01 1215		.3	1	52220		76.049							0.035
81 05 03 1415		.3	1	52223		74.467							0.034
81 05 05 1245		.3	1	52226		95.598							0.085
1515		.3	1	20579	3	95.598	76	124	4	4	4.0	10.8	0.088
81 05 07 1140		.3	1	52229		92.886							0.049
81 05 09 1140		.3	1	52232		84.524							0.045
81 05 11 1200		.3	1	52235		76.614							0.035
81 05 14 1640		.3	1	52238		64.410							0.025
81 05 16 1200		.3	1	52241		56.952							0.023
81 05 18 1130		.3	1	52244		50.511							0.020
81 05 20 1045		.3	1	52247		44.748							0.018
81 05 22 1100		.3	1	52250		40.228							0.012
81 05 24 1535		.3	1	52253		37.742							0.016
81 05 25 1310		.3	1	20588	3	39.889	72	364	4<	4	14.0	8.8	0.022
81 05 27 1145		.3	1	52256		48.590							0.031
81 05 31 1400		.3	1	52259		49.720							0.028
81 06 02 1420		.3	1	52262		49.494							0.018
81 06 05 1210		.3	1	52265		51.415							0.023
81 06 07 1500		.3	1	52268		44.635							0.018
81 06 13 1110		.3	1	52271		43.844							0.015
81 06 21 1600		.3	1	52274		56.726							0.021
81 06 27 1510		.3	1	52277		37.403							0.018
81 06 29 1525		.3	1	20603		47.121	730C	2700	48	28	14.9	8.0	0.044
81 07 05 1220		.3	1	52280		37.064							0.017
81 07 21 1830		.3	1	52286		14.238							0.010
81 07 27 1435		.3	1	20618		15.933	140	890	12	20	18.3	6.7	0.018
81 07 28 1510		.3	1	52289		14.351							0.011
81 08 03 1320		.3	1	52292		11.413							0.010
81 08 09 1620		.3	1	52295		9.684							0.010
81 08 16 1145		.3	1	52298		8.724							0.009
81 08 23 1430		.3	1	52301		7.650							0.008
81 08 24 1920		.3	1	20633		7.526	50I	510	4<	4<	21.0	7.9	0.009
81 08 30 1245		.3	1	52304		7.029							0.008
81 09 06 1250		.3	1	52307		7.345							0.008
81 09 12 1145		.3	1	52310		7.142							0.007
81 09 28 1140		.3	1	52313		7.130							0.006
1755		.3	1	20648		7.130	60I	400	4	16	11.0	6.8	0.008
81 10 04 1610		.3	1	52316		6.961							0.006
81 10 11 1445		.3	1	52319		7.119							0.005
81 10 19 1045		.3	1	52322		13.221							0.017
81 10 26 1300		.3	1	52325		9.549							0.009
1320		.3	1	20663		9.549	40I	480	4<	4	5.0	8.6	0.010
81 11 23 1740		.3	1	20678	4	9.289	16	560	4<		0.0	9.8	0.010
MAXIMUM						95.598	730	2700	48	28	21.0	12.4	0.088
ARITH MEAN						38.880	109	557	13	11	11.3	9.5	0.022
GEOM MEAN						25.860	54	352	8	8	8.8	9.2	0.017
MINIMUM						4.972	12	112	4	4	2.0	6.7	0.005
STD DEV (GEOM *)						29.927	3*	3*	3*	2*	7.0	2.1	0.018
# SAMPLES (IN STATISTICS)						51	12	12	6	7	8	11	51

(CONTD)

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BB002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-002-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M: **16 0557925.0 5392850.0 4** REGION: **06** DISTANCE: **12.874**

SAMP DTE YR MO DY HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:					*PPO4FR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*
81 01 27 1620			.3	1	0.001<	0.470	0.004	0.190	0.664	8.00	182.00	305.0	114.0	7.80
81 02 23 1605			.3	1	0.001<	0.480	0.005	0.400	0.885	6.00	130.000	200.0	85.0	7.60
81 03 23 1600			.3	1	0.001<	0.460	0.004	0.230	0.694	2.00	150.000	230.0	104.0	7.80
81 04 20 1430			.3	1						100.0		135.0		
81 04 22 1530			.3	1	0.003			0.150		60.0		142.0		
81 04 24 1530			.3	1						40.0		144.0		
81 04 27 1525			.3	1	0.001	0.590	0.007	0.140	0.737	30.00	120.00	146.0	56.0	7.70
81 04 28 1730			.3	1	0.001			0.150		40.0		154.0		
81 05 01 1215			.3	1	0.003			0.110		50.0		148.0		
81 05 03 1415			.3	1	0.003			0.130		40.0		142.0		
81 05 05 1245			.3	1	0.006			0.090		150.0		136.0		
1515			.3	1	0.001	0.570	0.007	0.160	0.737	130.00	79.000	122.0	55.0	7.60
81 05 07 1140			.3	1	0.007			0.190		70.0		132.0		
81 05 09 1140			.3	1	0.002			0.090		70.0		140.0		
81 05 11 1200			.3	1	0.001<			0.110		40.0		144.0		
81 05 14 1640			.3	1	0.003			0.110		30.0		150.0		
81 05 16 1200			.3	1	0.003			0.110		30.0		155.0		
81 05 18 1130			.3	1	0.004			0.110		20.0		155.0		
81 05 20 1045			.3	1	0.003			0.130		15.0		160.0		
81 05 22 1100			.3	1	0.003			0.100		15.0		165.0		
81 05 24 1535			.3	1	0.002			0.120		15.0		175.0		
81 05 25 1310			.3	1	0.003	0.450	0.007	0.130	0.587	20.00	114.000	175.0	73.0	7.80
81 05 27 1145			.3	1	0.005			0.150		30.0		165.0		
81 05 31 1400			.3	1	0.003			0.130		40.0		160.0		
81 06 02 1420			.3	1	0.003			0.130		20.0		165.0		
81 06 05 1210			.3	1	0.004			0.130		30.0				
81 06 07 1500			.3	1	0.004			0.120		15.0				
81 06 13 1110			.3	1	0.005			0.120		10.0				
81 06 21 1600			.3	1	0.007			0.150		30.0		175.0		
81 06 27 1510			.3	1	0.004			0.160		10.0		200.0		
81 06 29 1525			.3	1	0.007	0.470	0.011	0.210	0.691	70.00	120.000	185.0	76.0	7.70
81 07 05 1220			.3	1	0.005			0.020		9.0		182.0		
81 07 21 1830			.3	1	0.004			0.160		5.0		235.0		
81 07 27 1435			.3	1	0.002	0.320	0.004	0.160	0.484	20.00	169.000	260.0	109.0	8.20
81 07 28 1510			.3	1	0.005			0.170		1.0		245.0		
81 08 03 1320			.3	1	0.003			0.110		4.0		235.0		
81 08 09 1620			.3	1	0.004			0.050		3.0		255.0		
81 08 16 1145			.3	1	0.003			0.040		2.0		270.0		
81 08 23 1430			.3	1	0.002			0.020		2.0		280.0		
81 08 24 1920			.3	1	0.003	0.260	0.002	0.020	0.282	2.00	182.000	280.0	130.0	8.20
81 08 30 1245			.3	1	0.001			0.020		1.0		275.0		
81 09 06 1250			.3	1	0.002			0.010<		2.0		290.0		
81 09 12 1145			.3	1	0.004			0.020		2.0		295.0		
81 09 28 1140			.3	1	0.001<			0.010		2.0		305.0		
1755			.3	1	0.001<	0.240	0.003	0.010	0.253	3.00	201.000	310.0	150.0	8.20
81 10 04 1610			.3	1	0.002			0.010		2.0		310.0		
81 10 11 1445			.3	1	0.001			0.020		1.0		315.0		
81 10 19 1045			.3	1	0.003			0.230		10.0		235.0		
81 10 26 1300			.3	1	0.001			0.120		4.0		250.0		
1320			.3	1	0.001	0.300	0.002	0.120	0.422	3.00	163.000	250.0	120.0	8.00
81 11 23 1740			.3	1	0.001<	0.330	0.005	0.250	0.585	3.00	150.000	230.0	101.0	7.90
MAXIMUM					**0.007**	**0.590**	**0.011**	**0.400**	**0.885**	**150.0**	**201.000**	**315.0**	**150.0**	**8.20**
ARITH MEAN					**0.003**	**0.412**	**0.005**	**0.121**	**0.585**	**25.8**	**146.66**	**206.5**	**97.7**	**7.87**
GEOM MEAN					**0.003**	**0.395**	**0.005**	**0.090**	**0.550**	**11.4**	**142.40**	**197.9**	**93.5**	**7.87**
MINIMUM					**0.001**	**0.240**	**0.002**	**0.010**	**0.253**	**1.0**	**79.000**	**122.0**	**55.0**	**7.60**
STD DEV (GEOM *)					**0.002**	**0.118**	**0.003**	**0.075**	**0.192**	**32.4**	**35.14**	**61.2**	**29.4**	**0.23**
# SAMPLES (IN STATISTICS)					**42**	**12**	**12**	**48**	**12**	**51**	**12**	**48**	**12**	**12**

SAMP DTE YR MO DY HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	PH FIELD	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:					*FWPH*	*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*
81 01 27 1620			.3	1			0.001	0.050<	0.001	0.005	0.005	0.001	0.033	
81 02 23 1605			.3	1	7.2		0.001	0.050<	0.001<	0.001	0.024	0.001<	0.032	
81 03 23 1600			.3	1			0.001<	0.050<	0.001<	0.010	0.007	0.002	0.040	
81 04 20 1430			.3	1				0.050<		0.004	0.009	0.001<		
81 04 22 1530			.3	1				0.050<		0.004	0.023	0.001		
81 04 24 1530			.3	1				0.050<			0.008	0.001		
81 04 27 1525			.3	1	7.9	0.900	0.001<	0.050<	0.002	0.001<	0.002	0.001	0.035	0.033
81 04 28 1730			.3	1						0.004	0.008	0.001		
81 05 01 1215			.3	1						0.003	0.005	0.001		
81 05 03 1415			.3	1						0.008	0.003	0.001		
81 05 05 1245			.3	1						0.004	0.015	0.001		
1515			.3	1	7.8		0.001	0.050<	0.006	0.004	0.010	0.001	0.023	
81 05 07 1140			.3	1				0.050<		0.003	0.030	0.001		
81 05 09 1140			.3	1						0.005	0.011	0.001		
81 05 11 1200			.3	1				0.050<		0.004	0.009	0.001		
81 05 14 1640			.3	1						0.006	0.010	0.001<		
81 05 16 1200			.3	1				0.050<		0.002	0.010	0.001<		
81 05 18 1130			.3	1						0.007	0.010	0.001<		
81 05 20 1045			.3	1				0.050<		0.004	0.010	0.001<		
81 05 22 1100			.3	1						0.007	0.010	0.001		
81 05 24 1535			.3	1						0.007	0.010	0.001		
81 05 25 1310			.3	1	7.6	0.680	0.004<	0.050<	0.030	0.003	0.002	0.001	0.018	0.028
81 05 27 1145			.3	1				0.050<		0.004	0.010	0.001		
81 05 31 1400			.3	1						0.003	0.020	0.002		
81 06 02 1420			.3	1				0.050<		0.002	0.050	0.001		
81 06 05 1210			.3	1						0.004	0.010	0.001		
81 06 07 1500			.3	1						0.003	0.007	0.001		
81 06 13 1110			.3	1				0.050<		0.002	0.014	0.001<		
81 06 21 1600			.3	1						0.001<	0.029	0.001		
81 06 27 1510			.3	1						0.004	0.023	0.001		
81 06 29 1525			.3	1	8.2	1.300	0.004<	0.050<	0.003	0.005	0.025	0.001	0.009	0.051
81 07 05 1220			.3	1				0.050<		0.001	0.009	0.001		
81 07 21 1830			.3	1						0.003	0.014	0.001<		
81 07 27 1435			.3	1	7.8		0.001	0.050<	0.001	0.007	0.013	0.002	0.011	
81 07 28 1510			.3	1				0.050<		0.001<	0.015	0.001		
81 08 03 1320			.3	1						0.005	0.002	0.002		

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FWPH	FEUT	ASUT	HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT
81 08 09 1620		.3	1						0.001<	0.007	0.002		
81 08 16 1145		.3	1						0.007	0.001<	0.002		
81 08 23 1430		.3	1				0.050<		0.007	0.001<	0.002		
81 08 24 1920		.3	1	8.2		0.001<	0.050<	0.003	0.001	0.001<	0.002	0.007	
81 08 30 1245		.3	1						0.005	0.004	0.001		
81 09 06 1250		.3	1						0.004	0.002	0.002		
81 09 12 1145		.3	1				0.050<		0.002	0.001	0.001		
81 09 28 1140		.3	1						0.001<	0.001	0.005		
1755		.3	1	7.7		0.001	0.050<	0.001	0.003	0.001<	0.002	0.005	
81 10 04 1610		.3	1						0.003	0.002	0.001		
81 10 11 1445		.3	1				0.050<		0.005	0.006	0.002		
81 10 19 1045		.3	1						0.005	0.001	0.001		
81 10 26 1300		.3	1						0.006	0.007	0.001		
1320		.3	1	7.2		0.002	0.050<	0.001<	0.005	0.003	0.001	0.003	
81 11 23 1740		.3	1	7.75		0.001<	0.050<	0.001	0.001<	0.001<	0.001<	0.001	
	MAXIMUM			8.2	1.300	0.002		0.030	0.010	0.050	0.005	0.040	0.051
	ARITH MEAN			7.7	0.960	0.001		0.005	0.004	0.011	0.001	0.018	0.037
	GEOM MEAN			7.7	0.927	0.001		0.002	0.004	0.008	0.001	0.012	0.036
	MINIMUM			7.2	0.680	0.001		0.001	0.001	0.001	0.001	0.001	0.028
	STD DEV (GEOM *)			0.3	0.314	0.000		0.009	0.002	0.010	0.001	0.014	0.012
	# SAMPLES (IN STATISTICS)			10	3	6		9	44	46	42	12	3

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **AT HIGHWAY NO.614 SOUTH OF AGONZON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-003-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0582100.0 5414375.0 4** REGION: **06** DISTANCE: **84.327**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 05 1645		.3	1	20509	4	16	124	4<	0.0	12.5	0.4	0.013	0.001<
81 01 27 1840		.3	1	20524	4	20	60	4<	0.0	10.4	0.9	0.009	0.001<
81 02 23 1750		.3	1	20541		16	184	4<	0.0	12.2	0.2	0.007	0.001<
81 03 23 1655		.3	1	20554		4	92	4<	0.0	12.2	0.4	0.005	0.001<
81 04 27 1645		.3	1	20569		16	212	4<	3.0	12.6	0.9	0.017	0.001
81 05 25 1435		.3	1	20590	3	56	152	4<	13.0	8.7	0.9	0.014	0.001
81 06 29 1650		.3	1	20605		168C	1720	8	7.4	16.5	0.6	0.011	0.003
81 07 27 1605		.3	1	20620		40I	1310	4	18.0	7.5	1.1	0.008	0.004
81 08 24 1620		.3	1	20635		50I	2000	4<	21.2	9.3	0.3	0.006	0.001
81 09 28 1925		.3	1	20650		36	900	4<	8.5	10.2	0.3	0.005	0.001<
81 10 26 1505		.3	1	20665		20	392	4<	0.0	11.8	0.4	0.005	0.001
81 11 23 1915		.3	1	20680	4	10I	200	12	0.0	10.8	1.0	0.006	0.001<
	MAXIMUM					**168**	**2000**	**12**	**21.2**	**16.5**	**1.1**	**0.017**	**0.004**
	ARITH MEAN					**38**	**612**	**8**	**11.8**	**11.2**	**0.6**	**0.009**	**0.002**
	GEOM MEAN					**24**	**323**	**7**	**9.9**	**11.0**	**0.5**	**0.008**	**0.002**
	MINIMUM					**4**	**60**	**4**	**3.0**	**7.5**	**0.2**	**0.005**	**0.001**
	STD DEV (GEOM *)					**3***	**3***	**2***	**6.9**	**2.3**	**0.3**	**0.004**	**0.001**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**3**	**6**	**12**	**12**	**12**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 05 1645		.3	1	0.090	0.320	0.004	0.160	0.254	0.230	0.484	170.00	2.00	265.0
81 01 27 1840		.3	1	0.080	0.480	0.003	0.170	0.253	0.400	0.653	200.00	2.00	285.0
81 02 23 1750		.3	1	0.080	0.290	0.004	0.230	0.314	0.210	0.524	170.00	1.00	270.0
81 03 23 1655		.3	1	0.020	0.410	0.005	0.220	0.245	0.390	0.635	170.00	1.00	255.0
81 04 27 1645		.3	1	0.640	0.900	0.008	0.150	0.798	0.260	1.058	160.00	15.00	195.0
81 05 25 1435		.3	1	0.280	0.630	0.008	0.170	0.458	0.350	0.808	170.00	15.00	210.0
81 06 29 1650		.3	1	0.200	0.510	0.009	0.200	0.409	0.310	0.719	160.00	10.00	220.0
81 07 27 1605		.3	1	0.050	0.350	0.004	0.200	0.254	0.300	0.554	190.00	2.00	270.0
81 08 24 1620		.3	1	0.010<	0.270	0.002	0.050	0.062	0.260	0.322	170.00	2.00	310.0
81 09 28 1925		.3	1	0.010<	0.180	0.003	0.010	0.023	0.170	0.193	180.00	1.00	320.0
81 10 26 1505		.3	1	0.010	0.200	0.001	0.050	0.061	0.190	0.251	180.00	2.00	295.0
81 11 23 1915		.3	1	0.030	0.360	0.005	0.100	0.135	0.330	0.465	150.00	4.00	240.0
	MAXIMUM			**0.640**	**0.900**	**0.009**	**0.230**	**0.798**	**0.400**	**1.058**	**200.00**	**15.00**	**320.0**
	ARITH MEAN			**0.148**	**0.408**	**0.005**	**0.142**	**0.272**	**0.283**	**0.555**	**172.50**	**4.75**	**261.2**
	GEOM MEAN			**0.076**	**0.369**	**0.004**	**0.111**	**0.190**	**0.274**	**0.503**	**172.02**	**2.85**	**258.5**
	MINIMUM			**0.010**	**0.180**	**0.001**	**0.010**	**0.023**	**0.170**	**0.193**	**150.00**	**1.00**	**195.0**
	STD DEV (GEOM *)			**0.193**	**0.202**	**0.002**	**0.073**	**0.214**	**0.076**	**0.243**	**13.57**	**5.38**	**39.2**
	# SAMPLES (IN STATISTICS)			**10**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 05 1645		.3	1	1.20	1.000	16.000	5.000	110.0	7.50	7.1	0.400	131.000	55.000
81 01 27 1840		.3	1	1.10	2.700	15.000	4.000	122.0	7.70		0.350	137.000	54.000
81 02 23 1750		.3	1	1.30	1.000	16.000	6.000	118.0	7.70	6.6	0.400	135.000	48.000
81 03 23 1655		.3	1	0.95	1.000	15.000	5.000	111.0	7.90	7.8	0.350	129.000	48.000
81 04 27 1645		.3	1	2.20	1.000	27.000	4.000	63.0	7.60	7.1	0.590	94.000	79.000
81 05 25 1435		.3	1	2.90	0.700	19.000	3.000	79.0	7.80	7.7	0.500	102.000	69.000
81 06 29 1650		.3	1	2.60	0.900	22.000	4.000	81.0	7.50	8.2	0.330	103.000	70.000
81 07 27 1605		.3	1	1.30	0.900	19.000		116.0	8.30	7.9	0.170	138.000	50.000
81 08 24 1620		.3	1	0.75	0.900	15.000	0.000	141.0	8.30	8.3	0.082	159.000	31.000
81 09 28 1925		.3	1	0.85	0.700	5.100	0.000	158.0	8.30	7.8	0.130	173.000	25.000
81 10 26 1505		.3	1	1.50	0.800	9.400	2.000	143.0	8.00	7.6	0.16	155.000	28.000
81 11 23 1915		.3	1	2.30	0.600	10.000	4.000	109.0	7.80	7.7	0.120	124.000	40.000
	MAXIMUM			**2.90**	**2.700**	**27.000**	**6.000**	**158.0**	**8.30**	**8.3**	**0.590**	**173.000**	**79.000**
	ARITH MEAN			**1.58**	**1.017**	**15.708**	**4.111**	**112.6**	**7.87**	**7.6**	**0.29**	**131.667**	**49.750**
	GEOM MEAN			**1.44**	**0.938**	**14.534**	**3.943**	**109.1**	**7.86**	**7.6**	**0.25**	**129.632**	**46.902**
	MINIMUM			**0.75**	**0.600**	**5.100**	**2.000**	**63.0**	**7.50**	**6.6**	**0.082**	**94.000**	**25.000**
	STD DEV (GEOM *)			**0.73**	**0.547**	**5.841**	**1.167**	**27.8**	**0.30**	**0.5**	**0.16**	**23.868**	**17.110**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**9**	**12**	**12**	**11**	**12**	**12**	**12**

(CONTD)

B.O.W./SITE: **BLACK RIVER**
SAMPLE POINT: **AT HIGHWAY NO.614 SOUTH OF AGONZON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-003-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M.: **16 0582100.0 5414375.0 4** REGION: **06** DISTANCE: **84.327**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 05 1645	.3	1	0.004	0.010	0.008	0.002	0.100	0.031	0.014	0.001<
81 01 27 1840	.3	1	0.001<	0.005	0.006	0.002	0.071	0.024	0.001<	0.001<
81 02 23 1750	.3	1	0.001<	0.005	0.005	0.001	0.069	0.024	0.001	0.001<
81 03 23 1655	.3	1	0.001	0.008	0.050	0.002	0.073	0.017	0.001<	0.001
81 04 27 1645	.3	1	0.001	0.004	0.003	0.002	0.098	0.046	0.001	0.001
81 05 25 1435	.3	1	0.140	0.007	0.010	0.001	0.055	0.033	0.052	0.002
81 06 29 1650	.3	1	0.004	0.003	0.022		0.028	0.025	0.001	0.003
81 07 27 1605	.3	1	0.002	0.010	0.001<	0.002	0.019	0.025	0.007	0.007
81 08 24 1620	.3	1	0.002	0.003	0.001<	0.002	0.009	0.036	0.010	0.001<
81 09 28 1925	.3	1	0.002	0.001	0.002	0.002	0.007	0.032	0.001	0.001
81 10 26 1505	.3	1	0.001	0.004	0.005	0.001<	0.010	0.028	0.001	0.001<
81 11 23 1915	.3	1	0.001	0.001<	0.002	0.001<	0.002	0.012	0.002	0.001<
MAXIMUM			**0.140**	**0.010**	**0.050**	**0.002**	**0.100**	**0.046**	**0.052**	**0.007**
ARITH MEAN			**0.016**	**0.005**	**0.011**	**0.002**	**0.045**	**0.028**	**0.009**	**0.002**
GEOM MEAN			**0.003**	**0.005**	**0.007**	**0.002**	**0.027**	**0.026**	**0.003**	**0.002**
MINIMUM			**0.001**	**0.001**	**0.002**	**0.001**	**0.002**	**0.012**	**0.001**	**0.001**
STD DEV (GEOM *)			**0.044**	**0.003**	**0.015**	**0.000**	**0.037**	**0.009**	**0.016**	**0.002**
# SAMPLES (IN STATISTICS)			**10**	**11**	**10**	**9**	**12**	**12**	**10**	**6**

B.O.W./SITE: **BLACK RIVER**
SAMPLE POINT: **1 MI.BELOW OUTLET OF MOSE LONT.P&P RD.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-004-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M.: **16 0591450.0 5443075.0 4** REGION: **06** DISTANCE: **131.963**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 05 1800	.3	1	20513		16	156	4<	0.0	7.5	1.0	0.008	0.001<
81 01 27 2010	.3	1	20528		20	244	4<	0.0	9.0	1.6	0.011	0.001<
81 02 24 0920	.3	1	20543	4	4	24	4<	0.0	11.7	1.0	0.006	0.001<
81 03 23 1825	.3	1	20558		4	116	4	0.0	9.4	0.4	0.010	0.001<
81 04 27 1740	.3	1	20573		16	240	4<	4.0	10.0	1.0	0.021	0.001
81 05 25 1545	.3	1	20594	3	104	964	56	13.0	8.0	0.9	0.015	0.002
81 06 29 1735	.3	1	20609	3	290C	3600	16	15.0	7.1	0.8	0.016	0.002
81 07 27 1710	.3	1	20624	0	10C	2800	4	22.0	6.1	0.9	0.009	0.005
81 08 24 1800	.3	1	20639	0	100	8000	4	22.2	5.5	0.3	0.010	0.001
81 09 28 2030	.3	1	20654		160	2400	12	8.0	9.0	0.5	0.043	0.001<
81 10 26 1635	.3	1	20669	4	20I	460	4<	0.0	9.5	0.8	0.010	0.001<
81 11 23 2045	.3	1	20684	4	16	184	4<	0.0	11.2	1.2	0.008	0.001
MAXIMUM					**290**	**8000**	**56**	**22.2**	**11.7**	**1.6**	**0.043**	**0.005**
ARITH MEAN					**63**	**1599**	**16**	**14.0**	**8.7**	**0.9**	**0.014**	**0.002**
GEOM MEAN					**27**	**521**	**9**	**12.0**	**8.5**	**0.8**	**0.012**	**0.002**
MINIMUM					**4**	**24**	**4**	**4.0**	**5.5**	**0.3**	**0.006**	**0.001**
STD DEV (GEOM *)					**4***	**6***	**3***	**7.3**	**1.9**	**0.4**	**0.010**	**0.002**
# SAMPLES (IN STATISTICS)					**12**	**12**	**6**	**6**	**12**	**12**	**12**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 05 1800	.3	1	0.140	0.500	0.005	0.100	0.245	0.360	0.605	150.00	1.00	235.0
81 01 27 2010	.3	1	0.170	0.730	0.004	0.120	0.294	0.560	0.854	160.00	2.00	240.0
81 02 24 0920	.3	1	0.370	0.750	0.010	0.690	1.070	0.380	1.450	120.00	3.00	139.0
81 03 23 1825	.3	1	0.130	0.570	0.004	0.170	0.304	0.440	0.744	160.00	1.00	230.0
81 04 27 1740	.3	1	1.200	1.500	0.008	0.130	1.338	0.300	1.638	170.00	3.00	205.0
81 05 25 1545	.3	1	1.700	1.700	0.015	0.130	1.845	0.000	1.845	230.00	8.00	295.0
81 06 29 1735	.3	1	1.400	1.700	0.011	0.120	1.531	0.300	1.831	210.00	10.00	300.0
81 07 27 1710	.3	1	2.600	3.100	0.010	0.280	2.890	0.500	3.390	350.00	10.00	445.0
81 08 24 1800	.3	1	3.800	3.900	0.014	0.540	4.354	0.100	4.454	450.00	4.00	640.0
81 09 28 2030	.3	1	6.000	5.700	0.012	0.880	6.892	0.300	6.592	630.00	2.00	850.0
81 10 26 1635	.3	1	4.400	4.200	0.005	0.440	4.845	0.200	4.645	470.00	1.00	680.0
81 11 23 2045	.3	1	3.400	5.000	0.010	0.410	3.820	1.600	5.420	390.00	2.00	530.0
MAXIMUM			**6.000**	**5.700**	**0.015**	**0.880**	**6.892**	**1.600**	**6.592**	**630.00**	**10.00**	**850.0**
ARITH MEAN			**2.109**	**2.446**	**0.009**	**0.334**	**2.452**	**0.458**	**2.789**	**290.83**	**3.92**	**399.1**
GEOM MEAN			**1.093**	**1.775**	**0.008**	**0.253**	**1.511**	**0.363**	**2.109**	**253.01**	**2.80**	**345.1**
MINIMUM			**0.130**	**0.500**	**0.004**	**0.100**	**0.245**	**0.100**	**0.605**	**120.00**	**1.00**	**139.0**
STD DEV (GEOM *)			**1.936**	**1.855**	**0.004**	**0.260**	**2.124**	**0.400**	**2.036**	**163.45**	**3.42**	**226.9**
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 05 1800	.3	1	1.40	0.700	7.000	9.000	106.0	7.20	6.8	0.450	117.000	60.000
81 01 27 2010	.3	1	0.80	1.100	5.500	9.000	116.0	7.40		0.250	120.000	59.000
81 02 24 0920	.3	1	1.50	1.300	9.800	3.000	49.0	7.70	7.0	0.250	61.000	37.000
81 03 23 1825	.3	1	1.50	0.800	11.000	14.000	103.0	7.30	7.4	0.500	116.000	54.000
81 04 27 1740	.3	1	2.20	1.700	44.000	10.000	47.0	7.00	7.6	0.980	94.000	87.000
81 05 25 1545	.3	1	6.00	1.900	74.000	4.000	53.0	7.50	7.3	1.000	124.000	90.000
81 06 29 1735	.3	1	4.10	2.300	67.000	4.000	60.0	7.50	7.8	0.60	127.000	82.000
81 07 27 1710	.3	1	1.40	2.900	143.000	2.000	66.0	7.90	7.5	0.260	197.000	56.000
81 08 24 1800	.3	1	1.20	3.900	228.000	3.000	65.0	7.80	7.7	0.080	285.000	40.000
81 09 28 2030	.3	1	1.20	4.900	327.000	4.000	64.0	7.70	7.1	0.310	391.000	33.000
81 10 26 1635	.3	1	1.30	3.400	250.000	5.000	88.0	7.60	7.3	0.17	306.000	53.000
81 11 23 2045	.3	1	1.40	2.900	188.000	7.000	86.0	7.50	7.2	0.110	259.000	51.000

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
				TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP
MAXIMUM				6.00	4.900	327.000	14.000	116.0	7.90	7.8	1.000	391.000	90.000
ARITH MEAN				2.00	2.317	112.858	6.167	75.2	7.51	7.3	0.41	183.083	58.500
GEOM MEAN				1.68	1.962	52.650	5.268	72.0	7.50	7.3	0.31	158.733	56.780
MINIMUM				0.80	0.700	5.500	2.000	47.0	7.00	6.8	0.080	61.000	33.000
STD DEV (GEOM *)				1.51	1.315	111.420	3.639	23.7	0.26	0.3	0.31	103.135	18.894
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	11	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
				ASUT	HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT
81 01 05 1800		.3	1	0.001<		0.004	0.005	0.001<	0.002	0.062	0.029	0.001	0.001<
81 01 27 2010		.3	1			0.001<	0.004	0.004	0.001	0.041	0.045	0.001<	0.001
81 02 24 0920		.3	1	0.001<		0.001<	0.006	0.003	0.001	0.042	0.028	0.001	0.001
81 03 23 1825		.3	1			0.001	0.004	0.008	0.004	0.077	0.074	0.001<	0.002
81 04 27 1740		.3	1			0.002	0.011	0.001	0.001	0.280	0.072	0.005	0.001
81 05 25 1545		.3	1	0.004<		0.003	0.011	0.007	0.002	0.230	0.050	0.002	0.001<
81 06 29 1735		.3	1		0.001	0.002	0.008	0.022	0.001	0.13	0.025		0.006
81 07 27 1710		.3	1			0.002	0.017	0.001<	0.003	0.094	0.047	0.010	0.006
81 08 24 1800		.3	1	0.001<		0.005	0.008	0.001<	0.002	0.079	0.054	0.017	0.001<
81 09 28 2030		.3	1			0.003	0.006	0.001<	0.004	0.140	0.032	0.004	0.001
81 10 26 1635		.3	1			0.004	0.014	0.003	0.004	0.096	0.038	0.001	0.001<
81 11 23 2045		.3	1	0.001<		0.002	0.001<	0.002	0.001<	0.180	0.033	0.003	0.001<
MAXIMUM					**0.001**	**0.005**	**0.017**	**0.022**	**0.004**	**0.280**	**0.074**	**0.017**	**0.006**
ARITH MEAN					**0.001**	**0.003**	**0.009**	**0.006**	**0.002**	**0.12**	**0.044**	**0.005**	**0.003**
GEOM MEAN						**0.003**	**0.008**	**0.004**	**0.002**	**0.10**	**0.041**	**0.003**	**0.002**
MINIMUM					**0.001**	**0.001**	**0.004**	**0.001**	**0.001**	**0.041**	**0.025**	**0.001**	**0.001**
STD DEV (GEOM *)						**0.001**	**0.004**	**0.007**	**0.001**	**0.07**	**0.016**	**0.005**	**0.002**
# SAMPLES (IN STATISTICS)					1	10	11	8	11	12	12	9	7

B.O.W./ SITE: **FOX CREEK**
SAMPLE POINT: **AT HIGHWAY NO.614 MANITOUWADGE LAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-005-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0587900.0 5442725.0 4** REGION: **06** DISTANCE: **136.951**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 01 05 1810		.3	1	20511	4	28	52	8	0.5	7.5	0.4	0.010	0.001<
81 01 27 2040		.3	1	20526		4	8	4<	0.0	9.0	0.4	0.007	0.001
81 02 23 1750		.3	1	20539	4	4<	4<	4<	0.0	10.6	0.2	0.001	0.001<
81 03 23 1745		.3	1	20556		8	24	16	0.0	9.4	0.4	0.006	0.001<
81 04 27 1750		.3	1	20571		40	440	4<	3.0	11.0	0.6	0.015	0.001
81 05 25 1520		.3	1	20592		56	164	4	11.5	9.2	0.7	0.010	0.001
81 06 29 1720		.3	1	20607	3	36	368	4<	17.0	7.9	0.2	0.010	0.002
81 07 27 1645		.3	1	20622		20I	810	4<	18.8	6.3	1.0	0.013	0.009
81 08 24 1710		.3	1	20637		80I	2000	4	21.3	6.9	0.2	0.007	0.001
81 09 28 2007		.3	1	20652		60I	500	4	10.0	8.0	0.2	0.007	0.001
81 10 26 1600		.3	1	20667		16	76	4<	3.0	9.7	0.4	0.007	0.001<
81 11 23 2020		.3	1	20682		12	8	4<	0.0	12.2	0.3	0.009	0.001<
MAXIMUM						**80**	**2000**	**16**	**21.3**	**12.2**	**1.0**	**0.015**	**0.009**
ARITH MEAN						**33**	**405**	**7**	**10.6**	**9.0**	**0.4**	**0.008**	**0.002**
GEOM MEAN						**24**	**126**	**6**	**6.6**	**8.8**	**0.4**	**0.007**	**0.002**
MINIMUM						**4**	**8**	**4**	**0.5**	**6.3**	**0.2**	**0.001**	**0.001**
STD DEV (GEOM *)						**3***	**6***	**2***	**7.9**	**1.7**	**0.2**	**0.004**	**0.003**
# SAMPLES (IN STATISTICS)						11	11	5	8	12	12	12	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
				NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
81 01 05 1810		.3	1	0.160	0.460	0.006	0.140	0.306	0.300	0.606	220.00	1.00	310.0
81 01 27 2040		.3	1	0.110	0.470	0.005	0.150	0.265	0.360	0.625	210.00	1.00	305.0
81 02 23 1750		.3	1	0.110	0.460	0.010	0.170	0.290	0.350	0.640	240.00	1.00	315.0
81 03 23 1745		.3	1	0.140	0.530	0.007	0.240	0.387	0.390	0.777	240.00	1.00	320.0
81 04 27 1750		.3	1	0.070	0.430	0.006	0.090	0.166	0.360	0.526	140.00	3.00	165.0
81 05 25 1520		.3	1	0.050	0.410	0.005	0.140	0.195	0.360	0.555	180.00	2.00	235.0
81 06 29 1720		.3	1	0.040	0.790	0.005	0.100	0.145	0.750	0.895	170.00	1.00	230.0
81 07 27 1645		.3	1	0.010	0.370	0.004	0.010	0.024	0.360	0.384	190.00	2.00	225.0
81 08 24 1710		.3	1	0.010<	0.340	0.003	0.060	0.073	0.330	0.403	180.00	1.00	260.0
81 09 28 2007		.3	1	0.010	0.320	0.004	0.070	0.084	0.310	0.394	210.00	1.00	280.0
81 10 26 1600		.3	1	0.070	0.350	0.002	0.090	0.162	0.280	0.442	190.00	1.00	295.0
81 11 23 2020		.3	1	0.110	0.430	0.007	0.130	0.247	0.320	0.567	200.00	1.00	310.0
MAXIMUM				**0.160**	**0.790**	**0.010**	**0.240**	**0.387**	**0.750**	**0.895**	**240.00**	**3.00**	**320.0**
ARITH MEAN				**0.080**	**0.447**	**0.005**	**0.116**	**0.195**	**0.372**	**0.568**	**197.50**	**1.33**	**270.8**
GEOM MEAN				**0.059**	**0.434**	**0.005**	**0.095**	**0.159**	**0.360**	**0.549**	**195.47**	**1.23**	**266.3**
MINIMUM				**0.010**	**0.320**	**0.002**	**0.010**	**0.024**	**0.280**	**0.384**	**140.00**	**1.00**	**165.0**
STD DEV (GEOM *)				**0.050**	**0.124**	**0.002**	**0.059**	**0.107**	**0.123**	**0.157**	**28.96**	**0.65**	**48.3**
# SAMPLES (IN STATISTICS)				11	12	12	12	12	12	12	12	12	12

(CONTD)

B.O.W./ SITE: **FOX CREEK**
SAMPLE POINT: **AT HIGHWAY NO.614 MANITOUWADGE LAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-005-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0587900.0 5442725.0 4** REGION: **06** DISTANCE: **136.951**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 05 1810		.3	1	4.10	2.800	69.000	9.000	67.0	7.10	6.8	2.600	147.000	126.000
81 01 27 2040		.3	1	0.25	3.000	64.000	5.000	69.0	7.40		1.800	141.000	108.000
81 02 23 1750		.3	1	2.40	3.400	71.000	6.000	71.0	7.20	6.6	1.700	149.000	108.000
81 03 23 1745		.3	1	3.60	3.200	72.000	9.000	74.0	7.10	7.3	2.900	153.000	121.000
81 04 27 1750		.3	1	2.40	1.600	30.000	10.000	42.0	6.90	7.2	1.700	80.000	112.000
81 05 25 1520		.3	1	3.60	2.600	49.000	4.000	54.0	7.30	7.3	2.100	106.000	114.000
81 06 29 1720		.3	1	1.90	2.400	42.000	4.000	57.0	7.40	8.1	1.400	103.000	90.000
81 07 27 1645		.3	1	1.80	2.900	42.000	1.000	63.0	8.10	7.6	0.860	106.000	83.000
81 08 24 1710		.3	1	2.10	3.100	48.000	2.000	68.0	7.90	7.8	0.860	122.000	75.000
81 09 28 2007		.3	1	1.90	3.500	56.000	2.000	71.0	8.00	7.4	0.950	128.000	63.000
81 10 26 1600		.3	1	3.00	3.500	65.000	3.000	71.0	7.70	7.3	1.0	142.000	71.000
81 11 23 2020		.3	1	3.10	3.700	67.000	3.000	72.0	7.80	7.5	1.600	145.000	80.000
MAXIMUM				**4.10**	**3.700**	**72.000**	**10.000**	**74.0**	**8.10**	**8.1**	**2.900**	**153.000**	**126.000**
ARITH MEAN				**2.51**	**2.975**	**56.250**	**4.833**	**64.9**	**7.49**	**7.4**	**1.6**	**126.833**	**95.917**
GEOM MEAN				**2.15**	**2.912**	**54.491**	**3.940**	**64.2**	**7.48**	**7.3**	**1.5**	**124.647**	**93.652**
MINIMUM				**0.25**	**1.600**	**30.000**	**1.000**	**42.0**	**6.90**	**6.6**	**0.860**	**80.000**	**63.000**
STD DEV (GEOM *)				**1.05**	**0.582**	**13.805**	**3.040**	**9.5**	**0.40**	**0.4**	**0.6**	**23.350**	**21.339**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 05 1810		.3	1	0.002	0.024	0.011	0.002	0.660	0.100	0.003	0.001
81 01 27 2040		.3	1	0.001	0.021	0.001<	0.002	0.570	0.058	0.001	0.001<
81 02 23 1750		.3	1	0.001<	0.021	0.005	0.002	0.560	0.059	0.003	0.002
81 03 23 1745		.3	1	0.001	0.023	0.007	0.004	0.650	0.120	0.001<	0.001
81 04 27 1750		.3	1	0.003	0.012	0.002	0.002	0.460	0.120	0.001	0.001
81 05 25 1520		.3	1	0.002	0.016	0.003	0.002	0.530	0.130	0.001	0.001<
81 06 29 1720		.3	1	0.005	0.017	0.021	0.002	0.320	0.023	0.001<	0.006
81 07 27 1645		.3	1	0.002	0.016	0.012	0.002	0.180	0.036	0.006	0.004
81 08 24 1710		.3	1	0.001<	0.013	0.001<	0.002	0.250	0.028	0.007	0.001
81 09 28 2007		.3	1	0.002	0.013	0.002	0.002	0.240	0.040	0.001<	0.001<
81 10 26 1600		.3	1	0.002	0.019	0.006	0.003	0.63	0.065	0.002	0.001<
81 11 23 2020		.3	1	0.001<	0.011	0.001<	0.001<	0.370	0.057	0.002	0.001
MAXIMUM				**0.005**	**0.024**	**0.021**	**0.004**	**0.660**	**0.130**	**0.007**	**0.006**
ARITH MEAN				**0.002**	**0.017**	**0.008**	**0.002**	**0.45**	**0.070**	**0.003**	**0.002**
GEOM MEAN				**0.002**	**0.017**	**0.006**	**0.002**	**0.41**	**0.060**	**0.002**	**0.002**
MINIMUM				**0.001**	**0.011**	**0.002**	**0.002**	**0.180**	**0.023**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.001**	**0.004**	**0.006**	**0.001**	**0.17**	**0.038**	**0.002**	**0.002**
# SAMPLES (IN STATISTICS)				**9**	**12**	**9**	**11**	**12**	**12**	**9**	**8**

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **ABOVE MOSE LAKE ON ONT.P&P ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-006-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0591900.0 5443750.0 4** REGION: **06** DISTANCE: **133.250**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 05 1745		.3	1	20512		12	164	4	0.0	3.5	0.4	0.014	0.006
81 01 27 2000		.3	1	20527		28	512	12	0.0	8.0	2.1	0.021	0.001<
81 02 23 1910		.3	1	20542	0	24I	248	4	0.0	8.7	0.2	0.007	0.001
81 03 23 1810		.3	1	20557		20	128	8	0.0	9.6	0.4	0.008	0.002
81 04 27 1730		.3	1	20572		60	424	8	4.0	11.2	0.6	0.010	0.001
81 05 25 1540		.3	1	20593	3	190	250	164	11.0	8.5	1.1	0.012	0.002
81 06 29 1730		.3	1	20608	3	590C	8300	76	14.0	7.3	0.6	0.013	0.002
81 07 27 1700		.3	1	20623	0	150C	2900	4	16.0	7.6	0.8	0.014	0.013
81 08 24 1750		.3	1	20638	9	130	610	4<	23.5	5.1	0.3	0.014	0.001
81 09 28 2022		.3	1	20653		110	2400	4<	10.0	8.5	0.1	0.013	0.001
81 10 26 1615		.3	1	20668	0	50	480	8	1.0	9.5	0.5	0.009	0.001
81 11 23 2035		.3	1	20683	4	20I	420	20	0.0	11.6	0.4	0.013	0.001
MAXIMUM						**590**	**8300**	**164**	**23.5**	**11.6**	**2.1**	**0.021**	**0.013**
ARITH MEAN						**115**	**1403**	**31**	**11.4**	**8.3**	**0.6**	**0.012**	**0.003**
GEOM MEAN						**60**	**596**	**13**	**8.1**	**7.9**	**0.5**	**0.012**	**0.002**
MINIMUM						**12**	**128**	**4**	**1.0**	**3.5**	**0.1**	**0.007**	**0.001**
STD DEV (GEOM *)						**3***	**3***	**4***	**7.5**	**2.3**	**0.5**	**0.004**	**0.004**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**7**	**12**	**12**	**12**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*
81 01 05 1745		.3	1	0.130	0.540	0.004	0.090	0.224	0.410	0.634	120.00	1.00	230.0
81 01 27 2000		.3	1	0.160	0.750	0.004	0.150	0.314	0.590	0.904	160.00	1.00	245.0
81 02 23 1910		.3	1	0.140	0.480	0.005	0.240	0.385	0.340	0.725	170.00	1.00	225.0
81 03 23 1810		.3	1	0.060	0.420	0.004	0.170	0.234	0.360	0.594	160.00	1.00	230.0
81 04 27 1730		.3	1	0.010	0.340	0.004	0.050	0.064	0.330	0.394	90.00	2.00	104.0
81 05 25 1540		.3	1	0.020	0.410	0.004	0.040	0.064	0.390	0.454	110.00	3.00	140.0
81 06 29 1730		.3	1	0.020	0.490	0.006	0.040	0.066	0.470	0.536	150.00	5.00	138.0
81 07 27 1700		.3	1	0.010	0.400	0.003	0.018	0.031	0.390	0.421	170.00	3.00	190.0
81 08 24 1750		.3	1	0.010<	0.400	0.002	0.010	0.022	0.390	0.412	150.00	2.00	235.0
81 09 28 2022		.3	1	0.010	0.340	0.003	0.010	0.023	0.330	0.353	160.00	1.00	250.0
81 10 26 1615		.3	1	0.010<	0.370	0.002	0.040	0.052	0.360	0.412	130.00	1.00	190.0
81 11 23 2035		.3	1	0.030	0.390	0.006	0.100	0.136	0.360	0.496	140.00	2.00	195.0
MAXIMUM				**0.160**	**0.750**	**0.006**	**0.240**	**0.385**	**0.590**	**0.904**	**170.00**	**5.00**	**250.0**
ARITH MEAN				**0.059**	**0.444**	**0.004**	**0.080**	**0.135**	**0.393**	**0.528**	**142.50**	**1.92**	**197.7**
GEOM MEAN				**0.034**	**0.433**	**0.004**	**0.051**	**0.087**	**0.388**	**0.508**	**140.18**	**1.63**	**191.4**
MINIMUM				**0.010**	**0.340**	**0.002**	**0.010**	**0.022**	**0.330**	**0.353**	**90.00**	**1.00**	**104.0**
STD DEV (GEOM *)				**0.060**	**0.114**	**0.001**	**0.073**	**0.124**	**0.073**	**0.162**	**25.27**	**1.24**	**47.7**
# SAMPLES (IN STATISTICS)				**10**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*
81 01 05 1745		.3	1	0.75	0.400	3.500	10.000	111.0	7.20	6.7	0.300	115.000	56.000
81 01 27 2000		.3	1	0.75	1.200	3.300	8.000	116.0	7.40		0.250	123.000	53.000
81 02 23 1910		.3	1	1.30	0.740		5.000	111.0	7.30	6.2	0.400	115.000	57.000
81 03 23 1810		.3	1	0.90	0.600	4.100	8.000	112.0	7.30	7.4	0.250	116.000	45.000
81 04 27 1730		.3	1	0.70	0.300	5.100	6.000	50.0	7.20	7.5	0.160	55.000	73.000
81 05 25 1540		.3	1	1.50	0.200	2.900	4.000	66.0	7.50	7.3	0.220	71.000	87.000
81 06 29 1730		.3	1	1.70	0.300		6.000	64.0	7.30	8.1	0.330	68.000	111.000
81 07 27 1700		.3	1	2.90	0.300	2.200	3.000	90.0	7.90	7.5	0.320	95.000	79.000
81 08 24 1750		.3	1	1.40	0.200	2.100	3.000	117.0	7.90	7.9	0.180	120.000	54.000
81 09 28 2022		.3	1	2.10	0.500	2.000	2.000	125.0	7.80	7.4	0.410	128.000	50.000
81 10 26 1615		.3	1	0.85	0.600	2.400	3.000	94.0	7.60	7.1	0.18	102.000	62.000
81 11 23 2035		.3	1	1.50	0.500	3.100	5.000	94.0	7.50	7.5	0.160	102.000	57.000
MAXIMUM				**2.90**	**1.200**	**5.100**	**10.000**	**125.0**	**7.90**	**8.1**	**0.410**	**128.000**	**111.000**
ARITH MEAN				**1.36**	**0.487**	**3.070**	**5.250**	**95.8**	**7.49**	**7.3**	**0.26**	**100.833**	**65.333**
GEOM MEAN				**1.24**	**0.425**	**2.939**	**4.727**	**92.5**	**7.49**	**7.3**	**0.25**	**97.746**	**63.180**
MINIMUM				**0.70**	**0.200**	**2.000**	**2.000**	**50.0**	**7.20**	**6.2**	**0.160**	**55.000**	**45.000**
STD DEV (GEOM *)				**0.66**	**0.282**	**0.986**	**2.454**	**24.3**	**0.26**	**0.5**	**0.08**	**23.998**	**18.990**
# SAMPLES (IN STATISTICS)				**12**	**12**	**10**	**12**	**12**	**12**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 01 05 1745		.3	1	0.002	0.004	0.002	0.009	0.001	0.007	0.015	0.002	0.001<
81 01 27 2000		.3	1		0.001	0.001	0.001	0.001	0.004	0.015	0.001<	0.001<
81 02 23 1910		.3	1	0.001<	0.001<	0.001<	0.002	0.001<	0.010		0.001<	0.002
81 03 23 1810		.3	1		0.001	0.007	0.004	0.001	0.006	0.013	0.001<	0.001<
81 04 27 1730		.3	1		0.001	0.001<	0.005	0.001<	0.004	0.010	0.001<	0.001
81 05 25 1540		.3	1	0.004<	0.002	0.002	0.001<	0.001	0.003	0.021	0.001<	0.001
81 06 29 1730		.3	1		0.001<	0.002	0.017	0.001	0.001	0.023	0.001<	0.004
81 07 27 1700		.3	1		0.001	0.003	0.001<	0.002	0.005	0.033	0.006	0.004
81 08 24 1750		.3	1	0.001<	0.007	0.001<	0.001<	0.002	0.002	0.029	0.010	0.001
81 09 28 2022		.3	1		0.010	0.049	0.001<	0.002	0.004	0.028	0.006	0.001<
81 10 26 1615		.3	1		0.001	0.004	0.003	0.001	0.003	0.012	0.001<	0.001
81 11 23 2035		.3	1	0.001<	0.001<	0.001<	0.001	0.001<	0.004	0.010	0.002	0.001<
MAXIMUM				**0.002**	**0.010**	**0.049**	**0.017**	**0.002**	**0.010**	**0.033**	**0.010**	**0.004**
ARITH MEAN				**0.002**	**0.003**	**0.009**	**0.005**	**0.001**	**0.004**	**0.019**	**0.005**	**0.002**
GEOM MEAN					**0.002**	**0.004**	**0.003**	**0.001**	**0.004**	**0.017**	**0.004**	**0.002**
MINIMUM				**0.002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.010**	**0.002**	**0.001**
STD DEV (GEOM *)					**0.003**	**0.016**	**0.005**	**0.000**	**0.002**	**0.008**	**0.003**	**0.001**
# SAMPLES (IN STATISTICS)				**1**	**9**	**8**	**8**	**9**	**12**	**11**	**5**	**7**

B.O.W./ SITE: **RUDDER CREEK**
SAMPLE POINT: **3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-007-02**
STORET CODE: **02 001 2280**

LAT: LONG: U T M: **16 0579750.0 5440800.0 0** REGION: **06** DISTANCE: **96.742**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 05 1915		.3	1	20514		248	324	44	0.0		2.4	2.700	2.100
81 01 27 1930		.3	1	20529	4	810C	3000	92	0.0	8.0	4.0	3.300	3.000
81 02 23 1830		.3	1	20544	4.0	7100	13200	600>	0.0	2.6	6.0		3.400
81 03 23 1725		.3	1	20559		15000>	100000>	7300	0.0	5.4	5.2	3.500	3.600
81 04 27 1820		.3	1	20574		2900	6300	580	5.0	9.6	2.9	0.480	0.300
81 05 25 1505		.3	1	20595	3	800C	41000	10I	10.0	8.7	1.6	0.830	0.780
81 06 29 1810		.3	1	20610	3	1100	18000	20I	13.2	7.1	0.8	0.890	0.860
81 07 27 1750		.3	1	20625	0	1500	15000	10<	17.0	7.1	1.1	0.600	0.610
81 08 24 1650		.3	1	20640	0	2300	8000	30I	15.0	5.8	0.2	0.740	0.720
81 09 28 2100		.3	1	20655		590	3000	4<	6.0	7.9	0.3		0.610
81 10 26 1700		.3	1	20670		180	390	4	0.0	11.2	0.9	0.730	0.790
81 11 23 2105		.3	1	20685	4	240	1300	4<	0.0	9.8	0.6	1.300	1.300
MAXIMUM						**7100**	**41000**	**7300**	**17.0**	**11.2**	**6.0**	**3.500**	**3.600**
ARITH MEAN						**1615**	**9956**	**1010**	**11.0**	**7.6**	**2.2**	**1.507**	**1.506**
GEOM MEAN						**902**	**4362**	**67**	**10.0**	**7.1**	**1.4**	**1.166**	**1.129**
MINIMUM						**180**	**324**	**4**	**5.0**	**2.6**	**0.2**	**0.480**	**0.300**
STD DEV (GEOM *)						**3***	**5***	**11***	**4.9**	**2.4**	**2.0**	**1.181**	**1.196**
# SAMPLES (IN STATISTICS)						**11**	**11**	**8**	**6**	**11**	**12**	**10**	**12**

(CONTD)

B.O.W./ SITE: **RUDDER CREEK**
SAMPLE POINT: **3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-007-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M: **16 0579750.0 5440800.0 0** REGION: **06** DISTANCE: **96.742**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 05 1915	.3	1		3.800	6.000	0.011	0.800	4.611	2.200	6.811	320.00	8.00	550.0
81 01 27 1930	.3	1		7.300	8.300	0.008	0.130	7.438	1.000	8.438	360.00	3.00	660.0
81 02 23 1830	.3	1		12.000		0.016	0.070	12.086			400.00	5.00	700.0
81 03 23 1725	.3	1		13.000	16.000	0.006	0.030	13.036	3.000	16.036	440.00	5.00	730.0
81 04 27 1820	.3	1		0.730	1.300	0.053	0.370	1.153	0.570	1.723	80.00	10.00	190.0
81 05 25 1505	.3	1		0.040	0.740	0.018	0.280	0.338	0.700	1.038	230.00	6.00	325.0
81 06 29 1810	.3	1		0.060	1.100	0.026	0.170	0.256	1.040	1.296	240.00	30.00	295.0
81 07 27 1750	.3	1		0.020	0.630	0.012	0.180	0.212	0.610	0.822	250.00	2.00	375.0
81 08 24 1650	.3	1		0.030	0.600	0.005	0.080	0.115	0.570	0.685	270.00	1.00	430.0
81 09 28 2100	.3	1		0.010	0.620	0.005	0.340	0.355	0.610	0.965	300.00	2.00	475.0
81 10 26 1700	.3	1		0.660	1.300	0.017	1.500	2.177	0.640	2.817	320.00	1.00	520.0
81 11 23 2105	.3	1		1.000	1.700	0.025	1.900	2.925	0.700	3.625	330.00	1.00	565.0
MAXIMUM				**13.000**	**16.000**	**0.053**	**1.900**	**13.036**	**3.000**	**16.036**	**440.00**	**30.00**	**730.0**
ARITH MEAN				**3.221**	**3.481**	**0.017**	**0.487**	**3.725**	**1.058**	**4.023**	**295.00**	**6.17**	**484.6**
GEOM MEAN				**0.420**	**1.738**	**0.013**	**0.248**	**1.327**	**0.885**	**2.346**	**275.53**	**3.57**	**453.7**
MINIMUM				**0.010**	**0.600**	**0.005**	**0.030**	**0.115**	**0.570**	**0.685**	**80.00**	**1.00**	**190.0**
STD DEV (GEOM *)				**4.845**	**4.866**	**0.013**	**0.608**	**4.681**	**0.799**	**4.749**	**92.88**	**8.05**	**168.6**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**11**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 05 1915	.3	1		1.40	28.000	21.000	12.000	214.0	7.50	7.5	0.250	222.000	61.000
81 01 27 1930	.3	1		1.40	33.000	25.000	15.000	284.0	7.60		0.400	253.000	67.000
81 02 23 1830	.3	1		2.50	36.000	20.000	27.000	283.0	7.40	6.3	0.500	263.000	65.000
81 03 23 1725	.3	1		4.40	45.000	30.000	19.000	290.0	7.50	7.5	0.450	271.000	55.000
81 04 27 1820	.3	1		0.80	4.500	7.900	7.000	82.0	7.30	8.1	0.270	88.000	67.000
81 05 25 1505	.3	1		1.20	12.000	13.000	4.000	127.0	7.70	7.6	0.240	140.000	66.000
81 06 29 1810	.3	1		1.60	9.600	10.000	5.000	117.0	7.60	7.8		127.000	83.000
81 07 27 1750	.3	1		0.75	13.000	15.000	2.000	155.0	8.20	7.8		167.000	64.000
81 08 24 1650	.3	1		0.70	13.000	15.000	7.000	182.0	7.70	7.7	0.220	192.000	57.000
81 09 28 2100	.3	1		0.40	11.000	24.000	5.000	186.0	7.80	7.3		206.000	48.000
81 10 26 1700	.3	1		0.30	26.000	32.000	5.000	195.0	7.80	7.4	0.100	222.000	35.000
81 11 23 2105	.3	1		0.40	27.000	32.000	8.000	211.0	7.70	7.5	0.056	242.000	35.000
MAXIMUM				**4.40**	**45.000**	**32.000**	**27.000**	**290.0**	**8.20**	**8.1**	**0.500**	**271.000**	**83.000**
ARITH MEAN				**1.32**	**21.508**	**20.408**	**9.667**	**193.8**	**7.65**	**7.5**	**0.276**	**199.417**	**58.583**
GEOM MEAN				**0.99**	**17.801**	**18.666**	**7.584**	**181.9**	**7.65**	**7.5**	**0.230**	**190.066**	**56.894**
MINIMUM				**0.30**	**4.500**	**7.900**	**2.000**	**82.0**	**7.30**	**6.3**	**0.056**	**88.000**	**35.000**
STD DEV (GEOM *)				**1.16**	**12.660**	**8.385**	**7.353**	**67.8**	**0.23**	**0.5**	**0.150**	**58.160**	**13.846**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**11**	**9**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 05 1915	.3	1		0.001<	0.007	0.010	0.001<	0.002	0.012	0.075	0.001<	0.001<
81 01 27 1930	.3	1			0.001	0.013	0.006	0.002	0.011	0.310	0.001<	0.001<
81 02 23 1830	.3	1								0.110		
81 03 23 1725	.3	1								0.130		
81 04 27 1820	.3	1			0.002	0.006	0.006	0.001	0.005	0.021	0.004	0.001<
81 05 25 1505	.3	1		0.004<	0.034	0.005	0.009	0.002	0.002	0.028	0.010	0.001
81 08 24 1650	.3	1		0.001<	0.004	0.002	0.001<	0.002	0.005	0.046	0.012	0.001<
81 11 23 2105	.3	1		0.001<	0.001<	0.001<	0.003	0.001<	0.001<	0.016	0.004	0.001<
MAXIMUM					**0.034**	**0.013**	**0.009**	**0.002**	**0.012**	**0.310**	**0.012**	**0.001**
ARITH MEAN					**0.010**	**0.007**	**0.006**	**0.002**	**0.007**	**0.092**	**0.007**	**0.001**
GEOM MEAN					**0.005**	**0.006**	**0.006**	**0.002**	**0.006**	**0.059**	**0.007**	
MINIMUM					**0.001**	**0.002**	**0.003**	**0.001**	**0.002**	**0.016**	**0.004**	**0.001**
STD DEV (GEOM *)					**0.014**	**0.004**	**0.002**	**0.000**	**0.004**	**0.098**	**0.004**	
# SAMPLES (IN STATISTICS)					**5**	**5**	**4**	**5**	**5**	**8**	**4**	**1**

B.O.W./ SITE: **FOX CREEK**
SAMPLE POINT: **AT INFLOW TO MANITOWADGE LAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **PIC RIVER**

STATION ID: **01-0060-008-02**
STORET CODE: **02 001 2280**

LAT: LONG: U.T.M: **16 0587950.0 5444000.0 4** REGION: **06** DISTANCE: **138.239**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 05 1730	.3	1		20510		250	2000	324	1.0	5.5	0.6	0.020	
81 01 27 2030	.3	1		20525	0	1700	2600	600>	0.5	9.0	1.4	0.019	0.017
81 02 23 1940	.3	1		20540		10I	20I	10<	2.0	8.8	1.0	0.060	0.002
81 03 23 1755	.3	1		20555		190	320	10<	1.0	9.7	1.2	0.038	0.007
81 04 27 1715	.3	1		20570		48	400	4	4.0	11.2	0.6	0.012	0.001
81 05 25 1605	.3	1		20591		1500	4500	1100	12.0	8.7	1.6	0.013	0.001
81 06 29 1750	.3	1		20606	3	900I	6100	40I	14.0	7.2	0.8	0.015	0.002
81 07 27 1725	.3	1		20621	0	1800C	30000	130	17.0	7.2	1.3	0.020	0.003
81 08 24 1725	.3	1		20636	0.7	2200	5700	600>	22.0	7.5	0.4	0.014	0.002
81 09 28 1957	.3	1		20651		2000	6000	860	10.5	7.5	0.4	0.017	0.002
81 10 26 1545	.3	1		20666		40I	480	10<	1.5	10.8	0.6	0.017	0.002

(CONTD)

TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 11 23 2005 .3 1	20681		244	364	100	0.0	11.6	0.6	0.015	0.003
MAXIMUM			**2200**	**30000**	**1100**	**22.0**	**11.6**	**1.6**	**0.060**	**0.017**
ARITH MEAN			**907**	**4874**	**365**	**7.8**	**8.7**	**0.9**	**0.022**	**0.004**
GEOM MEAN			**355**	**1417**	**130**	**4.0**	**8.5**	**0.8**	**0.019**	**0.003**
MINIMUM			**10**	**20**	**4**	**0.5**	**5.5**	**0.4**	**0.012**	**0.001**
STD DEV (GEOM *)			**6***	**7***	**7***	**7.6**	**1.9**	**0.4**	**0.014**	**0.005**
# SAMPLES (IN STATISTICS)			**12**	**12**	**7**	**11**	**12**	**12**	**12**	**11**

TEST-NAME:	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
81 01 05 1730 .3 1	0.550	0.820	0.011	0.140	0.701	0.270	0.971	270.00	4.00	360.0
81 01 27 2030 .3 1	0.700	1.000	0.008	0.170	0.878	0.300	1.178	290.00	7.00	405.0
81 02 23 1940 .3 1	1.300	1.400	0.008	0.230	1.538	0.100	1.638	450.00	80.00	540.0
81 03 23 1755 .3 1	0.580	1.100	0.007	0.220	0.807	0.520	1.327	340.00	25.00	430.0
81 04 27 1715 .3 1	0.090	0.450	0.006	0.060	0.156	0.360	0.516	130.00	3.00	142.0
81 05 25 1605 .3 1	0.130	0.540	0.007	0.060	0.197	0.410	0.607	180.00	4.00	205.0
81 06 29 1750 .3 1	0.100	0.450	0.007	0.050	0.157	0.350	0.507	160.00	7.00	215.0
81 07 27 1725 .3 1	0.290	0.680	0.010	0.100	0.400	0.390	0.790	290.00	4.00	330.0
81 08 24 1725 .3 1	0.110	0.460	0.006	0.120	0.236	0.350	0.586	240.00	2.00	330.0
81 09 28 1957 .3 1	0.650	0.990	0.006	0.120	0.776	0.340	1.116	360.00	9.00	490.0
81 10 26 1545 .3 1	0.470	0.850	0.009	0.130	0.609	0.380	0.989	250.00	2.00	345.0
81 11 23 2005 .3 1	0.430	0.830	0.011	0.180	0.621	0.400	1.021	240.00	2.00	325.0
MAXIMUM	**1.300**	**1.400**	**0.011**	**0.230**	**1.538**	**0.520**	**1.638**	**450.00**	**80.00**	**540.0**
ARITH MEAN	**0.450**	**0.797**	**0.008**	**0.132**	**0.590**	**0.347**	**0.937**	**266.67**	**12.42**	**343.1**
GEOM MEAN	**0.326**	**0.747**	**0.008**	**0.118**	**0.465**	**0.328**	**0.877**	**252.58**	**5.77**	**322.5**
MINIMUM	**0.090**	**0.450**	**0.006**	**0.050**	**0.156**	**0.100**	**0.507**	**130.00**	**2.00**	**142.0**
STD DEV (GEOM *)	**0.350**	**0.297**	**0.002**	**0.060**	**0.401**	**0.100**	**0.352**	**89.48**	**22.20**	**116.2**
# SAMPLES (IN STATISTICS)	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

TEST-NAME:	TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
81 01 05 1730 .3 1	17.00	1.700	115.000	19.000	72.0	6.70	6.7	9.400	170.000	281.000
81 01 27 2030 .3 1	23.00	2.000	125.000	21.000	78.0	6.80		0.120	190.000	343.000
81 02 23 1940 .3 1	67.00	17.000	165.000	25.000	62.0	6.60	6.6	15.000	234.000	327.000
81 03 23 1755 .3 1	30.00	19.000	113.000	13.000	76.0	7.00	7.1	10.800	182.000	275.000
81 04 27 1715 .3 1	2.10	0.500	25.000	10.000	40.0	7.00	7.4	1.800	71.000	118.000
81 05 25 1605 .3 1	3.20	1.100	36.000	4.000	56.0	7.20	7.1	2.500	98.000	128.000
81 06 29 1750 .3 1	2.90	0.600	36.000	6.000	60.0	7.10	7.8	1.800	102.000	131.000
81 07 27 1725 .3 1	14.00	1.700	80.000	7.000	71.0	7.40	7.2	5.100	156.000	212.000
81 08 24 1725 .3 1	6.10	3.000	80.000	3.000	66.0	7.60	7.7	1.300	153.000	93.000
81 09 28 1957 .3 1	34.00	2.900	160.000	11.000	59.0	7.00	6.9	6.600	232.000	251.000
81 10 26 1545 .3 1	9.30	1.300	93.000	10.000	74.0	7.00	6.5	7.8	170.000	261.000
81 11 23 2005 .3 1	7.90	1.800	88.000	11.000	72.0	7.20	7.0	6.200	152.000	218.000
MAXIMUM	**67.00**	**19.000**	**165.000**	**25.000**	**78.0**	**7.60**	**7.8**	**15.000**	**234.000**	**343.000**
ARITH MEAN	**18.04**	**4.383**	**93.000**	**11.667**	**65.5**	**7.05**	**7.1**	**5.7**	**159.167**	**219.833**
GEOM MEAN	**11.04**	**2.195**	**80.383**	**9.806**	**64.6**	**7.04**	**7.1**	**3.4**	**150.926**	**202.762**
MINIMUM	**2.10**	**0.500**	**25.000**	**3.000**	**40.0**	**6.60**	**6.5**	**0.120**	**71.000**	**93.000**
STD DEV (GEOM *)	**18.74**	**6.420**	**45.792**	**6.840**	**10.8**	**0.28**	**0.4**	**4.5**	**49.994**	**84.720**
# SAMPLES (IN STATISTICS)	**12**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**

TEST-NAME:	ASUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
81 01 05 1730 .3 1	0.001<	0.003	0.023	0.001	0.003	1.200	0.380	0.004	0.002
81 01 27 2030 .3 1	0.002	0.004	0.048	0.011	0.004	1.400	0.460	0.003	0.002
81 02 23 1940 .3 1	0.001<	0.009	0.360	0.075	0.020	5.200	0.610	0.011	0.009
81 03 23 1755 .3 1		0.008	0.230	0.040	0.009	1.600	0.410	0.005	0.005
81 04 27 1715 .3 1		0.003	0.008	0.001<	0.001	0.410	0.100	0.001	0.002
81 05 25 1605 .3 1	0.004<	0.003	0.024	0.008	0.002	0.470	0.140	0.003	0.001<
81 06 29 1750 .3 1		0.006	0.025	0.023	0.003	0.560	0.120	0.002	0.008
81 07 27 1725 .3 1		0.004	0.032	0.008	0.005	0.760	0.290	0.009	0.009
81 08 24 1725 .3 1	0.001<	0.001	0.026	0.001<	0.003	0.480	0.150	0.008	0.001<
81 09 28 1957 .3 1		0.008	0.330	0.001<	0.012	3.900	0.670	0.013	0.004
81 10 26 1545 .3 1		0.003	0.064	0.003	0.005	2.8	0.39	0.004	0.002
81 11 23 2005 .3 1	0.002	0.001<	0.049	0.002	0.001<	0.980	0.250	0.002	0.002
MAXIMUM	**0.002**	**0.009**	**0.360**	**0.075**	**0.020**	**5.200**	**0.670**	**0.013**	**0.009**
ARITH MEAN	**0.002**	**0.005**	**0.102**	**0.019**	**0.006**	**1.6**	**0.33**	**0.005**	**0.004**
GEOM MEAN	**0.002**	**0.004**	**0.052**	**0.009**	**0.004**	**1.1**	**0.27**	**0.004**	**0.004**
MINIMUM	**0.002**	**0.001**	**0.008**	**0.001**	**0.001**	**0.410**	**0.100**	**0.001**	**0.002**
STD DEV (GEOM *)	**0.000**	**0.003**	**0.128**	**0.024**	**0.006**	**1.5**	**0.19**	**0.004**	**0.003**
# SAMPLES (IN STATISTICS)	**2**	**11**	**12**	**9**	**11**	**12**	**12**	**12**	**10**

B.O.W./ SITE: **LITTLE PIC RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BA003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **LITTLE PIC RIVER**

STATION ID: **01-0067-001-02**
STORET CODE: **02 001 2460**

LAT: LONG: U.T.M: **16 0527050.0 5405200.0 4** REGION: **06** DISTANCE: **1.448**

SAMP DTE HOUR YR MO DY LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NO3-N FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
TEST-NAME:					*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNO3FR*	*RSP*	*RSF*
81 01 27 1400			.3	1	20520	4	3.730	0.0	13.4	0.007	0.001<		3.00	127.00
81 02 23 1420			.3	1	20535	4	4.850	0.0	12.3	0.059	0.015		5.00	254.000
81 03 23 1430			.3	1	20550	4	4.160	0.0	12.9	0.006	0.002		2.00	137.000
81 04 22 1400			.3	1	52203		19.900			0.039	0.006	0.100	40.0	
81 04 24 1415			.3	1	52206		20.600			0.030			30.0	
81 04 27 1305			.3	1	20565		24.500	2.0	13.0	0.032	0.004		30.00	160.00
81 04 29 0945			.3	1	52215		31.100			0.070	0.009	0.100	90.0	
81 05 01 1100			.3	1	52218		29.300			0.049	0.010	0.090	60.0	
81 05 03 1310			.3	1	52221		29.900			0.061	0.010	0.090	70.0	
81 05 05 1140			.3	1	52224		39.400			0.095	0.008	0.110	150.0	
1720			.3	1	20577	3	39.400	3.0	11.3	0.092	0.014		120.00	140.00
81 05 07 1020			.3	1	52227		31.100			0.053	0.008	0.100	70.0	
81 05 09 1030			.3	1	52230		28.900			0.065	0.009	0.080	60.0	
81 05 11 1100			.3	1	52233		26.000			0.040	0.004	0.080	30.0	
81 05 14 1300			.3	1	52236		24.200			0.036	0.009	0.080	40.0	
81 05 16 1040			.3	1	52239		22.900			0.045	0.010	0.080	50.0	
81 05 18 1030			.3	1	52242		20.400			0.027	0.007	0.070	20.0	
81 05 20 0940			.3	1	52245		18.800			0.025	0.007	0.060	20.0	
81 05 22 0950			.3	1	52248		17.300			0.028	0.010	0.040	20.0	
81 05 24 1440			.3	1	52251		16.700			0.026	0.007	0.040	30.0	
81 05 25 1230			.3	1	20586	3	20.400	12.0	9.5	0.039	0.011		40	117
81 05 27 1025			.3	1	52254		28.300			0.120	0.028	0.120	30.0	
81 05 31 1220			.3	1	52257		23.500			0.052	0.011	0.060	60.0	
81 06 02 1300			.3	1	52260		22.100			0.037	0.004	0.050	40.0	
81 06 05 1100			.3	1	52263		25.400			0.096	0.020	0.070	140.0	
81 06 07 1300			.3	1	52266		21.300			0.044	0.012	0.040	60.0	
81 06 13 0945			.3	1	52269		19.600			0.045	0.011	0.040	50.0	
81 06 21 1415			.3	1	52272		24.500			0.042	0.012	0.030	60.0	
81 06 27 1400			.3	1	52275		16.700			0.034	0.009	0.030	30.0	
81 06 29 1315			.3	1	20601	3	50.300	11.0	9.3	0.064	0.067		680.00	120.000
81 07 05 1115			.3	1	52278		18.900			0.036	0.012	0.020	40.0	
81 07 21 1700			.3	1	52284		7.140			0.013	0.005	0.010	8.0	
81 07 27 1340			.3	1	20616		6.360	17.5	7.6	0.018	0.008		10.00	120.000
81 07 28 1330			.3	1	52287		5.870			0.013	0.007	0.020	8.0	
81 08 03 1200			.3	1	52290		4.700			0.012	0.003	0.010	4.0	
81 08 09 1500			.3	1	52293		4.160			0.013	0.006	0.010<	4.0	
81 08 16 1000			.3	1	52296		3.520			0.012	0.004	0.020	4.0	
81 08 23 1300			.3	1	52299		3.080			0.019	0.005	0.010	7.0	
81 08 24 1410			.3	1	20631		2.960	19.5	8.7	0.013	0.004		6.00	150.000
81 08 30 1100			.3	1	52302		2.820			0.008	0.002	0.010<	4.0	
81 09 06 1340			.3	1	52305		2.900			0.012	0.003	0.010<	3.0	
81 09 12 1020			.3	1	52308		3.010			0.009	0.005	0.020	5.0	
81 09 28 1020			.3	1	52311		2.700			0.011	0.005	0.010	4.0	
1514			.3	1	20646		2.700	9.5	9.8	0.009	0.002		3.00	147.00
81 10 04 1445			.3	1	52314		2.500			0.010	0.002	0.010<	4.0	
81 10 11 1330			.3	1	52317		2.440			0.002	0.001	0.020	2.0	
81 10 19 1140			.3	1	52320		6.390			0.031	0.008	0.090	15.0	
81 10 26 1400			.3	1	52323		3.250			0.011	0.002	0.030	5.0	
81 10 27 0845			.3	1	20661		3.330	1.2	11.7	0.009	0.002		2.00	138.00
81 11 23 1600			.3	1	20676	4	3.170	0.0	13.6	0.010	0.001		8.00	152.00
MAXIMUM							**50.300**	**19.5**	**13.6**	**0.120**	**0.067**	**0.120**	**680.00**	**254.000**
ARITH MEAN							**15.943**	**9.5**	**11.1**	**0.035**	**0.009**	**0.055**	**45**	**146**
GEOM MEAN							**10.645**	**6.5**	**10.9**	**0.025**	**0.006**	**0.043**	**17**	**143**
MINIMUM							**2.440**	**1.2**	**7.6**	**0.002**	**0.001**	**0.010**	**2.00**	**117**
STD DEV (GEOM *)							**12.252**	**7.0**	**2.0**	**0.027**	**0.010**	**0.034**	**98**	**36**
# SAMPLES (IN STATISTICS)							**50**	**8**	**12**	**50**	**48**	**33**	**50**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:					*COND25*	*ALKT*	*PH*	*FWPH*	*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*
81 01 27 1400			.3	1	210.0	100.0	7.90			0.001	0.050<	0.001<	0.003	0.001
81 02 23 1420			.3	1	390.0	57.0	7.50	7.7		0.001	0.050<	0.001<	0.008	0.009
81 03 23 1430			.3	1	210.0	100.0	7.90	8.1		0.001<	0.050<	0.001	0.004	0.025
81 04 22 1400			.3	1	136.0						0.050<		0.003	0.001
81 04 24 1415			.3	1	143.0						0.050<			0.008
81 04 27 1305			.3	1	140.0	71.0	7.80	7.8	1.500	0.004	0.050<	0.003	0.001<	0.002
81 04 29 0945			.3	1	144.0								0.002	0.002
81 05 01 1100			.3	1	140.0								0.002	0.007
81 05 03 1310			.3	1	137.0								0.002	0.004
81 05 05 1140			.3	1	136.0								0.005	0.007
1720			.3	1	128.0	77.0	7.70	7.9		0.001<	0.050<	0.008	0.006	0.011
81 05 07 1020			.3	1	134.0						0.050<		0.003	0.005
81 05 09 1030			.3	1	144.0								0.004	0.005
81 05 11 1100			.3	1	146.0						0.050<		0.004	0.003
81 05 14 1300			.3	1	155.0								0.008	0.010
81 05 16 1040			.3	1	155.0						0.050<		0.007	0.010
81 05 18 1030			.3	1	155.0								0.006	0.009
81 05 20 0940			.3	1	160.0						0.050<		0.001<	0.007
81 05 22 0950			.3	1	165.0								0.003	0.010
81 05 24 1440			.3	1	170.0						0.060<		0.002	0.010
81 05 25 1230			.3	1	180	89	8.0	7.8	1.400	0.004<	0.050<	0.022	0.004	0.002
81 05 27 1025			.3	1	175.0						0.050<		0.009	0.020
81 05 31 1220			.3	1	165.0								0.004	0.010
81 06 02 1300			.3	1	160.0						0.050<		0.002	0.008
81 06 05 1100			.3	1									0.005	0.010
81 06 07 1300			.3	1									0.003	0.020
81 06 13 0945			.3	1							0.050<		0.004	0.005
81 06 21 1415			.3	1	160.0								0.001<	0.007
81 06 27 1400			.3	1	185.0								0.003	0.012
81 06 29 1315			.3	1	185.0	307.0	7.80	8.1	2.400	0.004<	0.050<	0.076	0.024	0.075
81 07 05 1115			.3	1	170.0						0.050<		0.003	0.010
81 07 21 1700			.3	1	195.0								0.003	0.006
81 07 27 1340			.3	1	185.0	101.0	8.40	7.8		0.001<	0.050<	0.001	0.005	0.001<
81 07 28 1330			.3	1	205.0						0.050<		0.001<	0.005
81 08 03 1200			.3	1	200.0								0.001	0.020
81 08 09 1500			.3	1	220.0								0.004	0.002
81 08 16 1000			.3	1	225.0								0.010	0.001<
81 08 23 1300			.3	1	230.0						0.050<		0.003	0.001<

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25	ALKT	PH	FWPH	FEUT	ASUT	HGUT	CRUT	CUUT	PBUT
81 08 24 1410		.3	1	230.0	111.0	8.30	8.3		0.001<	0.050<	0.002	0.002	0.001
81 08 30 1100		.3	1	220.0								0.002	0.001<
81 09 06 1340		.3	1	225.0								0.007	0.001<
81 09 12 1020		.3	1	240.0						0.050<		0.001<	0.001
81 09 28 1020		.3	1	245.0								0.001<	0.001<
1514		.3	1	250.0	121.0	8.30	7.6		0.001<	0.050<	0.003	0.002	0.002
81 10 04 1445		.3	1	250.0								0.002	0.002
81 10 11 1330		.3	1	260.0						0.050<		0.002	0.004
81 10 19 1140		.3	1	160.0								0.001<	0.002
81 10 26 1400		.3	1	230.0								0.001	0.002
81 10 27 0845		.3	1	235.0	112.0	8.00	7.1		0.004	0.050<	0.001<	0.001	0.005
81 11 23 1600		.3	1	230.0	109.0	7.90	7.8		0.001<		0.001	0.001<	0.003
MAXIMUM				**390.0**	**307.0**	**8.40**	**8.3**	**2.400**	**0.004**		**0.076**	**0.024**	**0.075**
ARITH MEAN				**189**	**112**	**7.9**	**7.8**	**1.767**	**0.002**		**0.013**	**0.004**	**0.009**
GEOM MEAN				**184**	**102**	**7.9**	**7.8**	**1.715**	**0.002**		**0.004**	**0.003**	**0.005**
MINIMUM				**128.0**	**57.0**	**7.50**	**7.1**	**1.400**	**0.001**		**0.001**	**0.001**	**0.001**
STD DEV (GEOM *)				**48**	**63**	**0.2**	**0.3**	**0.551**	**0.002**		**0.025**	**0.004**	**0.012**
# SAMPLES (IN STATISTICS)				**47**	**12**	**12**	**11**	**3**	**4**		**9**	**41**	**44**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 27 1400		.3	1	0.001	0.002		20<W		
81 02 23 1420		.3	1	0.001<	0.016				
81 03 23 1430		.3	1	0.003	0.039				
81 04 22 1400		.3	1	0.001				80	50<W
81 04 24 1415		.3	1	0.001<			20<W		
81 04 27 1305		.3	1	0.001	0.004	0.035			
81 04 29 0945		.3	1	0.001					
81 05 01 1100		.3	1	0.001					
81 05 03 1310		.3	1	0.001					
81 05 05 1140		.3	1	0.001					
1720		.3	1	0.001<	0.009				
81 05 07 1020		.3	1	0.001					
81 05 09 1030		.3	1	0.001					
81 05 11 1100		.3	1	0.001					
81 05 14 1300		.3	1	0.001<					
81 05 16 1040		.3	1	0.001<					
81 05 18 1030		.3	1	0.001<					
81 05 20 0940		.3	1	0.001<					
81 05 22 0950		.3	1	0.001					
81 05 24 1440		.3	1	0.001					
81 05 25 1230		.3	1	0.001	0.004	0.037	20<W		
81 05 27 1025		.3	1	0.001<					
81 05 31 1220		.3	1	0.002					
81 06 02 1300		.3	1	0.001					
81 06 05 1100		.3	1	0.001					
81 06 07 1300		.3	1	0.001					
81 06 13 0945		.3	1	0.001<					
81 06 21 1415		.3	1	0.002					
81 06 27 1400		.3	1	0.001					
81 06 29 1315		.3	1	0.004	0.048	0.450	20<W		
81 07 05 1115		.3	1	0.001					
81 07 21 1700		.3	1	0.001<					
81 07 27 1340		.3	1	0.002	0.005		20<W		
81 07 28 1330		.3	1	0.001					
81 08 03 1200		.3	1	0.001					
81 08 09 1500		.3	1	0.002					
81 08 16 1000		.3	1	0.002					
81 08 23 1300		.3	1	0.001					
81 08 24 1410		.3	1	0.002	0.002		20<W		
81 08 30 1100		.3	1	0.001					
81 09 06 1340		.3	1	0.001					
81 09 12 1020		.3	1	0.001					
81 09 28 1020		.3	1	0.002					
1514		.3	1	0.002	0.004				
81 10 04 1445		.3	1	0.001					
81 10 11 1330		.3	1	0.001					
81 10 19 1140		.3	1	0.001<					
81 10 26 1400		.3	1	0.001<					
81 10 27 0845		.3	1	0.001	0.003				
81 11 23 1600		.3	1	0.001<	0.010		20<W		
MAXIMUM				**0.004**	**0.048**	**0.450**		**80**	**50**
ARITH MEAN				**0.001**	**0.012**	**0.174**		**80**	**50<A**
GEOM MEAN				**0.001**	**0.007**	**0.084**			
MINIMUM				**0.001**	**0.002**	**0.035**		**80**	**50**
STD DEV (GEOM *)				**0.001**	**0.015**	**0.239**			
# SAMPLES (IN STATISTICS)				**37**	**12**	**3**		**1**	**1**

B.O.W./ SITE: **DEAD HORSE CREEK**
SAMPLE POINT: **AT HIGHWAY NO.17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **DEAD HORSE CREEK**

STATION ID: **01-0068-001-02**
STORET CODE: **02 001 2490**

LAT: LONG: U.T.M: **16 0523000.0 5407100.0 4** REGION: **06** DISTANCE: **2.253**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 05 1325		.3		20504	4				0.5	13.0	1.6	0.10	0.002
81 01 27 1355		.3	1	20519	4	16	180	4<	0.0	12.4	1.4	0.031	0.002
81 02 23 1345		.3	1	20533	4	40	212	4<	0.0	12.3	0.4	0.010	0.002
81 03 23		.3	1	20549		32	56	4	0.0	13.0	0.6	0.012	0.003
81 04 27 1250		.3	1	20564		32	92	8	2.0	13.2	0.8	0.016	0.002
81 05 26 0830		.3	1	20585		128	192	4<	9.0	10.6	1.0	0.012	0.003
81 06 29 1250		.3	1	20600	3	1700	3400	4<	9.8	10.1	0.6	0.016	0.005
81 07 27 1325		.3	1	20615		1100	4200	40	16.0	7.9	1.2	0.020	0.010
81 08 24 1350		.3	1	20630		2300	4000	4<	18.5	6.7	0.3	0.008	0.001
81 09 28 1458		.3	1	20645		340	400	4<	10.0	8.0	0.4	0.006	0.001
81 10 27 0910		.3	1	20660		601	480	4	0.0	11.8	0.6	0.011	0.001
81 11 23 1540		.3	1	20675	4	44	320	4<	0.0	11.2	0.8	0.010	
MAXIMUM						**2300**	**4200**	**40**	**18.5**	**13.2**	**1.6**	**0.10**	**0.010**
ARITH MEAN						**527**	**1230**	**14**	**9.4**	**10.8**	**0.8**	**0.02**	**0.003**
GEOM MEAN						**137**	**444**	**8**	**5.9**	**10.6**	**0.7**	**0.01**	**0.002**
MINIMUM						**16**	**56**	**4**	**0.5**	**6.7**	**0.3**	**0.006**	**0.001**
STD DEV (GEOM *)						**6***	**5***	**3***	**6.6**	**2.2**	**0.4**	**0.02**	**0.003**
# SAMPLES (IN STATISTICS)						**11**	**11**	**4**	**7**	**12**	**12**	**12**	**11**

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **DEAD HORSE CREEK**
SAMPLE POINT: **AT HIGHWAY NO.17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **DEAD HORSE CREEK**

STATION ID: **01-0068-001-02**
STORET CODE: **02 001 2490**

LAT | LONG: | U T M: **16 0523000.0 5407100.0 4** | REGION: **06** | DISTANCE: **2.253**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L
81 01 05 1325		.3		0.01 <	0.69	0.006	0.25	0.266	0.680	0.946	150	80	70
81 01 27 1355		.3	1	0.060	0.810	0.006	0.250	0.316	0.750	1.066	90.00	2.00	88.00
81 02 23 1345		.3	1	0.060	0.340	0.005	0.340	0.405	0.280	0.685	110.00	1.00	
81 03 23		.3	1	0.070	0.510	0.005	0.380	0.455	0.440	0.895	100.00	2.00	98.00
81 04 27 1250		.3	1	0.040	0.400	0.006	0.140	0.186	0.360	0.546	60.00	3.00	57.00
81 05 26 0830		.3	1	0.020	0.350	0.006	0.100	0.126	0.330	0.456	80.00	2.00	78.00
81 06 29 1250		.3	1	0.010	0.400	0.007	0.090	0.107	0.390	0.497	80.00	7.00	73
81 07 27 1325		.3	1	0.020	0.330	0.005	0.080	0.105	0.310	0.415	110.00	6.00	104.00
81 08 24 1350		.3	1	0.010<	0.280	0.002	0.030	0.042	0.270	0.312	100.00	1.00	99.00
81 09 28 1458		.3	1	0.010<	0.300	0.004	0.030	0.044	0.290	0.334	90.00	1.00	
81 10 27 0910		.3	1	0.010	0.320	0.003	0.130	0.143	0.310	0.453	80.00	1.00	79.00
81 11 23 1540		.3	1	0.030	0.430	0.008	0.260	0.298	0.400	0.698	80.00	1.00	79.00
	MAXIMUM			**0.070**	**0.810**	**0.008**	**0.380**	**0.455**	**0.750**	**1.066**	**150**	**80**	**104.00**
	ARITH MEAN			**0.036**	**0.43**	**0.005**	**0.17**	**0.208**	**0.401**	**0.609**	**94**	**8**	**82**
	GEOM MEAN			**0.028**	**0.40**	**0.005**	**0.13**	**0.162**	**0.379**	**0.564**	**91**	**2**	**81**
	MINIMUM			**0.010**	**0.280**	**0.002**	**0.030**	**0.042**	**0.270**	**0.312**	**60.00**	**1.00**	**57.00**
	STD DEV (GEOM *)			**0.023**	**0.16**	**0.002**	**0.11**	**0.138**	**0.156**	**0.249**	**22**	**22**	**14**
	# SAMPLES (IN STATISTICS)			**9**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 01 05 1325		.3		95	5.5	0.6	6.8	6	35	7.1	7.2	6.8	44
81 01 27 1355		.3	1	110.0	1.90	0.900	6.900	3.000	43.0	7.40		0.500	51.000
81 02 23 1345		.3	1	102.0	1.80	1.100	7.900	5.000	41.0	7.30	7.3	0.550	47.000
81 03 23		.3	1	110.0	1.90	1.000	7.000	4.000	42.0	7.50	7.6	0.500	51.000
81 04 27 1250		.3	1	51.0	2.00	0.300	5.400	6.000	18.0	7.00	7.2	0.370	25.000
81 05 26 0830		.3	1	62.0	1.20	0.200	6.8	4.000	21.0	7.20	6.7	0.360	26.000
81 06 29 1250		.3	1	45.0	2.60	0.300	6.700	5.000	13.0	6.90	7.5	0.700	22.000
81 07 27 1325		.3	1	104.0	7.40	0.400	5.500	2.000	42.0	7.90	7.5	1.1	50.000
81 08 24 1350		.3	1	145.0	0.30	1.000	5.300	2.000	59.0	7.80	7.7	0.068	65.000
81 09 28 1458		.3	1	122.0	0.50	0.500	4.600	2.000	48.0	7.80	7.2	0.220	55.000
81 10 27 0910		.3	1	97.0	1.80	0.500	8.400	3.000	36.0	7.60	6.4	0.29	48.000
81 11 23 1540		.3	1	110.0	1.80	0.700	9.800	4.000	38.0	7.40	7.2	0.260	54.000
	MAXIMUM			**145.0**	**7.40**	**1.100**	**9.800**	**6**	**59.0**	**7.90**	**7.7**	**6.8**	**65.000**
	ARITH MEAN			**98**	**2.3**	**0.6**	**6.7**	**3**	**36**	**7.4**	**7.2**	**0.9**	**44**
	GEOM MEAN			**91**	**1.7**	**0.5**	**6.6**	**3**	**33**	**7.4**	**7.2**	**0.4**	**42**
	MINIMUM			**45.0**	**0.30**	**0.200**	**4.600**	**2.000**	**13.0**	**6.90**	**6.4**	**0.068**	**22.000**
	STD DEV (GEOM *)			**29**	**2.0**	**0.3**	**1.4**	**1**	**13**	**0.3**	**0.4**	**1.8**	**13**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 05 1325		.3		89	0.003	0.015	0.004	0.005	0.002	0.089	0.75	0.005	0.003
81 01 27 1355		.3	1	116.000	0.001	0.002	0.004	0.003	0.001	0.008	0.018	0.001	0.001
81 02 23 1345		.3	1	105.000	0.001<	0.001	0.004	0.022	0.001<	0.011	0.024	0.001	0.002
81 03 23		.3	1	80.000	0.001<	0.001<	0.001<	0.003	0.001<	0.004	0.022	0.001<	0.001
81 04 27 1250		.3	1	110.000	0.001<	0.001<	0.001<	0.005	0.001<	0.007	0.032	0.001<	0.001
81 05 26 0830		.3	1	104.000	0.004<	0.004	0.002	0.007	0.001	0.006	0.019	0.001	0.002
81 06 29 1250		.3	1	165.000	0.004<	0.004	0.001	0.001<	0.001<	0.005	0.035	0.001<	0.002
81 07 27 1325		.3	1	117.000	0.002	0.004	0.002	0.002	0.002	0.030	0.049	0.005	0.002
81 08 24 1350		.3	1	44.000	0.001<	0.003	0.001	0.001<	0.001	0.004	0.035	0.008	0.001
81 09 28 1458		.3	1	56.000	0.001<	0.001	0.001	0.002	0.002	0.006	0.014	0.001	0.002
81 10 27 0910		.3	1	107.000	0.004	0.002	0.002	0.003	0.001	0.005	0.019	0.001<	0.001<
81 11 23 1540		.3	1	106.000	0.002	0.002	0.006	0.005	0.001<	0.007	0.021	0.005	0.001
	MAXIMUM			**165.000**	**0.004**	**0.015**	**0.006**	**0.022**	**0.002**	**0.089**	**0.75**	**0.008**	**0.003**
	ARITH MEAN			**99**	**0.002**	**0.004**	**0.003**	**0.006**	**0.001**	**0.015**	**0.08**	**0.003**	**0.002**
	GEOM MEAN			**94**	**0.002**	**0.003**	**0.002**	**0.004**	**0.001**	**0.009**	**0.03**	**0.002**	**0.002**
	MINIMUM			**44.000**	**0.001**	**0.001**	**0.001**	**0.002**	**0.001**	**0.004**	**0.014**	**0.001**	**0.001**
	STD DEV (GEOM *)			**31**	**0.001**	**0.004**	**0.002**	**0.006**	**0.001**	**0.024**	**0.20**	**0.003**	**0.001**
	# SAMPLES (IN STATISTICS)			**12**	**5**	**10**	**10**	**10**	**7**	**12**	**12**	**8**	**11**

B.O.W./ SITE: **KIMBERLY CLARK EFFLUENT CANAL**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **BLACKBIRD CREEK**

STATION ID: **01-0074-001-02**
STORET CODE: **02 001 2620**

LAT: LONG. U T M: **16 0494525.0 5408350.0 4** REGION: **06** DISTANCE: **13.196**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1230		.3		20503		200E+05		500000			22.0		140
81 01 27 0100		.3	1	20518	0 9	1000<	200000	100<			19.5	7.2	280.0
81 02 23 1300		.3	1	20534	0 9	5500000C	400E+05	1700000			25.5	2.5	260.0
81 03 23 1330		.3	1	20548		180E+06	270E+06	700E+05			32.1	1.9	240.0
81 04 27 1215		.3	1	20563		400000I	1600000	124000			27.0	4.8	310.0
81 05 26 0915		.3	1	20584	0	100>	800I	10I			15.2	8.1	110.0
81 06 29 1210		.3	1	20599	3	10<	10<			100>	19.2	7.3	100.0
81 07 27 1240		.3	1	20614	0	150E+06>	800E+06	150E+05			34.5	2.5	140.0
81 08 24 1315		.3	1	20629	0 9	10000<	400E+05				39.2	0.7	1.0>
81 09 28 1411		.3	1	20644	9 0	260E+05	380E+05	8000000I	100000<		29.2	2.4	
81 10 27 0955		.3	1	20659	0	240000	430000	49000		100<	28.0	4.5	200.0
81 11 23 1454		.3	1	20674	0	100<	70000	10<			4.0	10.5	26.0
	MAXIMUM					**180E+06**	**800E+06**	**700E+05**			**39.2**	**10.5**	**310.0**
	ARITH MEAN					**386E+05**	**119E+06**	**119E+05**			**24.6**	**4.8**	**180**
	GEOM MEAN					**6057846**	**3166039**	**379896**			**21.9**	**3.7**	**150**
	MINIMUM					**240000**	**800**	**10**			**4.0**	**0.7**	**26.0**
	STD DEV (GEOM *)					**13***	**72***	**136***			**9.4**	**3.1**	**91**
	# SAMPLES (IN STATISTICS)					**6**	**10**	**8**			**12**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1230		.3		0.31			1.3						1220
81 01 27 0100		.3	1	0.690			2.500						2630.00
81 02 23 1300		.3	1	0.044			0.160						1800.00
81 03 23 1330		.3	1	0.510			3.400						2510.00
81 04 27 1215		.3	1	0.420			2.200						2530.00
81 05 26 0915		.3	1	0.180			0.950						1700.00
81 06 29 1210		.3	1	0.520	0.510	0.320	0.730	0.012	0.090	0.422	0.410	0.832	940.00
81 07 27 1240		.3	1	0.400			2.000						1850.00
81 08 24 1315		.3	1	0.490			1.900						2220.00
81 09 28 1411		.3	1	0.320			1.300						1900.00
81 10 27 0955		.3	1	0.350			1.800						1320.00
81 11 23 1454		.3	1	0.059		0.040	1.200	0.007	0.790	0.837	1.160	1.997	490.00
	MAXIMUM			**0.690**	**0.510**	**0.320**	**3.400**	**0.012**	**0.790**	**0.837**	**1.160**	**1.997**	**2630.00**
	ARITH MEAN			**0.35**	**0.510**	**0.180**	**1.6**	**0.009**	**0.440**	**0.629**	**0.785**	**1.414**	**1759**
	GEOM MEAN			**0.28**		**0.113**	**1.3**	**0.009**	**0.267**	**0.594**	**0.690**	**1.289**	**1606**
	MINIMUM			**0.044**	**0.510**	**0.040**	**0.160**	**0.007**	**0.090**	**0.422**	**0.410**	**0.832**	**490.00**
	STD DEV (GEOM *)			**0.19**		**0.198**	**0.8**	**0.004**	**0.495**	**0.293**	**0.530**	**0.824**	**669**
	# SAMPLES (IN STATISTICS)			**12**	**1**	**2**	**12**	**2**	**2**	**2**	**2**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 01 06 1230		.3		30							7.1	6.9	
81 01 27 0100		.3	1	190.00	2950.0	13.00	550.000	132.000		510.0	9.90		8.900
81 02 23 1300		.3	1	80.00	2150.0	29.00	635.000	67.000	91.000	15.0	4.70	4.7	1.600
81 03 23 1330		.3	1	50.00	2900.0	30.00	769.000	283.000	57.000	92.0	6.20	6.0	5.400
81 04 27 1215		.3	1	150.00	2450.0	0.85	481.000	176.000	14.000	251.0	7.60	7.4	1.800
81 05 26 0915		.3	1	100.00	2050.0	3.60	130.000	328.000	0.000	422.0	11.00	11.0	2.200
81 06 29 1210		.3	1	80.00	2100.0	22.00	323.000	30.000	232.000		2.50	4.6	2.700
81 07 27 1240		.3	1	250.00	1925.0	19.00	495.000	43.000	37.000	49.0	6.20	6.0	2.800
81 08 24 1315		.3	1	580.00	2150.0	2.90	480.000	38.000	0.000	269.0	9.00	9.4	1.200
81 09 28 1411		.3	1	90.00	2050.0	20.00	507.000	110.000	38.000	81.0	6.60	5.7	1.600
81 10 27 0955		.3	1	40.00	1600.0	22.00	415.000	53.000	73.000	0.0	4.00		1.0
81 11 23 1454		.3	1	10.00	1010.0	25.00	13.000	34.000	119.000	0.0	2.90	2.3	0.980
	MAXIMUM			**580.00**	**2950.0**	**30.00**	**769.000**	**328.000**	**232.000**	**510.0**	**11.00**	**11.0**	**8.900**
	ARITH MEAN			**137**	**2121.4**	**17.03**	**436.182**	**117.636**	**82.625**	**211.1**	**6.4**	**6.4**	**2.7**
	GEOM MEAN			**85**	**2048.1**	**11.49**	**319.368**	**83.654**	**61.542**	**129.6**	**5.9**	**5.9**	**2.1**
	MINIMUM			**10.00**	**1010.0**	**0.85**	**13.000**	**30.000**	**14.000**	**15.0**	**2.50**	**2.3**	**0.980**
	STD DEV (GEOM *)			**155**	**543.9**	**10.47**	**214.882**	**104.211**	**68.908**	**183.1**	**2.6**	**2.5**	**2.3**
	# SAMPLES (IN STATISTICS)			**12**	**11**	**11**	**11**	**11**	**8**	**8**	**12**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 06 1230		.3				0.010	0.05 <	
81 01 27 0100		.3	1	111.000	1000.00>		0.050<	0.740
81 02 23 1300		.3	1	202.000	1000.00>	0.001	0.500<	0.760
81 03 23 1330		.3	1	151.000	2337.00		0.500<	0.380
81 04 27 1215		.3	1	118.000	1055.00		0.700	0.560
81 05 26 0915		.3	1	39.000	1449.00	0.004	0.050<	0.230
81 06 29 1210		.3	1	149.000	386.000		0.050<	0.520
81 07 27 1240		.3	1	189.000	1178.00		0.050<	0.700
81 08 24 1315		.3	1	108.000	1126.00	0.001	0.050<	0.620
81 09 28 1411		.3	1	132.000	1173.00		0.050<	1.600
81 10 27 0955		.3	1	130.000	1290.00		0.05 <	0.063
81 11 23 1454		.3	1	97.000	156.000	0.004		0.430
	MAXIMUM			**202.000**	**2337.00**	**0.010**	**0.700**	**1.600**
	ARITH MEAN			**129.636**	**1127.78**	**0.004**	**0.700**	**0.600**
	GEOM MEAN			**120.654**	**910.906**	**0.003**		**0.474**
	MINIMUM			**39.000**	**156.000**	**0.001**	**0.700**	**0.063**
	STD DEV (GEOM *)			**44.529**	**622.110**	**0.004**		**0.396**
	# SAMPLES (IN STATISTICS)			**11**	**9**	**5**	**1**	**11**

B.O.W./ SITE: **NIPIGON RIVER**
SAMPLE POINT: **AT BRIDGE CAMERON FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02AD008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0090-001-02**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0401700.0 5444875.0 4** REGION: **06** DISTANCE: **18.990**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 06 1408		.3		20502	214.000				0.5	11.5	0.2	0.002	0.002
81 01 27 0930		.3	1	20517	317.000	4<	4<	4<	0.0	12.8	0.4	0.006	0.002
81 02 23 0930		.3	1	20532	370.000	4<	4<	4<	0.0	12.7	0.3	0.002	0.001<
81 03 23 1100		.3	1	20547	364.000	4<	4<	4<	0.0	13.0	0.4	0.006	0.003
81 04 27 1020		.3	1	20562	358.000	4<	4<	4<	0.5	13.6	0.2	0.006	0.002
81 05 26 1115		.3	1	20583	344.000	4<	172	4<	7.0	10.1	0.4	0.007	0.002
81 06 30 1640		.3	1	20598	237.000	8	108	4<	11.5		0.2	0.004	0.002
81 07 27 1050		.3	1	20612	224.000	172	964	4<	16.0	9.5	0.7	0.008	0.003
81 08 25 1515		.3	1	20627	187.000	520		4<	18.8	8.8	0.2	0.010	0.002
81 09 29 1645		.3	1	20642	223.000	4	72	4<	12.0	10.2	0.1	0.007	0.002
81 10 27 1230		.3	1	20657	220.000	16	28	4<	6.0	10.8	0.6	0.007	0.001
81 11 24 1430		.3	1	20672	148.000	4	24	4<	3.0	11.1	0.4	0.006	0.001
	MAXIMUM				**370.000**	**520**	**964**		**18.8**	**13.6**	**0.7**	**0.010**	**0.003**
	ARITH MEAN				**267.167**	**121**	**228**		**8.4**	**11.3**	**0.3**	**0.006**	**0.002**
	GEOM MEAN				**256.500**	**24**	**98**		**4.8**	**11.2**	**0.3**	**0.005**	**0.002**
	MINIMUM				**148.000**	**4**	**24**		**0.5**	**8.8**	**0.1**	**0.002**	**0.001**
	STD DEV (GEOM *)				**78.039**	**8***	**4***		**6.6**	**1.6**	**0.2**	**0.002**	**0.001**
	# SAMPLES (IN STATISTICS)				**12**	**6**	**6**		**9**	**11**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*
81 01 06 1408		.3		0.01 <	0.14	0.002	0.09	0.102	0.130	0.232	70	1	150
81 01 27 0930		.3	1	0.010<	0.170	0.001	0.100	0.111	0.160	0.271	80.00	1.00	150.0
81 02 23 0930		.3	1	0.010<	0.120	0.001	0.320	0.331	0.110	0.441	100.00	1.00	148.0
81 03 23 1100		.3	1	0.010	0.180	0.001	0.090	0.101	0.170	0.271	110.00	1.00	150.0
81 04 27 1020		.3	1	0.010	0.190	0.001	0.080	0.091	0.180	0.271	100.00	1.00	138.0
81 05 26 1115		.3	1	0.020	0.200	0.001	0.060	0.081	0.180	0.261	120.00	1.00	144.0
81 06 30 1640		.3	1	0.010<	0.160	0.002	0.050	0.062	0.150	0.212	140.00	1.00	142.0
81 07 27 1050		.3	1	0.010	0.200	0.001	0.020	0.031	0.190	0.221	100.00	1.00	144.0
81 08 25 1515		.3	1	0.010<	0.200	0.001	0.010	0.021	0.190	0.211	90.00	1.00	144.0
81 09 29 1645		.3	1	0.010<	0.170	0.003	0.020	0.033	0.160	0.193	110.00	1.00	149.0
81 10 27 1230		.3	1	0.010<	0.140	0.001<	0.030	0.041	0.130	0.171	60.00	1.00	144.0
81 11 24 1430		.3	1	0.030	0.180	0.004	0.060	0.094	0.150	0.244	90.00	1.00	146.0
	MAXIMUM			**0.030**	**0.200**	**0.004**	**0.320**	**0.331**	**0.190**	**0.441**	**140.00**	**1**	**150**
	ARITH MEAN			**0.016**	**0.17**	**0.002**	**0.07**	**0.092**	**0.158**	**0.250**	**97**	**1**	**145**
	GEOM MEAN			**0.014**	**0.16**	**0.001**	**0.05**	**0.070**	**0.156**	**0.243**	**95**	**1**	**145**
	MINIMUM			**0.010**	**0.120**	**0.001**	**0.010**	**0.021**	**0.110**	**0.171**	**60.00**	**1**	**138.0**
	STD DEV (GEOM *)			**0.009**	**0.02**	**0.001**	**0.08**	**0.082**	**0.026**	**0.068**	**21**	**0**	**3**
	# SAMPLES (IN STATISTICS)			**5**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*	*ASUT*
81 01 06 1408		.3		0.55	0.9	2.0	69	7.8	7.9	0.10	73	13	0.001
81 01 27 0930		.3	1	0.35	0.900	2.500	71.0	7.90		0.050	69.000	13.000	
81 02 23 0930		.3	1	0.30	0.900	2.200	71.0	7.90	7.6	0.050	71.000	14.000	0.001
81 03 23 1100		.3	1	0.30	1.000	1.600	70.0	7.70	7.6	0.050	71.000	8.000	
81 04 27 1020		.3	1	0.30	0.400	1.000<	68.0	7.80	7.3	0.026	67.000	11.000	
81 05 26 1115		.3	1	0.45	0.900	1.200	67.0	7.20	7.5	0.026	67.000	12.000	0.004<
81 06 30 1640		.3	1	0.45	1.000	1.600	67.0	7.50	7.9	0.025	66.000	11.000	
81 07 27 1050		.3	1	0.45	1.100	2.700	67.0	8.30	7.7	0.040	67.000	12.000	
81 08 25 1515		.3	1	0.35	0.900	2.200	68.0	8.20	8.0	0.020	70.000	16.000	0.001<
81 09 29 1645		.3	1	0.55	0.900	1.000<	69.0	8.10	7.9	0.054	71.000	13.000	
81 10 27 1230		.3	1	0.65	0.900	2.000	69.0	7.90	6.75	0.061	71.000	11.000	
81 11 24 1430		.3	1	0.60	0.900	2.100	69.0	7.70	7.8	0.043	73.000	17.000	0.003
	MAXIMUM			**0.65**	**1.100**	**2.700**	**71.0**	**8.30**	**8.0**	**0.10**	**73**	**17.000**	**0.003**
	ARITH MEAN			**0.44**	**0.8**	**2.0**	**68**	**7.8**	**7.6**	**0.04**	**69**	**12**	**0.002**
	GEOM MEAN			**0.43**	**0.8**	**1.9**	**68**	**7.8**	**7.6**	**0.04**	**69**	**12**	**0.001**
	MINIMUM			**0.30**	**0.400**	**1.200**	**67.0**	**7.20**	**6.75**	**0.020**	**66.000**	**8.000**	**0.001**
	STD DEV (GEOM *)			**0.12**	**0.1**	**0.4**	**1**	**0.3**	**0.3**	**0.02**	**2**	**2**	**0.001**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**10**	**12**	**12**	**11**	**12**	**12**	**12**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 01 06 1408		.3		0.001<	0.001<	0.005	0.003	0.001<	0.001	0.003	0.002	0.001<
81 01 27 0930		.3	1	0.022	0.001<	0.001<	0.004	0.001<	0.001<	0.003	0.001<	0.001<
81 02 23 0930		.3	1	0.016	0.001	0.002	0.001<	0.001	0.001	0.001	0.001<	0.001
81 03 23 1100		.3	1	0.014	0.001<	0.006	0.006	0.001	0.007	0.001	0.001<	0.002
81 04 27 1020		.3	1	0.028	0.002	0.002	0.006	0.001<	0.002	0.001	0.002	0.001<
81 05 26 1115		.3	1	0.033	0.001<	0.002	0.004	0.001<	0.001<	0.001<	0.001<	0.001
81 06 30 1640		.3	1	0.003	0.001<	0.001<	0.006	0.001<	0.002	0.002	0.001<	0.001
81 07 27 1050		.3	1	0.001<	0.001	0.001<	0.019	0.001<	0.002	0.003	0.009	0.002
81 08 25 1515		.3	1	0.005	0.002	0.001<	0.001<	0.001<	0.001<	0.005	0.004	0.001<
81 09 29 1645		.3	1	0.055	0.004	0.031	0.002	0.002	0.002	0.007	0.001	0.001
81 10 27 1230		.3	1	0.003	0.001<	0.001<	0.001	0.001	0.001	0.004	0.001<	0.001
81 11 24 1430		.3	1	0.010	0.001<	0.001<	0.002	0.002	0.001	0.003	0.001<	0.001
	MAXIMUM			**0.055**	**0.004**	**0.031**	**0.019**	**0.002**	**0.007**	**0.007**	**0.009**	**0.002**
	ARITH MEAN			**0.019**	**0.002**	**0.008**	**0.005**	**0.001**	**0.002**	**0.003**	**0.004**	**0.001**
	GEOM MEAN			**0.013**	**0.002**	**0.004**	**0.004**	**0.001**	**0.002**	**0.002**	**0.003**	**0.001**
	MINIMUM			**0.003**	**0.001**	**0.002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**
	STD DEV (GEOM *)			**0.016**	**0.001**	**0.011**	**0.005**	**0.001**	**0.002**	**0.002**	**0.003**	**0.000**
	# SAMPLES (IN STATISTICS)			**10**	**5**	**6**	**10**	**5**	**9**	**11**	**5**	**8**

B.O.W. / SITE: **NIPIGON RIVER**
SAMPLE POINT: **AT HIGHWAY 17, NIPIGON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **01-0090-002-02**
STORET CODE: **02 001**

LAT: LONG: U.T.M.: **16 0408550.0 5430200.0 4** REGION: **06** DISTANCE: **9.656**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 27 1030		.3	1	20516		4<	4<	4<	4<	0.0	13.6	0.006	0.002
81 02 23 1030		.3	1	20531		4<	4<	4<	4<	0.0	12.8	0.001<	0.001<
81 03 24 1150		.3	1	20546		4	8	4<	4<	1.0	13.4	0.006	0.002
81 04 27 0850		.3	1	20561		4	4<	4<	4<	1.5	13.6	0.008	0.001<
81 05 05 1005		.3	1	20576	3	4	84	4<	4<	3.0	11.7	0.120	0.005
81 05 26 1045		.3	1	20582		24	204	8	4<	7.0	10.8	0.017	0.002
81 06 30 1610		.3	1	20597		4<	104	4	4<	15.0		0.008	0.002
81 07 28 1105		.3	1	20613		40	390	8	4<	17.0	9.2	0.009	0.006
81 08 25 1445		.3	1	20628		52	80	4<	4<	20.2	9.2	0.010	0.001
81 09 29 1615		.3	1	20643		4	120	4	4	12.0	9.9	0.011	0.002
81 10 27 1200		.3	1	20658		60	112	8	8	5.8	10.8	0.032	0.002
81 11 24 1355		.3	1	20673		4<	16	4<		3.0	10.0	0.006	0.001<
MAXIMUM						**60**	**390**	**8**	**8**	**20.2**	**13.6**	**0.120**	**0.006**
ARITH MEAN						**24**	**124**	**6**	**6**	**8.5**	**11.4**	**0.021**	**0.003**
GEOM MEAN						**13**	**77**	**6**	**6**	**5.7**	**11.2**	**0.012**	**0.002**
MINIMUM						**4**	**8**	**4**	**4**	**1.0**	**9.2**	**0.006**	**0.001**
STD DEV (GEOM *)						**4***	**3***	**1***	**2***	**7.0**	**1.7**	**0.034**	**0.002**
# SAMPLES (IN STATISTICS)						**8**	**9**	**5**	**2**	**10**	**11**	**11**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNTKUR NO2-N FIL.REAC MG/L AS N	NNO2FR NO3-N FIL.REAC MG/L AS N	NNO3FR TOTAL N MG/L AS N	NNKI RESIDUE PARTIC. MG/L	RSP RESIDUE FILTERED MG/L	RSF CONDUCT. 25C UMHO/CM AT 25 C	COND25 ALK TOTAL MG/L AS CACO3	ALKT PH	PH PH FIELD
81 01 27 1030		.3	1	0.150	0.001<	0.090	0.241	2.00	108.00	150.0	71.0	8.00	
81 02 23 1030		.3	1	0.110	0.001	0.100	0.211	1.00	97.000	149.0	71.0	7.90	7.8
81 03 24 1150		.3	1	0.200	0.001	0.090	0.291	2.00	98.000	150.0	71.0	8.00	7.6
81 04 27 0850		.3	1	0.190	0.001	0.070	0.261	3.00	107.00	138.0	69.0	7.90	7.9
81 05 05 1005		.3	1	0.250	0.002	0.010<	0.262	210.00	92.000	142.0	96.0	7.70	7.5
81 05 26 1045		.3	1	0.230	0.002	0.050	0.282	20.00	98.000	150.0	72.0	7.90	8.2
81 06 30 1610		.3	1	0.190	0.002	0.040	0.232	6.00	104.000	155.0	69.0	8.00	8.3
81 07 28 1105		.3	1	0.210	0.002	0.020	0.232	4.00	94.000	145.0	69.0	8.50	7.8
81 08 25 1445		.3	1	0.190	0.001	0.010	0.201	4.00	98.000	150.0	69.0	8.30	8.1
81 09 29 1615		.3	1	0.280	0.003	0.020	0.303	7.00	100.000	155.0	71.0	8.20	7.5
81 10 27 1200		.3	1	0.160	0.001	0.020	0.181	40.00	96.000	148.0	71.0	8.10	6.7
81 11 24 1355		.3	1	0.180	0.004	0.060	0.244	3.00	98.000	150.0	69.0	8.00	7.5
MAXIMUM				**0.280**	**0.004**	**0.100**	**0.303**	**210.00**	**108.00**	**155.0**	**96.0**	**8.50**	**8.3**
ARITH MEAN				**0.195**	**0.002**	**0.052**	**0.244**	**25.17**	**99.16**	**148.5**	**72.3**	**8.04**	**7.7**
GEOM MEAN				**0.190**	**0.002**	**0.041**	**0.241**	**6.32**	**99.05**	**148.4**	**72.0**	**8.04**	**7.7**
MINIMUM				**0.110**	**0.001**	**0.010**	**0.181**	**1.00**	**92.000**	**138.0**	**69.0**	**7.70**	**6.7**
STD DEV (GEOM *)				**0.045**	**0.001**	**0.033**	**0.038**	**59.27**	**4.87**	**4.9**	**7.5**	**0.21**	**0.4**
# SAMPLES (IN STATISTICS)				**12**	**11**	**11**	**11**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: IRON UNF.TOT. MG/L AS FE	FEUT ARSENIC UNF.TOT. MG/L AS AS	ASUT MERCURY UNF.TOT. UG/L AS HG	HGUT CHROMIUM UNF.TOT. MG/L AS CR	CRUT COPPER UNF.TOT. MG/L AS CU	CUUT LEAD UNF.TOT. MG/L AS PB	PBUT CADMIUM UNF.TOT. MG/L AS CD	CDUT ZINC UNF.TOT. MG/L AS ZN	ZNUT MANGANSE UNF.TOT. MG/L AS MN	MNUT
81 01 27 1030		.3	1		0.001	0.050<	0.001<	0.004	0.001	0.001	0.003		
81 02 23 1030		.3	1		0.002	0.050<	0.001<	0.001	0.004	0.001<	0.001		
81 03 24 1150		.3	1		0.001<	0.050<	0.001	0.004	0.005	0.003	0.001		
81 04 27 0850		.3	1	0.082	0.001<	0.050<	0.001	0.001<	0.003	0.001	0.001	0.003	
81 05 05 1005		.3	1		0.003	0.050<	0.011	0.007	0.016	0.001<	0.007		
81 05 26 1045		.3	1	0.470	0.004<	0.050<	0.003	0.004	0.001<	0.001	0.003	0.010	
81 06 30 1610		.3	1	0.090	0.004<	0.050<	0.005	0.003	0.023	0.001	0.003	0.005	
81 07 28 1105		.3	1		0.001	0.050<	0.001<	0.010	0.001<	0.002	0.005		
81 08 25 1445		.3	1		0.001<	0.050<	0.002	0.002	0.001<	0.001	0.003		
81 09 29 1615		.3	1		0.001	0.050<	0.001	0.001<	0.001<	0.001	0.001<		
81 10 27 1200		.3	1		0.004	0.050<	0.002	0.004	0.003	0.001	0.003		
81 11 24 1355		.3	1		0.001<	0.050<	0.001	0.001<	0.001<	0.001<	0.001<		
MAXIMUM				**0.470**	**0.004**		**0.011**	**0.010**	**0.023**	**0.003**	**0.007**	**0.010**	
ARITH MEAN				**0.214**	**0.002**		**0.003**	**0.004**	**0.008**	**0.001**	**0.003**	**0.006**	
GEOM MEAN				**0.151**	**0.002**		**0.002**	**0.004**	**0.005**	**0.001**	**0.002**	**0.005**	
MINIMUM				**0.082**	**0.001**		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.003**	
STD DEV (GEOM *)				**0.222**	**0.001**		**0.003**	**0.003**	**0.008**	**0.001**	**0.002**	**0.004**	
# SAMPLES (IN STATISTICS)				**3**	**6**		**9**	**9**	**7**	**9**	**10**	**3**	

B.O.W. / SITE: **BLACK STURGEON RIVER**
SAMPLE POINT: **AT HIGHWAYS 11 AND 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02AC002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **BLACK STURGEON RIVER**

STATION ID: **01-0092-001-02**
STORET CODE: **02 001 7370**

LAT LONG U.T.M: **16 0399050.0 5417500.0 4** REGION: **06** DISTANCE: **13.196**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 27 0835		.3	1	20515	4	6.970	0.0	13.2	0.008	0.001	1.00	149.00	245.0
81 02 24 1600		.3	1	20530	4	6.610	0.0	13.4	0.007	0.002	2.00	79.000	122.0
81 03 24 1345		.3	1	20545	4	7.150	0.0	13.0	0.008	0.002	3.00	179.000	275.0
81 04 27 1015		.3	1	20560		46.700	3.0	11.8	0.019	0.001	15.00	125.00	170.0
81 05 05 1925		.3	1	20575	3	60.400	6.0	9.8	0.026	0.003	20.00	150.00	165.0
81 05 26 1255		.3	1	20581		47.700	14.2	8.8	0.010	0.002	10	111	170
81 06 30 1815		.3	1	20596		58.200			0.016	0.001	10.00	110.000	170.0
81 07 28 1300		.3	1	20611		15.800	19.0	7.9	0.013	0.005	4.00	140.000	215.0
81 08 25 1800		.3	1	20626		6.950	22.0	8.2	0.011	0.003	2.00	192.000	295.0
81 09 29 1826		.3	1	20641		5.320	10.0	11.0	0.010	0.002	2.00	208.00	370.0
81 10 27 1445		.3	1	20656		7.780	1.0	11.8	0.010	0.001	2.00	188.00	300.0
81 11 24 1600		.3	1	20671		6.330	0.0	11.3	0.010	0.001	4.00	194.00	325.0
MAXIMUM						**60.400**	**22.0**	**13.4**	**0.026**	**0.005**	**20.00**	**208.00**	**370.0**
ARITH MEAN						**22.992**	**10.7**	**10.9**	**0.012**	**0.002**	**6**	**152**	**235**
GEOM MEAN						**14.318**	**7.3**	**10.8**	**0.011**	**0.002**	**4**	**146**	**223**
MINIMUM						**5.320**	**1.0**	**7.9**	**0.007**	**0.001**	**1.00**	**79.000**	**122.0**
STD DEV (GEOM *)						**22.799**	**8.0**	**2.0**	**0.006**	**0.001**	**6**	**40**	**77**
# SAMPLES (IN STATISTICS)						**12**	**7**	**11**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
81 01 27 0835		.3	1	67.0	7.60			0.001	0.050<	0.001	0.006	0.001	0.001
81 02 24 1600		.3	1	24.0	7.50	6.9		0.001<	0.050<	0.001<	0.001	0.002	0.001<
81 03 24 1345		.3	1	72.0	7.80	7.5		0.001<	0.050<	0.001<	0.002	0.007	0.001<
81 04 27 1015		.3	1	46.0	7.60	7.5	0.810	0.001<	0.050<	0.002	0.001<	0.003	0.001
81 05 05 1925		.3	1	47.0	7.50	7.7		0.001<	0.050<	0.002	0.005	0.008	0.001<
81 05 26 1255		.3	1	49	7.8	7.6	0.560	0.004<	0.070	0.013	0.005	0.001<	0.001
81 06 30 1815		.3	1	49.0	7.70	7.9	0.490	0.004<	0.050<	0.006	0.005	0.011	0.001
81 07 28 1300		.3	1	55.0	8.20	7.6		0.001	0.050<	0.001<	0.008	0.008	0.001
81 08 25 1800		.3	1	68.0	8.10	7.9		0.001<	0.050<	0.001<	0.002	0.001<	0.001
81 09 29 1826		.3	1	85.0	8.30	7.9		0.001<	0.050<	0.002	0.003	0.002	0.002
81 10 27 1445		.3	1	71.0	7.80	6.9		0.004	0.050<	0.015	0.006	0.006	0.001
81 11 24 1600		.3	1	72.0	8.00	7.7		0.001<		0.001	0.001<	0.002	0.001<
MAXIMUM				**85.0**	**8.30**	**7.9**	**0.810**	**0.004**	**0.070**	**0.015**	**0.008**	**0.011**	**0.002**
ARITH MEAN				**58**	**7.8**	**7.6**	**0.620**	**0.002**	**0.070**	**0.005**	**0.004**	**0.005**	**0.001**
GEOM MEAN				**56**	**7.8**	**7.5**	**0.606**	**0.002**		**0.003**	**0.004**	**0.004**	**0.001**
MINIMUM				**24.0**	**7.50**	**6.9**	**0.490**	**0.001**	**0.070**	**0.001**	**0.001**	**0.001**	**0.001**
STD DEV (GEOM *)				**16**	**0.2**	**0.4**	**0.168**	**0.002**		**0.006**	**0.002**	**0.003**	**0.000**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**3**	**3**	**1**	**8**	**10**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 27 0835		.3	1	0.001	
81 02 24 1600		.3	1	0.004	
81 03 24 1345		.3	1	0.003	
81 04 27 1015		.3	1	0.002	0.019
81 05 05 1925		.3	1	0.002	
81 05 26 1255		.3	1	0.003	0.020
81 06 30 1815		.3	1	0.001	0.022
81 07 28 1300		.3	1	0.003	
81 08 25 1800		.3	1	0.002	
81 09 29 1826		.3	1	0.002	
81 10 27 1445		.3	1	0.004	
81 11 24 1600		.3	1	0.001<	
MAXIMUM				**0.004**	**0.022**
ARITH MEAN				**0.002**	**0.020**
GEOM MEAN				**0.002**	**0.020**
MINIMUM				**0.001**	**0.019**
STD DEV (GEOM *)				**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**11**	**3**

B.O.W./ SITE: **CURRENT RIVER**
SAMPLE POINT: **AT CUMBERLAND STREET THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB015**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **CURRENT RIVER**

STATION ID: **01-0104-001-02**
STORET CODE: **02 001 7880**

LAT: LONG: U T M: **16 0338350.0 5369000.0 4** REGION: **06** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 12 1240		.3	1	20010		1.270	20	100	4<	0.5	14.0	0.2	0.013
81 02 10 1440		.3	1	20021	4	0.825	16	172	8	0.0	13.4	2.0	0.045
81 03 09 1040		.3	1	20033		0.925	12	108	4	0.0	13.4	0.6	0.010
81 04 21 1030		.3	1	20054		27.500	20	200	4<	5.0	11.8	0.6	0.008
81 05 19 1420		.3	1	20080		6.170	80	360	4<	16.0	9.6	0.6	0.009
81 06 15 1420		.3	1	20104	6	13.100	600I	3700	20	17.0	9.3	0.4	0.008
81 07 27 1102		.3	1	20128	6	0.988	170C	12100	20	2.1	8.2	0.9	0.015
81 08 25 1350		.3	1	20152		0.385	1000	5300	160	18.0	8.5	0.5	0.010
81 09 14 1315		.3	1	20176		0.338	2000C	300000	328	17.0	9.4	0.8	0.011
81 10 20 1045		.3	1	20200		1.550	500I	2600	30I	3.0	12.6	0.5	0.008
81 11 16 1215		.3	1	20214		1.360	70I	480	20I	3.0	12.2	0.3	0.007
81 12 16 1110		.3	1	20228		1.130	40I	210	10<	1.0	12.4	0.6	0.008
	MAXIMUM					**27.500**	**2000**	**300000**	**328**	**18.0**	**14.0**	**2.0**	**0.045**
	ARITH MEAN					**4.628**	**377**	**27111**	**74**	**8.3**	**11.2**	**0.7**	**0.013**
	GEOM MEAN					**1.718**	**105**	**1079**	**28**	**4.6**	**11.0**	**0.6**	**0.011**
	MINIMUM					**0.338**	**12**	**100**	**4**	**0.5**	**8.2**	**0.2**	**0.007**
	STD DEV (GEOM *)					**8.084**	**6***	**11***	**4***	**7.6**	**2.1**	**0.5**	**0.010**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**8**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*PPO4FR*	*RST*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*	*FWPH*
81 01 12 1240		.3	1	0.001<	100.00	1.00	91.0	0.90	2.400	3.000	32.0	7.20	8.0
81 02 10 1440		.3	1	0.002	70.00	1.00	97.0	1.20	2.400		36.0	7.30	7.5
81 03 09 1040		.3	1	0.001<	90.00	1.00	96.0	0.95	4.600	2.000	33.0	7.50	7.5
81 04 21 1030		.3	1	0.002	70.00	4.00	43.0	0.65	1.400	3.000	14.0	6.90	7.5
81 05 19 1420		.3	1	0.002	60.00	1.00	62.0	0.65	2.000		21.0	7.40	7.7
81 06 15 1420		.3	1	0.005	60.00	2.00	62.0	0.75	2.100		21.0	7.30	7.2
81 07 27 1102		.3	1	0.004	90.00	2.00	90.0	1.80	2.500	2.000	34.0	7.90	8.1
81 08 25 1350		.3	1	0.002	90.00	2.00	122.0	1.50	3.300		47.0	8.10	8.0
81 09 14 1315		.3	1	0.005	100.00	1.00	165.0	3.40	6.800		62.0	7.90	7.1
81 10 20 1045		.3	1	0.002	90.00	2.00	120.0	2.00	4.100		40.0	7.70	7.7
81 11 16 1215		.3	1	0.002	80.00	1.00	93.0	1.50	3.100		32.0	7.50	7.3
81 12 16 1110		.3	1		50.00	1.00	98.0	0.95	2.700		32.0	7.30	7.2
	MAXIMUM			**0.005**	**100.00**	**4.00**	**165.0**	**3.40**	**6.800**	**3.000**	**62.0**	**8.10**	**8.1**
	ARITH MEAN			**0.003**	**79.17**	**1.58**	**94.9**	**1.35**	**3.117**	**2.500**	**33.7**	**7.50**	**7.6**
	GEOM MEAN			**0.003**	**77.41**	**1.41**	**89.9**	**1.20**	**2.860**	**2.449**	**31.5**	**7.49**	**7.6**
	MINIMUM			**0.002**	**50.00**	**1.00**	**43.0**	**0.65**	**1.400**	**2.000**	**14.0**	**6.90**	**7.1**
	STD DEV (GEOM *)			**0.001**	**16.76**	**0.90**	**31.9**	**0.78**	**1.464**	**0.577**	**12.6**	**0.34**	**0.3**
	# SAMPLES (IN STATISTICS)			**9**	**12**	**12**	**12**	**12**	**12**	**4**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*FEUT*	*HARDT*	*COLAP*	*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*
81 01 12 1240		.3	1		40.000	69.000							
81 02 10 1440		.3	1	0.650	40.000	77.000	0.001	0.002	0.002	0.001<	0.001<	0.001	0.013
81 03 09 1040		.3	1		40.000	74.000							
81 04 21 1030		.3	1		16.000	85.000							
81 05 19 1420		.3	1	0.280	24.000	72.000	0.004<	0.006	0.002	0.001	0.001<	0.003	0.022
81 06 15 1420		.3	1		24.000	86.000							
81 07 27 1102		.3	1		39.000	82.000							
81 08 25 1350		.3	1	0.400	54.000	50.000	0.003	0.001	0.002	0.001	0.001	0.002	0.067
81 09 14 1315		.3	1		71.000	56.000							
81 10 20 1045		.3	1	0.540	51.000	56.000	0.001<	0.001<	0.001<	0.001<	0.001<	0.001	0.057
81 11 16 1215		.3	1		44.000	61.000							
81 12 16 1110		.3	1		42.000	56.000							
	MAXIMUM			**0.650**	**71.000**	**86.000**	**0.003**	**0.006**	**0.002**	**0.001**	**0.001**	**0.003**	**0.067**
	ARITH MEAN			**0.467**	**40.417**	**68.667**	**0.002**	**0.003**	**0.002**	**0.001**	**0.001**	**0.002**	**0.040**
	GEOM MEAN			**0.445**	**37.726**	**67.589**	**0.002**	**0.002**	**0.002**	**0.001**		**0.002**	**0.032**
	MINIMUM			**0.280**	**16.000**	**50.000**	**0.001**	**0.001**	**0.002**	**0.001**	**0.001**	**0.001**	**0.013**
	STD DEV (GEOM *)			**0.162**	**14.724**	**12.587**	**0.001**	**0.003**	**0.000**	**0.000**		**0.001**	**0.026**
	# SAMPLES (IN STATISTICS)			**4**	**12**	**12**	**2**	**3**	**3**	**2**	**1**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*NIUT*	*COUT*
'81 02 10 1440		.3	1	0.001<	
81 05 19 1420		.3	1	0.001<	0.001<
81 08 25 1350		.3	1	0.004	0.001
81 10 20 1045		.3	1	0.001	0.002
	MAXIMUM			**0.004**	**0.002**
	ARITH MEAN			**0.002**	**0.001**
	GEOM MEAN			**0.002**	**0.001**
	MINIMUM			**0.001**	**0.001**
	STD DEV (GEOM *)			**0.002**	**0.001**
	# SAMPLES (IN STATISTICS)			**2**	**2**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **CURRENT RIVER**
SAMPLE POINT: **AT HIGHWAYS 11 AND 17 THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **CURRENT RIVER**

STATION ID: **01-0104-002-02**
STORET CODE: **02 001 7880**

LAT: LONG: U T M: **16 0338550.0 5372400.0 4** REGION: **06** DISTANCE: **2.897**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1300		.3	1	20009		36	116	4<	0.0	14.0	0.6	0.010	0.001
81 02 10 1500		.3	1	20020	4	20	160	4	0.0	13.4	0.6	0.003	0.001
81 03 09 1020		.3	1	20034		24	88	4<	0.0	13.9	0.6	0.010	0.001
81 04 21 1045		.3	1	20053		24	104	4	4.0	12.5	0.6	0.011	0.003
81 05 19 1410		.3	1	20079		60	640	4<	15.0	9.4	0.5	0.006	0.003
81 06 15 1410		.3	1	20103		330	2500	4	17.5	9.4	0.4	0.008	0.004
81 07 27 1130		.3	1	20127		120	2500	36	16.0	9.4	0.8	0.011	0.004
81 08 25 1530		.3	1	20151		300I	4100	12	18.0	9.8	0.3	0.068	0.002
81 09 14 1325		.3	1	20175		50I	2200	20	14.5	10.1	0.8	0.006	0.002
81 10 20 1100		.3	1	20199		70I	1140	4<	2.5	11.8	0.3	0.008	0.001
81 11 16 1230		.3	1	20213		20I	310	8	3.0	12.0	0.2	0.007	0.002
81 12 16 1125		.3	1	20227		60I	170	4<	0.0	12.4	0.8	0.008	
MAXIMUM						**330**	**4100**	**36**	**18.0**	**14.0**	**0.8**	**0.068**	**0.004**
ARITH MEAN						**93**	**1169**	**13**	**11.3**	**11.5**	**0.5**	**0.013**	**0.002**
GEOM MEAN						**57**	**517**	**9**	**8.7**	**11.4**	**0.5**	**0.009**	**0.002**
MINIMUM						**20**	**88**	**4**	**2.5**	**9.4**	**0.2**	**0.003**	**0.001**
STD DEV (GEOM *)						**3***	**4***	**2***	**6.9**	**1.8**	**0.2**	**0.017**	**0.001**
# SAMPLES (IN STATISTICS)						**12**	**12**	**7**	**8**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 01 12 1300		.3	1	90.00	1.00	88.0	0.85	2.100	4.000	31.0	7.00	7.8	
81 02 10 1500		.3	1	50.00	1.00	98.0	1.10	2.600		36.0	7.30	7.5	0.700
81 03 09 1020		.3	1	100.00	1.00	89.0	0.85	2.900	2.000	33.0	7.50	7.5	
81 04 21 1045		.3	1	110.00	3.00	42.0	0.70	1.200	3.000	14.0	6.90	7.4	
81 05 19 1410		.3	1	70.00	3.00	60.0	0.50	1.700		21.0	7.30	7.3	0.220
81 06 15 1410		.3	1	80.00	1.00	58.0	0.65	1.800		19.0	7.30	7.3	
81 07 27 1130		.3	1	100.00	1.00	95.0	0.75	2.100	2.000	36.0	7.80	8.0	
81 08 25 1530		.3	1	100.00	1.00	124.0	1.60	2.400		50.0	8.10	8.1	0.250
81 09 14 1325		.3	1	80.00	1.00	138.0	0.55	2.800		57.0	7.90	7.2	
81 10 20 1100		.3	1	80.00	1.00	103.0	0.90	3.300		32.0	7.50	7.5	0.470
81 11 16 1230		.3	1	70.00	1.00	88.0	0.90	2.700		30.0	7.30	7.1	
81 12 16 1125		.3	1	60.00	1.00	92.0	0.85	2.700		30.0	7.20	6.9	
MAXIMUM				**110.00**	**3.00**	**138.0**	**1.60**	**3.300**	**4.000**	**57.0**	**8.10**	**8.1**	**0.700**
ARITH MEAN				**82.50**	**1.33**	**89.6**	**0.85**	**2.358**	**2.750**	**32.4**	**7.42**	**7.5**	**0.410**
GEOM MEAN				**80.54**	**1.20**	**85.5**	**0.81**	**2.280**	**2.632**	**30.3**	**7.42**	**7.5**	**0.367**
MINIMUM				**50.00**	**1.00**	**42.0**	**0.50**	**1.200**	**2.000**	**14.0**	**6.90**	**6.9**	**0.220**
STD DEV (GEOM *)				**18.15**	**0.78**	**26.9**	**0.29**	**0.595**	**0.957**	**12.1**	**0.36**	**0.4**	**0.223**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**4**	**12**	**12**	**12**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1300		.3	1	40.000	69.000								
81 02 10 1500		.3	1	42.000	77.000	0.002	0.003	0.008	0.001<	0.001<	0.034	0.056	0.001<
81 03 09 1020		.3	1	38.000	76.000								
81 04 21 1045		.3	1	18.000	85.000								
81 05 19 1410		.3	1	24.000	73.000	0.004<	0.003	0.001<	0.001<	0.001<	0.001	0.013	0.001<
81 06 15 1410		.3	1	28.000	86.000								
81 07 27 1130		.3	1	41.000	64.000								
81 08 25 1530		.3	1	53.000	40.000	0.002	0.003	0.005	0.001	0.001	0.002	0.018	0.005
81 09 14 1325		.3	1	65.000	34.000								
81 10 20 1100		.3	1	45.000	58.000	0.001<	0.001<	0.001<	0.001<	0.001<	0.002	0.053	0.001<
81 11 16 1230		.3	1	38.000	55.000								
81 12 16 1125		.3	1	40.000	55.000								
MAXIMUM				**65.000**	**86.000**	**0.002**	**0.003**	**0.008**	**0.001**	**0.001**	**0.034**	**0.056**	**0.005**
ARITH MEAN				**39.333**	**64.333**	**0.002**	**0.003**	**0.006**	**0.001**	**0.001**	**0.010**	**0.035**	**0.005**
GEOM MEAN				**37.388**	**62.102**	**0.002**	**0.003**	**0.006**			**0.003**	**0.029**	
MINIMUM				**18.000**	**34.000**	**0.002**	**0.003**	**0.005**	**0.001**	**0.001**	**0.001**	**0.013**	**0.005**
STD DEV (GEOM *)				**12.471**	**16.560**	**0.000**	**0.000**	**0.002**			**0.016**	**0.023**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**2**	**3**	**2**	**1**	**1**	**4**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COUT COBALT UNF.TOT. MG/L AS CO
81 05 19 1410		3	1	0.001<
81 08 25 1530		3	1	0.001
81 10 20 1100		3	1	0.001
MAXIMUM				**0.001**
ARITH MEAN				**0.001**
GEOM MEAN				**0.001**
MINIMUM				**0.001**
STD DEV (GEOM *)				**0.000**
# SAMPLES (IN STATISTICS)				**2**

B.O.W./ SITE: **MC VICAR CREEK**
SAMPLE POINT: **AT CUMBERLAND STREET THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC VICAR CREEK**

STATION ID: **01-0105-001-02**
STORET CODE: **02 001 7890**

LAT: LONG: U T M: **16 0336200.0 5367350.0 4** REGION: **06** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1225		.3	1	20011		76000	58000	37000		0.0	12.8	0.6	0.052
81 02 10 1530		3	1	20022	4	59000	60000	14000		0.0	13.5	0.5	0.037
81 03 09 1050		3	1	20035		700I	3800	300I		0.0	13.6	0.8	0.016
81 04 21 1000		3	1	20055		100	340	10I		3.0	16.0	0.2	0.009
81 05 19 1425		3	1	20081		260C	5300	8		14.0	9.8	0.5	0.008
81 06 15 1430		3	1	20105		2000	20000	116		15.0	10.0	0.4	0.012
81 07 27 1045		3	1	20129		24000	170000	14000	104	14.5	9.6	0.8	0.016
81 08 28 1415		3	1	20153		1900	23600	152		18.0	8.4	2.8	0.015
81 09 14 1255		3	1	20177		66000	200000	14000		15.5	10.8	1.6	0.120
81 10 20 1020		3	1	20201		200I	2300	100<		4.0	13.2	0.4	0.008
81 11 16 1205		3	1	20215		1000	6600	30I		4.5	12.0	0.2	0.007
81 12 16 1055		3	1	20229	4	360	590	10I		1.0	11.6	0.8	0.008
	MAXIMUM					**76000**	**200000**	**37000**	**104**	**18.0**	**16.0**	**2.8**	**0.120**
	ARITH MEAN					**19293**	**45877**	**7239**	**104**	**9.9**	**11.8**	**0.8**	**0.026**
	GEOM MEAN					**2394**	**11080**	**359**		**7.1**	**11.6**	**0.6**	**0.016**
	MINIMUM					**100**	**340**	**8**	**104**	**1.0**	**8.4**	**0.2**	**0.007**
	STD DEV (GEOM *)					**12***	**8***	**28***		**6.6**	**2.2**	**0.7**	**0.033**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**11**	**1**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PO4 FIL.REAC MG/L AS P	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 12 1225		.3	1	0.028	200.00	2.00	290	1.90	19.000	4.000	97.0	7.70	
81 02 10 1530		.3	1	0.020	180.00	1.00	315.0	2.10	23.000		104.0	7.70	7.6
81 03 09 1050		.3	1	0.002	360.00	5.00	570.0	6.00	125.000	3.000	100.0	8.00	7.8
81 04 21 1000		.3	1	0.002	160.00	5.00	165.0	0.90	12.000	4.000	52.0	7.70	7.6
81 05 19 1425		.3	1	0.002	170.00	3.00	220.0	0.85	16.000		74.0	8.00	8.0
81 06 15 1430		.3	1	0.004	160.00	8.00	235.0	1.50	16.000		80.0	8.00	7.8
81 07 27 1045		.3	1	0.004	370.00	2.00	450.0	2.60	41.000	0.000	148.0	8.30	8.2
81 08 28 1415		.3	1	0.002	330.00	4.00	490.0	1.70	53		148.0	8.60	8.3
81 09 14 1255		.3	1	0.078	310.00	2.00	450.0	2.90	44.000		147.0	8.40	7.8
81 10 20 1020		.3	1	0.001	170.00	2.00	275.0	2.00	19.000		84.0	8.00	7.8
81 11 16 1205		.3	1	0.001	200.00	1.00	305.0	2.00	23.000		100.0	8.10	7.8
81 12 16 1055		3	1		250.00	2.00	420.0	3.00	35.000		129.0	7.70	7.2
	MAXIMUM			**0.078**	**370.00**	**8.00**	**570.0**	**6.00**	**125.000**	**4.000**	**148.0**	**8.60**	**8.3**
	ARITH MEAN			**0.013**	**238.33**	**3.08**	**348**	**2.29**	**35**	**3.667**	**105.2**	**8.02**	**7.8**
	GEOM MEAN			**0.004**	**226.41**	**2.55**	**328**	**2.01**	**28**	**3.634**	**100.7**	**8.01**	**7.8**
	MINIMUM			**0.001**	**160.00**	**1.00**	**165.0**	**0.85**	**12.000**	**3.000**	**52.0**	**7.70**	**7.2**
	STD DEV (GEOM *)			**0.023**	**81.89**	**2.07**	**124**	**1.35**	**31**	**0.577**	**31.6**	**0.30**	**0.3**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**12**	**12**	**3**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 12 1225		.3	1		125.000	33.000							
81 02 10 1530		.3	1	0.700	137.000	35.000	0.002	0.004	0.003	0.002	0.001<	0.007	0.078
81 03 09 1050		.3	1		137.000	48.000							
81 04 21 1000		.3	1		72.000	48.000							
81 05 19 1425		.3	1	0.380	98.000	49.000	0.004<	0.003	0.002	0.008	0.001<	0.006	0.049
81 06 15 1430		3	1		101.000	65.000							
81 07 27 1045		3	1		205.000	44.000							
81 08 28 1415		.3	1	0.290	213.000	36.000	0.001<	0.003	0.003	0.001	0.002	0.007	0.049
81 09 14 1255		.3	1		198.000	45.000							
81 10 20 1020		.3	1	0.460	119.000	45.000	0.001<	0.001<	0.003	0.004	0.001	0.008	0.058
81 11 16 1205		.3	1		137.000	43.000							
81 12 16 1055		3	1		182.000	42.000							
	MAXIMUM			**0.700**	**213.000**	**65.000**	**0.002**	**0.004**	**0.003**	**0.008**	**0.002**	**0.008**	**0.078**
	ARITH MEAN			**0.457**	**143.667**	**44.417**	**0.002**	**0.003**	**0.003**	**0.004**	**0.001**	**0.007**	**0.058**
	GEOM MEAN			**0.434**	**136.782**	**43.744**		**0.003**	**0.003**	**0.003**	**0.001**	**0.007**	**0.057**
	MINIMUM			**0.290**	**72.000**	**33.000**	**0.002**	**0.003**	**0.002**	**0.001**	**0.001**	**0.006**	**0.049**
	STD DEV (GEOM *)			**0.176**	**45.848**	**8.361**		**0.001**	**0.000**	**0.003**	**0.001**	**0.001**	**0.014**
	# SAMPLES (IN STATISTICS)			**4**	**12**	**12**	**1**	**3**	**4**	**4**	**2**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 02 10 1530		.3	1	0.001<	
81 05 19 1425		.3	1	0.001<	0.003
81 08 28 1415		.3	1	0.011	0.002
81 10 20 1020		.3	1	0.001<	0.003
	MAXIMUM			**0.011**	**0.003**
	ARITH MEAN			**0.011**	**0.003**
	GEOM MEAN				**0.003**
	MINIMUM			**0.011**	**0.002**
	STD DEV (GEOM *)				**0.001**
	# SAMPLES (IN STATISTICS)			**1**	**3**

B.O.W./SITE: **MC INTYRE RIVER**
SAMPLE POINT: **AT HAMMOND AVE THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB016**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC INTYRE RIVER**

STATION ID: **01-0106-001-02**
STORET CODE: **02 001 7900**

LAT: LONG: U.T.M.: **16 0334850.0 5364000.0 4** REGION: **06** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1140		3	1	20012		0.191	1500	3700	436		0.0	12.4	0.6
81 02 10 1600		3	1	20024	4	0.167	430	800	164		0.0	12.4	0.3
81 03 09 1110		3	1	20037		0.310	1000	1400	112		0.0	13.1	1.7
81 04 21 1330		3	1	20057		3.690	150	250	12		4.0	11.8	0.4
81 05 04 1330		3	1	20061		5.770	680	1500	24	84	7.0	11.4	0.6
81 05 19 1040		3	1	20083		1.150	730C	7000	64		12.0	9.2	0.9
81 06 15 1450		3	1	20107		3.030	2300	18900	60		15.5	9.3	0.7
81 07 27 1000		3	1	20131		0.134	600I	7200	60I		17.0	7.0	1.0
81 08 28 1440		3	1	20155		0.026	1000	5800	80		20.0	6.8	0.8
81 09 14 1235		3	1	20179		0.092	2000	14000	148		17.0	7.4	1.3
81 10 20 1000		3	1	20203		0.864	1000	4300	260		4.5	14.0	0.6
81 11 16 1150		3	1	20217		0.309	3400	8900	340		5.0	10.4	0.3
81 12 16 1045		3	1	20231	4	0.138	1500	2400	390		1.0	10.6	1.0
MAXIMUM						**5.770**	**3400**	**18900**	**436**	**84**	**20.0**	**14.0**	**1.7**
ARITH MEAN						**1.221**	**1253**	**5858**	**165**	**84**	**10.3**	**10.4**	**0.8**
GEOM MEAN						**0.408**	**970**	**3482**	**106**		**7.6**	**10.2**	**0.7**
MINIMUM						**0.026**	**150**	**250**	**12**	**84**	**1.0**	**6.8**	**0.3**
STD DEV (GEOM *)						**1.805**	**2***	**3***	**3***		**6.8**	**2.4**	**0.4**
# SAMPLES (IN STATISTICS)						**13**	**13**	**13**	**13**	**1**	**10**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1140		.3	1	0.020	0.002	0.040	0.390	0.005	0.290	0.335	0.350	0.685	200.00
81 02 10 1600		.3	1	0.019	0.005	0.070	0.320	0.005	0.330	0.405	0.250	0.655	150.00
81 03 09 1110		.3	1	0.053	0.002	0.170	0.840	0.027	0.430	0.627	0.670	1.297	330.00
81 04 21 1330		.3	1	0.024	0.003	0.040	0.600	0.005	0.160	0.205	0.560	0.765	130.00
81 05 04 1330		.3	1	0.024	0.003	0.020	0.480	0.004	0.080	0.104	0.460	0.564	150.00
81 05 19 1040		.3	1	0.075	0.003	0.010	0.540	0.004	0.040	0.054	0.530	0.584	260.00
81 06 15 1450		.3	1	0.018	0.005	0.010<	0.550	0.006	0.080	0.096	0.540	0.636	180.00
81 07 27 1000		.3	1	0.031	0.005	0.060	0.470	0.006	0.060	0.126	0.410	0.536	210.00
81 08 28 1440		.3	1	0.060	0.009	0.150	0.630	0.007	0.090	0.247	0.480	0.727	130.00
81 09 14 1235		.3	1	0.048	0.005	0.200	0.630	0.010	0.070	0.280	0.430	0.710	230.00
81 10 20 1000		.3	1	0.020	0.004	0.040	0.400	0.006	0.160	0.206	0.360	0.566	180.00
81 11 16 1150		.3	1	0.021	0.006	0.040	0.370	0.005	0.120	0.165	0.330	0.495	190.00
81 12 16 1045		.3	1	0.016	0.002	0.040	0.410	0.004	0.260	0.304	0.370	0.674	160.00
MAXIMUM				**0.075**	**0.009**	**0.200**	**0.840**	**0.027**	**0.430**	**0.627**	**0.670**	**1.297**	**330.00**
ARITH MEAN				**0.033**	**0.004**	**0.073**	**0.510**	**0.007**	**0.167**	**0.243**	**0.442**	**0.684**	**192.31**
GEOM MEAN				**0.029**	**0.004**	**0.053**	**0.493**	**0.006**	**0.130**	**0.201**	**0.428**	**0.664**	**185.61**
MINIMUM				**0.016**	**0.002**	**0.010**	**0.320**	**0.004**	**0.040**	**0.054**	**0.250**	**0.495**	**130.00**
STD DEV (GEOM *)				**0.019**	**0.002**	**0.063**	**0.142**	**0.006**	**0.122**	**0.155**	**0.114**	**0.201**	**56.30**
# SAMPLES (IN STATISTICS)				**13**	**13**	**12**	**13**	**13**	**13**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3
TEST-NAME:				*RSP*	*COND25*	*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*
81 01 12 1140		.3	1	5.00	235.0	5.40	17.000	5.000	83.0	7.40	7.6	1.3	103.000
81 02 10 1600		.3	1	4.00	245.0	5.60	16.000		88.0	7.50	7.7	1.200	105.000
81 03 09 1110		.3	1	7.00	530.0	5.50	115.000	5.000	80.0	7.50	7.6		109.000
81 04 21 1330		.3	1	9.00	133.0	3.70	9.700	5.000	39.0	7.20	7.7		57.000
81 05 04 1330		.3	1	10.00	152.0	4.80	11.000		43.0	7.50	7.7	1.100	61.000
81 05 19 1040		.3	1	40.00	190.0	2.00	16.000		58.0	7.50	7.7	0.770	77.000
81 06 15 1450		.3	1	7.00	205.0	3.70	16.000		67.0	7.60	7.2	1.100	86.000
81 07 27 1000		.3	1	5.00	240.0	3.10	24.000	5.000	86.0	7.70	7.5	0.710	108.000
81 08 28 1440		.3	1	15.00	185.0	2.60	10.000		65.0	7.40	7.8	0.010	73.000
81 09 14 1235		.3	1	10.00	340.0	6.50	41.000		96.0	7.50	6.8	1.1	135.000
81 10 20 1000		.3	1	5.00	240.0	5.60	18.000		69.0	7.60	7.6	0.930	102.000
81 11 16 1150		.3	1	3.00	245.0	6.80	22.000		73.0	7.50	6.9	1.100	103.000
81 12 16 1045		.3	1	3.00	285.0	4.00	25.000		88.0	7.40	6.8	1.100	119.000
MAXIMUM				**40.00**	**530.0**	**6.80**	**115.000**	**5.000**	**96.0**	**7.70**	**7.8**	**1.3**	**135.000**
ARITH MEAN				**9.46**	**248.1**	**4.56**	**26.208**	**5.000**	**71.9**	**7.48**	**7.4**	**0.9**	**95.231**
GEOM MEAN				**7.11**	**233.3**	**4.30**	**20.024**	**5.000**	**69.6**	**7.48**	**7.4**	**0.6**	**92.465**
MINIMUM				**3.00**	**133.0**	**2.00**	**9.700**	**5.000**	**39.0**	**7.20**	**6.8**	**0.010**	**57.000**
STD DEV (GEOM *)				**9.79**	**100.5**	**1.50**	**27.926**	**0.000**	**17.5**	**0.12**	**0.4**	**0.3**	**22.924**
# SAMPLES (IN STATISTICS)				**13**	**13**	**13**	**13**	**4**	**13**	**13**	**13**	**11**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*COLAP*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 12 1140		.3	1	55.000		0.05 <		0.003			0.008		
81 02 10 1600		.3	1	55.000	0.002	0.05 <	0.002	0.004	0.004	0.001<	0.011	0.063	0.001
81 03 09 1110		.3	1	59.000	0.001<	0.050<	0.005	0.012	0.020	0.001	0.030		
81 04 21 1330		.3	1	80.000	0.002	0.050<	0.001<	0.004	0.003	0.001	0.006		
81 05 04 1330		.3	1	82.000	0.001	0.050<	0.002	0.004	0.005	0.001	0.011	0.049	0.005
81 05 19 1040		.3	1	76.000	0.004<	0.050<	0.002	0.001	0.008	0.001<	0.006	0.062	0.001<
81 06 15 1450		.3	1	104.000	0.004<	0.050<	0.003	0.002	0.006	0.001<	0.008	0.073	
81 07 27 1000		.3	1	56.000	0.003	0.050	0.001<	0.001<	0.008	0.001	0.006		0.008
81 08 28 1440		.3	1	39.000	0.002	0.070	0.001	0.010	0.001<	0.001	0.004	0.110	0.005
81 09 14 1235		.3	1	61.000	0.001	0.05 <	0.003	0.002	0.001	0.002	0.009	0.44	
81 10 20 1000		.3	1	79.000	0.001<	0.050<	0.003	0.001<	0.005	0.001<	0.008	0.076	0.002
81 11 16 1150		.3	1	73.000	0.001	0.250<	0.001	0.007	0.006	0.010	0.007	0.091	
81 12 16 1045		.3	1	57.000	0.001	0.050<	0.001<	0.003	0.003	0.001<	0.008	0.095	
MAXIMUM				**104.000**	**0.003**	**0.070**	**0.005**	**0.012**	**0.020**	**0.010**	**0.030**	**0.44**	**0.008**
ARITH MEAN				**67.385**	**0.002**	**0.060**	**0.002**	**0.005**	**0.006**	**0.002**	**0.009**	**0.11**	**0.004**
GEOM MEAN				**65.461**	**0.001**	**0.059**	**0.002**	**0.004**	**0.005**	**0.002**	**0.008**	**0.09**	**0.003**
MINIMUM				**39.000**	**0.001**	**0.050**	**0.001**	**0.001**	**0.001**	**0.001**	**0.004**	**0.049**	**0.001**
STD DEV (GEOM *)				**16.870**	**0.001**	**0.014**	**0.001**	**0.003**	**0.005**	**0.003**	**0.007**	**0.12**	**0.003**
# SAMPLES (IN STATISTICS)				**13**	**8**	**2**	**9**	**11**	**11**	**7**	**13**	**9**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L
81 01 12 1140		.3	1			20<W
81 02 10 1600		.3	1	0.001	0.010<	20<W
81 05 04 1330		.3	1	0.001		
81 05 19 1040		.3	1	0.002	0.010<	20<W
81 07 27 1000		.3	1	0.003		
81 08 28 1440		.3	1	0.001		20<W
81 10 20 1000		.3	1	0.001	0.010<	20<W
81 11 16 1150		.3	1			20<W
81 12 16 1045		.3	1			20<W
MAXIMUM				0.003		
ARITH MEAN				0.001		
GEOM MEAN				0.001		
MINIMUM				0.001		
STD DEV (GEOM *)				0.001		
# SAMPLES (IN STATISTICS)				6		

B.O.W./ SITE: **MC INTYRE RIVER**
SAMPLE POINT: **HIGHWAY 11 & 17 CITY OF THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC INTYRE RIVER**

STATION ID: **01-0106-002-02**
STORET CODE: **02 001 7900**

LAT: LONG: U T M: **16 0333600.0 5362975.0 4** REGION: **06** DISTANCE: **1.931**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1310		.3	1	20008		196	356	40	0.0	13.5	0.4	0.018	0.002
81 02 10 1145		.3	1	20023	4	440	88	40	0.0	13.8	0.4	0.012	0.004
81 03 09 1000		.3	1	20036		156	272	68	0.0	13.0	0.4	0.012	0.003
81 04 08 1155		.3	1	20041		1300	1800		0.0	13.2		0.080	
81 04 15 1100		.3	1	20044	3	310	340		0.5	14.0		0.034	
81 05 19 1350		.3	1	20082		320C	2400	40	12.5	9.8	0.6	0.010	0.002
81 06 15 1350		.3	1	20106		1000	4900	96	16.0	9.6	0.6	0.020	0.006
81 07 27 1145		.3	1	20130		1000	8100	48	16.5	9.0	0.6	0.016	0.004
81 08 25 1155		.3	1	20154		1300	4700	440	17.0	9.4	0.4	0.011	0.003
81 09 14 1335		.3	1	20178		1600	15000	90I	15.5	9.8	0.9	0.013	0.004
81 10 20 1110		.3	1	20202		270	3800	20I	2.5	12.3	0.3	0.015	0.003
81 11 16 1245		.3	1	20216		240	980	80	3.0	12.2	0.1	0.010	0.003
81 12 16 1120		.3	1	20230	4	660	970	104	1.0	10.6	0.4	0.014	0.003
MAXIMUM						**1600**	**15000**	**440**	**17.0**	**14.0**	**0.9**	**0.080**	**0.006**
ARITH MEAN						**676**	**3362**	**97**	**9.4**	**11.6**	**0.5**	**0.020**	**0.003**
GEOM MEAN						**509**	**1451**	**67**	**5.3**	**11.4**	**0.4**	**0.017**	**0.003**
MINIMUM						**156**	**88**	**20**	**0.5**	**9.0**	**0.1**	**0.010**	**0.002**
STD DEV (GEOM *)						**2***	**5***	**2***	**7.4**	**1.9**	**0.2**	**0.019**	**0.001**
# SAMPLES (IN STATISTICS)						**13**	**13**	**11**	**9**	**13**	**11**	**13**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 12 1310		.3	1	0.050	0.410	0.004	0.320	0.374	0.360	0.734	210.00	1.00	270.0
81 02 10 1145		.3	1	0.030	0.300	0.004	0.300	0.334	0.270	0.604	150.00	1.00	205.0
81 03 09 1000		.3	1	0.050	0.260	0.004	0.320	0.374	0.210	0.584	170.00	1.00	205.0
81 04 08 1155		.3	1	0.010<	0.780				0.770			60.00	142.0
81 04 15 1100		.3	1	0.03								20	101
81 05 19 1350		.3	1	0.010<	0.340	0.003	0.030	0.043	0.330	0.373	120.00	2.00	140.0
81 06 15 1350		.3	1	0.010<	0.530	0.004	0.050	0.064	0.520	0.584	100.00	10.00	145.0
81 07 27 1145		.3	1	0.010	0.370	0.003	0.070	0.083	0.360	0.443	180.00	1.00	235.0
81 08 25 1155		.3	1	0.010<	0.230	0.002	0.050	0.062	0.220	0.282	160.00	1.00	245.0
81 09 14 1335		.3	1	0.010<	0.310	0.002	0.020	0.032	0.300	0.332	160.00	2.00	240.0
81 10 20 1110		.3	1	0.010<	0.390	0.005	0.130	0.145	0.380	0.525	140.00	4.00	180.0
81 11 16 1245		.3	1	0.010<	0.300	0.004	0.110	0.124	0.290	0.414	140.00	1.00	185.0
81 12 16 1120		.3	1	0.020	0.300	0.004	0.230	0.254	0.280	0.534	120.00	1.00	210.0
MAXIMUM				**0.050**	**0.780**	**0.005**	**0.320**	**0.374**	**0.770**	**0.734**	**210.00**	**60.00**	**270.0**
ARITH MEAN				**0.03**	**0.377**	**0.004**	**0.148**	**0.172**	**0.357**	**0.492**	**150.00**	**8**	**192**
GEOM MEAN				**0.02**	**0.356**	**0.003**	**0.101**	**0.123**	**0.335**	**0.474**	**147.07**	**2**	**188**
MINIMUM				**0.010**	**0.230**	**0.002**	**0.020**	**0.032**	**0.210**	**0.282**	**100.00**	**1.00**	**101**
STD DEV (GEOM *)				**0.01**	**0.150**	**0.001**	**0.121**	**0.136**	**0.154**	**0.135**	**30.98**	**16**	**49**
# SAMPLES (IN STATISTICS)				**6**	**12**	**11**	**11**	**11**	**12**	**11**	**11**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 12 1310		.3	1	3.60	14.000	6.000	103.0	7.60	7.8		125.000	54.000	
81 02 10 1145		.3	1	3.30	7.200		85.0	7.60	7.6	0.750	93.000	49.000	0.001
81 03 09 1000		.3	1	2.50	13.000	4.000	79.0	7.80	7.5		91.000	48.000	
81 04 08 1155		.3	1	12.00					7.5	3.800			
81 04 15 1100		.3	1						8.1	1.3			
81 05 19 1350		.3	1	1.30	6.900	4.0	50.0	7.80	8.1	0.360	63.000	70.000	0.004<
81 06 15 1350		.3	1	3.10	6.800		56.0	7.80	7.5	0.900	68.000	101.000	
81 07 27 1145		.3	1	1.40	10.000	2.000	98.0	8.10	8.0		111.000	59.000	
81 08 25 1155		.3	1	0.80	9.500		102.0	8.00	7.9	0.120	112.000	40.000	0.002
81 09 14 1335		.3	1	3.00	8.600		102.0	8.30	7.5	0.600	113.000	50.000	
81 10 20 1110		.3	1	3.50	9.000		54.0	7.80	7.5	0.520	78.000	83.000	0.001<
81 11 16 1245		.3	1	2.50	9.100		64.0	7.80	7.5	0.500	83.000	62.000	
81 12 16 1120		.3	1	3.10	8.400		78.0	7.50	7.2	0.700	95.000	53.000	
MAXIMUM				**12.00**	**14.000**	**6.000**	**103.0**	**8.30**	**8.1**	**3.800**	**125.000**	**101.000**	**0.002**
ARITH MEAN				**3.34**	**9.318**	**4.0**	**79.2**	**7.83**	**7.7**	**0.9**	**93.818**	**60.818**	**0.001**
GEOM MEAN				**2.67**	**9.079**	**3.7**	**76.6**	**7.82**	**7.7**	**0.6**	**91.829**	**58.772**	**0.001**
MINIMUM				**0.80**	**6.800**	**2.000**	**50.0**	**7.50**	**7.2**	**0.120**	**63.000**	**40.000**	**0.001**
STD DEV (GEOM *)				**2.88**	**2.327**	**1.6**	**20.6**	**0.23**	**0.3**	**1.0**	**19.899**	**17.770**	**0.001**
# SAMPLES (IN STATISTICS)				**12**	**11**	**4**	**11**	**11**	**13**	**10**	**11**	**11**	**2**

(CONTD)

B.O.W./ SITE: **MC INTYRE RIVER**
SAMPLE POINT: **HIGHWAY 11 & 17 CITY OF THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC INTYRE RIVER**

STATION ID: **01-0106-002-02**
STORET CODE: **02 001 7900**

LAT: LONG: U T M: **16 0333600.0 5362975.0 4** REGION: **06** DISTANCE: **1.931**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
TEST-NAME:				*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*	*CCNAUR*	*P1PCBT*
81 02 10 1145		.3	1	0.002	0.001	0.001<	0.001<	0.004	0.039	0.001<	0.001<	0.010<	
81 04 08 1155		.3	1		0.004	0.002	0.001<	0.010	0.280	0.002			
81 04 15 1100		.3	1		0.003	0.001<	0.001	0.002	0.054	0.001			20<W
81 05 19 1350		.3	1	0.007	0.013	0.007	0.001<	0.003	0.029	0.002	0.001<	0.010<	
81 06 15 1350		.3	1						0.056				
81 08 25 1155		.3	1	0.005	0.003	0.001<	0.001	0.003	0.020	0.005	0.001		
81 09 14 1335		.3	1						0.016				
81 10 20 1110		.3	1	0.001<	0.001<	0.001	0.001<	0.006	0.036	0.001<	0.001	0.010<	
81 11 16 1245		.3	1						0.023				
81 12 16 1120		.3	1						0.022				
MAXIMUM				**0.007**	**0.013**	**0.007**	**0.001**	**0.010**	**0.280**	**0.005**	**0.001**		
ARITH MEAN				**0.005**	**0.005**	**0.003**	**0.001**	**0.005**	**0.057**	**0.002**	**0.001**		
GEOM MEAN				**0.004**	**0.003**	**0.002**	**0.001**	**0.004**	**0.038**	**0.002**	**0.001**		
MINIMUM				**0.002**	**0.001**	**0.001**	**0.001**	**0.002**	**0.016**	**0.001**	**0.001**		
STD DEV (GEOM *)				**0.003**	**0.005**	**0.003**	**0.000**	**0.003**	**0.079**	**0.002**	**0.000**		
# SAMPLES (IN STATISTICS)				**3**	**5**	**3**	**2**	**6**	**10**	**4**	**2**		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PENTACHL PHENOL NG/L	2,4,5-T NG/L
TEST-NAME:				*X3PCPH*	*P3245T*
81 04 15 1100		.3	1	100<W	50<W
MAXIMUM				**100**	**50**
ARITH MEAN				**100<A**	**50<A**
GEOM MEAN					
MINIMUM				**100**	**50**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W./ SITE: **NEEBING RIVER**
SAMPLE POINT: **AT 110TH AVE THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **NEEBING RIVER**

STATION ID: **01-0107-001-02**
STORET CODE: **02 001 7910**

LAT: LONG: U T M: **16 0333875.0 5363125.0 4** REGION: **06** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1120		3	1	20013		0.218	610	670	132		0.0	10.0	0.8
81 02 10 1615		3	1	20026	4	0.201	6500	2300	380		0.0	10.4	0.9
81 03 09 1125		3	1	20039		0.435	2100	4800	310		0.0	11.2	1.6
81 04 08 1320		3	1	20042		13.400	1100	2900			1.5	13.3	
81 04 15 1030		3	1	20045	3	9.490	320	770			1.5	13.5	
81 05 19 1045		3	1	20085		1.790	1000	9000	250		11.8	10.0	0.7
81 06 15 1330		3	1	20109		4.140	4000	19300	1100		16.0	9.2	0.8
81 07 27 0950		3	1	20133		0.145	200C	6100	60I	4<	17.5	8.0	1.8
81 08 28 1450		3	1	20157		0.077	300I	4100	20I		22.0	8.4	0.3
81 09 14 1240		3	1	20181		0.143	1200	14000	470		16.5	4.8	1.7
81 10 20 0945		3	1	20205		1.750	1100	4600	190		4.5	11.3	0.7
81 11 16 1140		3	1	20219		0.945	430	2100	120		4.5	10.2	0.4
81 12 16 1035		3	1	20233	4	0.150	700I	3200	210		1.0	9.8	0.8
MAXIMUM						**13.400**	**6500**	**19300**	**1100**		**22.0**	**13.5**	**1.8**
ARITH MEAN						**2.530**	**1505**	**5680**	**295**		**9.7**	**10.0**	**1.0**
GEOM MEAN						**0.684**	**907**	**3770**	**190**		**5.9**	**9.7**	**0.8**
MINIMUM						**0.077**	**200**	**670**	**20**		**1.0**	**4.8**	**0.3**
STD DEV (GEOM *)						**4.194**	**3***	**3***	**3***		**7.9**	**2.2**	**0.5**
# SAMPLES (IN STATISTICS)						**13**	**13**	**13**	**11**		**10**	**13**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1120		3	1	0.054	0.010	0.200	0.740	0.006	0.380	0.586	0.540	1.126	250.00
81 02 10 1615		3	1	0.055	0.007	0.250	0.700	0.005	0.430	0.685	0.450	1.135	230.00
81 03 09 1125		3	1	0.050	0.006	0.270	0.950	0.009	0.480	0.759	0.680	1.439	320.00
81 04 08 1320		3	1	0.100		0.080	0.850				0.770		
81 04 15 1030		3	1	0.036		0.07							
81 05 19 1045		3	1	0.019	0.004	0.040	0.520	0.005	0.080	0.125	0.480	0.605	180.00
81 06 15 1330		3	1	0.020	0.003	0.030	0.670	0.007	0.140	0.177	0.640	0.817	180.00
81 07 27 0950		3	1	0.040	0.003	0.050	0.940	0.006	0.080	0.136	0.890	1.026	330.00
81 08 28 1450		3	1	0.026	0.003	0.020	0.510	0.006	0.050	0.076	0.490	0.566	280.00
81 09 14 1240		3	1	0.170	0.066	0.410	1.300	0.033	0.110	0.553	0.890	1.443	380.00
81 10 20 0945		3	1	0.025	0.008	0.100	0.440	0.010	0.290	0.400	0.340	0.740	240.00
81 11 16 1140		3	1	0.024	0.008	0.130	0.510	0.007	0.250	0.387	0.380	0.767	240.00
81 12 16 1035		3	1	0.030	0.006	0.220	0.680	0.006	0.440	0.666	0.460	1.126	250.00

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
MAXIMUM				0.170	0.066	0.410	1.300	0.033	0.480	0.759	0.890	1.443	380.00
ARITH MEAN				0.050	0.011	0.14	0.734	0.009	0.248	0.414	0.584	0.981	261.82
GEOM MEAN				0.040	0.007	0.10	0.700	0.008	0.191	0.323	0.558	0.937	255.39
MINIMUM				0.019	0.003	0.020	0.440	0.005	0.050	0.076	0.340	0.586	180.00
STD DEV (GEOM *)				0.042	0.018	0.11	0.246	0.008	0.164	0.252	0.188	0.306	61.61
# SAMPLES (IN STATISTICS)				13	11	13	12	11	11	11	12	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 01 12 1120		.3	1	7.00	350.0	12.00	27.000	11.000	126.0	7.30	7.6		162.000
81 02 10 1615		.3	1	5.00	375.0	16.00	29.000		131.0	7.30	7.5	2.500	166.000
81 03 09 1125		.3	1	7.00	530.0	10.00	98.000	7.000	125.0	7.50	7.5		154.000
81 04 08 1320		.3	1	80.00	175.0	24.00					7.5	5.400	
81 04 15 1030		.3	1	20	152						8.1	2.0	154
81 05 19 1045		.3	1	9.00	235.0	3.00	15.000		84.0	7.60	7.8	1.400	106.000
81 06 15 1330		.3	1	6.00	250.0	4.40	14.000		97.0	7.60	7.5	1.600	113.000
81 07 27 0950		.3	1	7.00	395.0	4.00	33.000	5.000	143.0	7.80	7.4		180.000
81 08 28 1450		.3	1	2.00	375.0	0.45	33.000		119.0	7.50	8.1	0.420	154.000
81 09 14 1240		.3	1	30.00	380.0	70.00	41.000		118.0	7.50	6.9	13.000	153.000
81 10 20 0945		.3	1	4.00	360.0	13.00	26.000		115.0	7.60	6.9	1.800	152.000
81 11 16 1140		.3	1	3.00	345.0	9.50	27.000		113.0	7.50	6.7	1.700	156.000
81 12 16 1035		.3	1	4.00	425.0	16.00	35.000		138.0	7.50	6.9	2.300	166.000
MAXIMUM				80.00	530.0	70.00	98.000	11.000	143.0	7.80	8.1	13.000	180.000
ARITH MEAN				14	334	15.20	34.364	7.667	119.0	7.52	7.4	3.2	151
GEOM MEAN				7	316	8.54	29.994	7.275	117.8	7.52	7.4	2.1	149
MINIMUM				2.00	152	0.45	14.000	5.000	84.0	7.30	6.7	0.420	106.000
STD DEV (GEOM *)				21	105	18.50	22.571	3.055	17.1	0.14	0.5	3.6	21
# SAMPLES (IN STATISTICS)				13	13	12	11	3	11	11	13	10	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 12 1120		.3	1	95.000									
81 02 10 1615		.3	1	106.000	0.002	0.001	0.006	0.005	0.001	0.011	0.24	0.001<	
81 03 09 1125		.3	1	93.000									
81 04 08 1320		.3	1				0.007	0.006	0.001<	0.014	0.230	0.003	
81 04 15 1030		.3	1				0.005	0.001<	0.001	0.003	0.070	0.001	
81 05 19 1045		.3	1	82.000	0.004<	0.001	0.001<	0.009	0.001<	0.005	0.100	0.002	0.002
81 06 15 1330		.3	1	118.000							0.095		
81 07 27 0950		.3	1	79.000									
81 08 28 1450		.3	1	51.000	0.001<	0.003	0.005	0.001	0.001	0.004	0.061	0.008	0.001
81 09 14 1240		.3	1	316.000							0.440		
81 10 20 0945		.3	1	84.000	0.001<	0.001<	0.001<	0.004	0.001	0.008	0.140	0.001<	0.001
81 11 16 1140		.3	1	90.000							0.160		
81 12 16 1035		.3	1	104.000							0.230		
MAXIMUM				316.000	0.002	0.003	0.007	0.009	0.001	0.014	0.440	0.008	0.002
ARITH MEAN				110.727	0.002	0.002	0.006	0.005	0.001	0.007	0.17	0.003	0.001
GEOM MEAN				99.117		0.001	0.006	0.004	0.001	0.006	0.14	0.003	0.001
MINIMUM				51.000	0.002	0.001	0.005	0.001	0.001	0.003	0.061	0.001	0.001
STD DEV (GEOM *)				70.258		0.001	0.001	0.003	0.000	0.004	0.11	0.003	0.001
# SAMPLES (IN STATISTICS)				11	1	3	4	5	4	6	10	4	3

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P2345T 2,4,5-T NG/L
81 04 15 1030		.3	1		20<W	160	50<W
81 05 19 1045		.3	1	0.010<			
81 10 20 0945		.3	1	0.010<			
MAXIMUM						160	50
ARITH MEAN						160	50<A
GEOM MEAN							
MINIMUM						160	50
STD DEV (GEOM *)							
# SAMPLES (IN STATISTICS)						1	1

B.O.W / SITE: **NEEBING RIVER**
SAMPLE POINT: **HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **NEEBING RIVER**

STATION ID: **01-0107-002-02**
STORET CODE: **02 001 7910**

LAT. LONG. U.T.M: **16 0325400.0 5361200.0 4** REGION: **06** DISTANCE: **13.840**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	FCBKGRD COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1330		.3	1	20007		470	210	4	0.0	13.6	0.4	0.017	0.003
81 02 10 1400		.3	1	20025	4	801	700	4<	0.0	13.2	0.4	0.012	0.002
81 03 09 0940		.3	1	20038		170	220	60	0.0	13.6	0.6	0.032	0.004
81 04 21 1120		.3	1	20058		68	176	4<	4.0	12.0	0.2	0.020	0.002
81 05 19 1335		.3	1	20084		280C	1920	20	12.7	10.8	0.5	0.022	0.002
81 06 15 1500		.3	1	20108		1600	4900	44	15.5	9.4	0.6	0.024	0.004
81 07 27 1310		.3	1	20132		580C	7100	16	17.0	9.6	0.7	0.016	0.003
81 08 24 1125		.3	1	20156		2600	6100	8	17.0	8.2	0.9	0.016	0.004
81 09 14 1355		.3	1	20180		1300	9000	16	16.5	8.6	1.0	0.017	0.003
81 10 20 1135		.3	1	20204		140	2100	32	2.5	12.7	0.4	0.009	0.002
81 11 16 1345		.3	1	20218		150	610	4	3.0	11.0	0.3	0.008	0.002

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NEEBING RIVER**
SAMPLE POINT: **HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **NEEBING RIVER**

STATION ID: **01-0107-002-02**
STORET CODE: **02 001 7910**

LAT | LONG | U.T.M.: **16 0325400.0 5361200.0 4** | REGION: **06** | DISTANCE: **13.840**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 12 16 1155		.3	1	20232	4	230	610	8	0.0	10.4	0.4	0.010	0.001
MAXIMUM						**2600**	**9000**	**60**	**17.0**	**13.6**	**1.0**	**0.032**	**0.004**
ARITH MEAN						**639**	**2804**	**21**	**11.0**	**11.1**	**0.5**	**0.017**	**0.003**
GEOM MEAN						**333**	**1262**	**15**	**8.5**	**10.9**	**0.5**	**0.016**	**0.002**
MINIMUM						**68**	**176**	**4**	**2.5**	**8.2**	**0.2**	**0.008**	**0.001**
STD DEV (GEOM *)						**3***	**4***	**3***	**6.7**	**1.9**	**0.2**	**0.007**	**0.001**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NH3-N TOTAL FIL.REAC MG/L AS N	NNHTFR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNTKUR NO2-N FIL.REAC MG/L AS N	NNO2FR NO3-N FIL.REAC MG/L AS N	NNO3FR INORG N TOTAL FIL.REAC MG/L	NNTIFR KJELDAHL ORGANIC UNF.REAC MG/L	NNKUR TOTAL N MG/L AS N	NNKI RESIDUE TOTAL MG/L	RST RESIDUE PARTIC. MG/L	RSP CONDUCT. 25C UMHO/CM AT 25 C	COND25
81 01 12 1330		.3	1	0.030	0.300	0.004	0.260	0.294	0.270	0.564	180.00	1.00	190.0	
81 02 10 1400		.3	1	0.030	0.330	0.004	0.380	0.414	0.300	0.714	160.00	1.00	280.0	
81 03 09 0940		.3	1	0.070	0.570	0.006	0.400	0.476	0.500	0.976	200.00	1.00	285.0	
81 04 21 1120		.3	1	0.020	0.480	0.004	0.100	0.124	0.460	0.584	130.00	20.00	148.0	
81 05 19 1335		.3	1	0.010<	0.510	0.003	0.060	0.073	0.500	0.573	150.00	8.00	190.0	
81 06 15 1500		.3	1	0.010<	0.620	0.004	0.070	0.084	0.610	0.694	160.00	9.00	205.0	
81 07 27 1310		.3	1	0.030	0.460	0.003	0.220	0.253	0.430	0.683	240.00	3.00	310.0	
81 08 24 1125		.3	1	0.010	0.440	0.004	0.160	0.174	0.430	0.604	220.00	3.00	335.0	
81 09 14 1355		.3	1	0.020	0.410	0.004	0.180	0.204	0.390	0.594	240.00	5.00	370.0	
81 10 20 1135		.3	1	0.010<	0.380	0.004	0.110	0.124	0.370	0.494	190.00	1.00	270.0	
81 11 16 1345		.3	1	0.030	0.360	0.003	0.130	0.163	0.330	0.493	190.00	1.00	260.0	
81 12 16 1155		.3	1	0.010	0.390	0.003	0.270	0.283	0.380	0.663	170.00	1.00	315.0	
MAXIMUM				**0.070**	**0.620**	**0.006**	**0.400**	**0.476**	**0.610**	**0.976**	**240.00**	**20.00**	**370.0**	
ARITH MEAN				**0.028**	**0.437**	**0.004**	**0.195**	**0.222**	**0.414**	**0.636**	**185.83**	**4.50**	**263.2**	
GEOM MEAN				**0.024**	**0.428**	**0.004**	**0.165**	**0.190**	**0.404**	**0.626**	**182.86**	**2.52**	**254.6**	
MINIMUM				**0.010**	**0.300**	**0.003**	**0.060**	**0.073**	**0.270**	**0.493**	**130.00**	**1.00**	**148.0**	
STD DEV (GEOM *)				**0.018**	**0.096**	**0.001**	**0.114**	**0.127**	**0.095**	**0.129**	**34.76**	**5.65**	**67.2**	
# SAMPLES (IN STATISTICS)				**9**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB'ITY FTU	TURB CHLORIDE UNF.REAC MG/L AS CL	CLIDUR ACIDITY TOTAL MG/L AS CACO3	ACDT ALK TOTAL MG/L AS CACO3	ALKT PH	PH PH FIELD	FWPH IRON UNF.TOT. MG/L AS FE	FEUT HARDNESS TOTAL MG/L AS CACO3	HARDT COLOUR APPARENT HZU	COLAP ARSENIC UNF.TOT. MG/L AS AS	ASUT
81 01 12 1330		.3	1	2.50	8.500	4.000	77.0	7.60	7.8		89.000	44.000		
81 02 10 1400		.3	1	4.90	14.000		110.0	7.60	7.7	1.100	131.000	60.000	0.002	
81 03 09 0940		.3	1	4.00	18.000	3.000	112.0	7.90	7.5		137.000	61.000		
81 04 21 1120		.3	1	3.50	6.000	4.000	50.0	7.60	7.6		64.000	61.000		
81 05 19 1335		.3	1	1.60	8.200		74.0	7.80	7.5	0.440	85.000	62.000	0.004<	
81 06 15 1500		.3	1	2.60	7.400		87.0	7.80	7.2	1.100	99.000	96.000		
81 07 27 1310		.3	1	2.90	17.000	2.000	125.0	8.00	7.8		147.000	80.000		
81 08 24 1125		.3	1	3.50	26.000		136.0	7.90	7.6	0.380	164.000	45.000	0.004	
81 09 14 1355		.3	1	4.40	32.000		138.0	7.90	7.7	0.850	174.000	49.000		
81 10 20 1135		.3	1	2.60	10.000		98.0	7.90	7.8	0.490	128.000	52.000	0.001<	
81 11 16 1345		.3	1	3.40	14.000		90.0	7.70	7.4	0.650	102.000	52.000		
81 12 16 1155		.3	1	4.90	17.000		112.0	7.60	7.2	0.850	148.000	55.000		
MAXIMUM				**4.90**	**32.000**	**4.000**	**138.0**	**8.00**	**7.8**	**1.100**	**174.000**	**96.000**	**0.004**	
ARITH MEAN				**3.40**	**14.842**	**3.250**	**100.7**	**7.77**	**7.6**	**0.732**	**122.333**	**59.750**	**0.003**	
GEOM MEAN				**3.25**	**13.130**	**3.130**	**97.2**	**7.77**	**7.6**	**0.682**	**117.566**	**58.275**	**0.003**	
MINIMUM				**1.60**	**6.000**	**2.000**	**50.0**	**7.60**	**7.2**	**0.380**	**64.000**	**44.000**	**0.002**	
STD DEV (GEOM *)				**1.02**	**7.868**	**0.957**	**26.5**	**0.15**	**0.2**	**0.286**	**34.193**	**14.943**	**0.001**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**4**	**12**	**12**	**12**	**8**	**12**	**12**	**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CHROMIUM UNF.TOT. MG/L AS CR	CRUT COPPER UNF.TOT. MG/L AS CU	CUUT LEAD UNF.TOT. MG/L AS PB	PBUT CADMIUM UNF.TOT. MG/L AS CD	CDUT ZINC UNF.TOT. MG/L AS ZN	ZNUT MANGANSE UNF.TOT. MG/L AS MN	MNUT NICKEL UNF.TOT. MG/L AS NI	NIUT COBALT UNF.TOT. MG/L AS CO	COUT CYANIDE AVAIL UNF.REAC MG/L AS HCN	CCNAUR
81 02 10 1400		.3	1	0.001	0.008	0.003	0.001<	0.002	0.052	0.001<	0.001<	0.01 <	
81 05 19 1335		.3	1	0.002	0.001	0.007	0.001<	0.003	0.034	0.001	0.003	0.010<	
81 06 15 1500		.3	1						0.045				
81 08 24 1125		.3	1	0.006	0.005	0.001<	0.002	0.003	0.110	0.007	0.002		
81 09 14 1355		.3	1						0.089				
81 10 20 1135		.3	1	0.001<	0.001<	0.002	0.001	0.003	0.028	0.001<	0.001	0.010<	
81 11 16 1345		.3	1						0.046				
81 12 16 1155		.3	1						0.058				
MAXIMUM				**0.006**	**0.008**	**0.007**	**0.002**	**0.003**	**0.110**	**0.007**	**0.003**		
ARITH MEAN				**0.003**	**0.005**	**0.004**	**0.001**	**0.003**	**0.058**	**0.004**	**0.002**		
GEOM MEAN				**0.002**	**0.003**	**0.003**	**0.001**	**0.003**	**0.053**	**0.003**	**0.002**		
MINIMUM				**0.001**	**0.001**	**0.002**	**0.001**	**0.002**	**0.028**	**0.001**	**0.001**		
STD DEV (GEOM *)				**0.003**	**0.004**	**0.003**	**0.001**	**0.000**	**0.028**	**0.004**	**0.001**		
# SAMPLES (IN STATISTICS)				**3**	**3**	**3**	**2**	**4**	**8**	**2**	**3**		

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **AT HIGHWAY NO 61B THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-001-02**
STORET CODE: **02 001 7920**

LAT: LONG: U T M: **16 0330550.0 5358500.0 4** REGION: **06** DISTANCE: **6.759**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1445		.3	1	20001	4	17000	24000	5100			0.5	10.5	12.0
81 01 13 0925		.3	1	50000							0.5	13.4	11.0
81 01 21 1100		.3	1	50001				16000			1.0	11.4	18.0
81 01 29 0930		.3	1	50002				25000			0.5	10.8	16.0
81 02 03 0920		.3	1	50003	4 0			38000			0.0	10.2	20.0
81 02 09 1020		.3	1	50004	4			20000			0.0	11.1	8.2
1025		.3	1	20014		180000	10000I	15000			0.0	11.1	9.2
81 02 18 0915		.3	1	50005	9 0			39000			1.5	12.2	12.0
81 02 25 0915		.3	1	50006	9 0			11000			2.0	10.5	11.0
81 03 05 1030		.3	1	50007	9 0			12000			1.5	10.2	12.0
81 03 09 1340		.3	1	20027		350000	120000	9000I			2.0	12.8	8.0
81 03 10 0910		.3	1	50008				14000			1.0	12.0	9.2
81 03 18 1120		.3	1	50009	0			48000			1.5	11.9	11.0
81 03 25 1010		.3	1	50010	9			6000I			1.0	12.3	9.8
81 04 01 1030		.3	1	50011	9			4900		4<	0.5	13.3	5.8
81 04 08 0945		.3	1	50012	9 3						1.0	12.6	3.6
81 04 15 1000		.3	1	50013	9 3			3900		4	1.0	13.6	5.5
81 04 21 1150		.3	1	20047		20000	27000	3900			6.0	11.2	5.2
81 04 22 1000		.3	1	50014	9 3			4600		8	4.0	11.0	5.2
81 04 24 1030		.3	1	50015	9 3			1500		16	4.0	11.8	3.0
81 04 27 0900		.3	1	50016	9 0			36000			6.0	11.2	5.0
81 05 04 1100		.3	1	50017	9 0			500I		16	8.0	11.8	4.0
1130		.3	1	20060		15000	7000I	1700	260		8.0	11.2	4.0
81 05 13 0930		.3	1	50018	9 0			15000		4<	13.0	9.7	14.0
81 05 19 1150		.3	1	20073		98000	20000	5000I			14.5	9.2	6.5
1400		.3	1	50019	9 0			15000			13.0	9.6	12.0
81 05 25 0930		.3	1	50020	9 0			14000			15.0	7.4	13.0
81 06 01 0930		.3	1	50021	9 0			18000		4<	14.5	12.5	11.0
81 06 08 0950		.3	1	50022	9 8			1800			15.0	11.2	3.8
81 06 15 0935		.3	1	50023	9			1200I			14.5	12.0	6.2
1030		.3	1	20097		530000	30000I	4000I			15.0	9.2	6.2
81 06 22 0942		.3	1	50024	9 3			12000		4	15.0	13.2	8.0
81 06 29 0940		.3	1	50025	9 3			13000C		24	15.0	13.3	8.0
81 07 06 0908		.3	1	50026	9 3			1000C		4<	21.2	14.0	
81 07 13 0913		.3	1	50027	9 0			10000		4	22.9	6.9	10.0
81 07 20 0900		.3	1	50028	9 0						22.3	7.4	7.4
81 07 27 0901		.3	1	50029	9 0			11000		4	19.2	11.2	12.0
81 08 04 1230		.3	1	20121		32000	27000	1600			26.0	0.2	29.0
1400		.3	1	50030	9 0			2000I		144	25.2	0.5	29.0
81 08 10 0947		.3	1	50031	9 0 5			2000I			23.0	0.4	30.0
81 08 17 0945		.3	1	50032	9 0			2000C		4	22.8	1.9	15.0
81 08 24 1205		.3	1	20145		930000	10000I	10000<			23.5	0.2	13
81 08 31 0850		.3	1	50033	9 0			30000I		24	23.0	0.3	20.0
81 09 08 0850		.3	1	50034	9 0			1000<		4	23.0	0.3	30.0
81 09 14 0905		.3	1	50035	9 0			6000C			19.0	0.2	26.0
1050		.3	1	20171		77000	70000	35000			21.0	0.4	20.0
81 09 21 0850		.3	1	50036	9 0			12000		4	19.8	0.3	19.0
81 09 28 0910		.3	1	50037	9 0			4000C		4	16.2	2.8	20.0
81 10 05 0915		.3	1	50038	9 0			3000I		4<	13.8	3.4	24.0
81 10 13 0850		.3	1	50040	9 0			1000<		2C	10.8	6.5	28.0
0900		.3	1	50039	9 0			1000		4	9.5	6.6	28.0
81 10 19 0905		.3	1	50041	9 0			7000I			9.8	7.9	15.0
1215		.3	1	20195		1700000	1800000	21000			9.0	7.2	20.0
81 10 26 0915		.3	1	50042	9 0			4100		4<	3.2	8.5	19.0
81 11 02 0855		.3	1	50043	9 0			9000I		4<	6.7	10.4	23.0
81 11 09 0925		.3	1	50044	9 0			300C		4	6.0	9.2	39.0
81 11 16 1010		.3	1	20209		20000	5000I	1200			6.0	11.8	14.0
81 11 23 0855		.3	1	50046	9 0			6000I		2<	1.0	12.0	16.0
81 11 30 0905		.3	1	50047	9 0			14400		12	3.0	11.50	26.0
81 12 10 0950		.3	1	50048	4			4200		4<	0.5	12.0	15.0
81 12 16 0815		.3	1	20223		520000	10000I	8000I			4.0	11.2	16.0
81 12 23 0930		.3	1	50050				400I		4<	1.0	11.50	16.0
81 12 30 0950		.3	1	50051	4			2300		4	-1.0	11.80	25.0
MAXIMUM						**1700000**	**1800000**	**48000**	**260**	**144**	**26.0**	**14.0**	**39.0**
ARITH MEAN						**345308**	**166154**	**10747**	**260**	**15**	**10.3**	**8.9**	**14**
GEOM MEAN						**115837**	**27663**	**5972**		**7**	**5.8**	**5.9**	**12**
MINIMUM						**15000**	**5000**	**300**	**260**	**2**	**0.5**	**0.2**	**3.0**
STD DEV (GEOM *)						**5***	**5***	**3***		**3***	**8.4**	**4.3**	**8**
# SAMPLES (IN STATISTICS)						**13**	**13**	**57**	**1**	**19**	**59**	**63**	**62**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1445		.3	1	0.042	0.007	0.010	0.640	0.007	0.010<	0.027	0.630	0.657	190.00
81 01 13 0925		.3	1	0.015	0.004				0.010<				
81 01 21 1100		.3	1	0.041	0.007				0.050				
81 01 29 0930		.3	1	0.068	0.015				0.190				
81 02 03 0920		.3	1	0.036	0.011				0.060				
81 02 09 1020		.3	1	0.031	0.005				0.010<				
1025		.3	1	0.038	0.005	0.010	0.640	0.005	0.010<	0.025	0.630	0.655	160.00
81 02 18 0915		.3	1	0.034	0.005				0.110				
81 02 25 0915		.3	1	0.046	0.010				0.080				
81 03 05 1030		.3	1	0.031	0.001<				0.030				
81 03 09 1340		.3	1	0.035	0.005	0.010<	0.380	0.009	0.110	0.129	0.370	0.499	160.00
81 03 10 0910		.3	1	0.030	0.005				0.180				
81 03 18 1120		.3	1	0.036	0.008				0.100				
81 03 25 1010		.3	1	0.041	0.009				0.080				
81 04 01 1030		.3	1	0.100	0.022				0.370				
81 04 08 0945		.3	1	0.140	0.023				0.290				
81 04 15 1000		.3	1	0.076	0.012				0.050				
81 04 21 1150		.3	1	0.045	0.008	0.010	0.630	0.009	0.050	0.069	0.620	0.689	145.00
81 04 22 1000		.3	1	0.053	0.007				0.070				
81 04 24 1030		.3	1	0.052	0.017				0.140				
81 04 27 0900		.3	1	0.039	0.008				0.010<				
81 05 04 1100		.3	1	0.065	0.022				0.120				
1130		.3	1	0.064	0.021	0.020	0.570	0.010	0.100	0.130	0.550	0.680	180.00

(CONTD)

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **AT HIGHWAY NO 61B THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-001-02**
STORET CODE: **02 001 7920**

LAT LONG: U.T.M: **16 0330550.0 5358500.0 4** REGION: **06** DISTANCE: **6.759**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 05 13 0930		3	1	0.029	0.010				0.020				
81 05 19 1150		3	1	0.036	0.008	0.010<	0.470	0.006	0.020	0.036	0.460	0.496	160.00
1400		3	1	0.035	0.008				0.010				
81 05 25 0930		3	1	0.051	0.006				0.010				
81 06 01 0930		3	1	0.044	0.006				0.012				
81 06 08 0950		3	1	0.040	0.005				0.060				
81 06 15 0935		3	1	0.036	0.009				0.080				
1030		3	1	0.022	0.007	0.010<	0.450	0.007	0.080	0.097	0.440	0.537	150.00
81 06 22 0942		3	1	0.036	0.009				0.070				
81 06 29 0940		3	1	0.028	0.005				0.020				
81 07 06 0908		3	1	0.034									
81 07 13 0913		3	1	0.040	0.006				0.010				
81 07 20 0900		3	1	0.037	0.003				0.020				
81 07 27 0901		3	1	0.052	0.010				0.020				
81 08 04 1230		3	1	0.090	0.015	0.010<	0.640	0.011	0.030	0.051	0.630	0.681	330.00
1400		3	1	0.100	0.015				0.030				
81 08 10 0947		3	1	0.080	0.020				0.020				
81 08 17 0945		3	1	0.063	0.012				0.030				
81 08 24 1205		3	1	0.065	0.009	0.01 <	0.56	0.005	0.02	0.035	0.550	0.585	320
81 08 31 0850		3	1	0.066	0.006				0.020				
81 09 08 0850		3	1	0.088	0.012				0.020				
81 09 14 0905		3	1	0.087	0.019				0.010<				
1050		3	1	0.087	0.016	0.010	0.600	0.010	0.020	0.040	0.590	0.630	320.00
81 09 21 0850		3	1	0.088	0.025				0.020				
81 09 28 0910		3	1	0.076	0.016				0.010				
81 10 05 0915		3	1	0.060	0.009				0.010				
81 10 13 0850		3	1	0.062	0.011				0.030				
0900		3	1	0.060	0.011				0.020				
81 10 19 0905		3	1	0.060	0.009				0.020				
1215		3	1	0.062	0.010	0.010<	0.480	0.007	0.020	0.037	0.470	0.507	240.00
81 10 26 0915		3	1	0.045	0.007				0.010<				
81 11 02 0855		3	1	0.056	0.011				0.010<				
81 11 09 0925		3	1	0.055	0.014				0.010				
81 11 16 1010		3	1	0.039	0.006	0.010<	0.520	0.005	0.010<	0.025	0.510	0.535	180.00
81 11 23 0855		3	1	0.045	0.005				0.040				
81 11 30 0905		3	1	0.049	0.016				0.010				
81 12 10 0950		3	1	0.030	0.016				0.180				
81 12 16 0815		3	1	0.037	0.004	0.010<	0.410	0.009	0.100	0.119	0.400	0.519	150.00
81 12 23 0930		3	1	0.040	0.001				0.010<				
81 12 30 0950		3	1	0.046	0.004				0.010<				
MAXIMUM				**0.140**	**0.025**	**0.020**	**0.640**	**0.011**	**0.370**	**0.130**	**0.630**	**0.689**	**330.00**
ARITH MEAN				**0.053**	**0.010**	**0.012**	**0.53**	**0.008**	**0.06**	**0.074**	**0.508**	**0.582**	**208**
GEOM MEAN				**0.048**	**0.009**	**0.011**	**0.53**	**0.007**	**0.03**	**0.065**	**0.500**	**0.577**	**196**
MINIMUM				**0.015**	**0.001**	**0.010**	**0.380**	**0.005**	**0.010**	**0.035**	**0.370**	**0.496**	**145.00**
STD DEV (GEOM *)				**0.023**	**0.006**	**0.004**	**0.09**	**0.002**	**0.07**	**0.040**	**0.092**	**0.081**	**70**
# SAMPLES (IN STATISTICS)				**63**	**61**	**5**	**13**	**13**	**51**	**10**	**10**	**10**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 01 12 1445		3	1	7.00	175.0	3.30	17.000	8.000	32.0	6.80	7.2	0.500	42.000
81 01 13 0925		3	1	3.0									
81 01 21 1100		3	1	4.0									
81 01 29 0930		3	1	3.0									
81 02 03 0920		3	1	2.0									
81 02 09 1020		3	1	2.0									
1025		3	1	3.00	165.0	3.00	12.000		36.0	7.20	7.4	0.450	42.000
81 02 18 0915		3	1	8.0									
81 02 25 0915		3	1	3.0									
81 03 05 1030		3	1	2.0									
81 03 09 1340		3	1	2.00	165.0	2.50	12.000		35.0	7.30	7.6	0.400	40.000
81 03 10 0910		3	1	2.0									
81 03 18 1120		3	1	4.0									
81 03 25 1010		3	1	8.0									
81 04 01 1030		3	1	40.0									
81 04 08 0945		3	1	90.0									
81 04 15 1000		3	1	45.0									
81 04 21 1150		3	1	15.00	114.0	8.60	6.200		29.0	7.20	7.5	1.600	35.000
81 04 22 1000		3	1	25.0									
81 04 24 1030		3	1	30.0									
81 04 27 0900		3	1	15.0									
81 05 04 1100		3	1	40.0									
1130		3	1	40.00	123.0	34.00	5.400		36.0	7.50	7.8		43.000
81 05 13 0930		3	1	8.0									
81 05 19 1150		3	1	9.00	135.0	4.50	9.200		33.0	7.10	8.0	0.660	41.000
1400		3	1	7.0									
81 05 25 0930		3	1	10.0									
81 06 01 0930		3	1	10.0									
81 06 08 0950		3	1	30.0									
81 06 15 0935		3	1	20.0									
1030		3	1	10.00	128.0	6.10	7.300		34.0	7.20	7.5	0.880	38.000
81 06 22 0942		3	1	10.0									
81 06 29 0940		3	1	20.0									
81 07 06 0908		3	1	15.0									
81 07 13 0913		3	1	10.0									
81 07 20 0900		3	1	5.0									
81 07 27 0901		3	1	40.0									
81 08 04 1230		3	1	15.00	305.0	7.10	47.000		37.0	6.70	6.7	1.600	46.000
1400		3	1	30.0									
81 08 10 0947		3	1	25.0									
81 08 17 0945		3	1	20.0									
81 08 24 1205		3	1	20	335	8.9	35		43	6.7		1.000	55
81 08 31 0850		3	1	20.0									
81 09 08 0850		3	1	30.0									

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP	COND25	TURB	CLIDUR	ACDT	ALKT	PH	FWPH	FEUT	HARDT
81 09 14 0905			.3	1	30.0									
1050			.3	1	30.00	345.0	15.00	39.000		39.0	6.60	6.5	2.0	59.000
81 09 21 0850			.3	1	35.0									
81 09 28 0910			.3	1	20.0									
81 10 05 0915			.3	1	10.0									
81 10 13 0850			.3	1	10.0									
0900			.3	1	8.0									
81 10 19 0905			.3	1	20.0									
1215			.3	1	15.00	260.0	9.50	18.000		60.0	7.30	7.2		67.000
81 10 26 0915			.3	1	90.0									
81 11 02 0855			.3	1	6.0									
81 11 09 0925			.3	1	10.0									
81 11 16 1010			.3	1	5.00	160.0	4.50	13.000		34.0	6.90	7.2	0.410	42.000
81 11 23 0855			.3	1	10.0									
81 11 30 0905			.3	1	50.0									
81 12 10 0950			.3	1	3.0									
81 12 16 0815			.3	1	2.00	155.0	3.60	11.000		34.0	7.20	7.0	0.320	42.000
81 12 23 0930			.3	1	7.0									
81 12 30 0950			.3	1	1.0									
MAXIMUM					**90.0**	**345.0**	**34.00**	**47.000**	**8.000**	**60.0**	**7.50**	**8.0**	**2.0**	**67.000**
ARITH MEAN					**17**	**197**	**8.5**	**17**	**8.000**	**37**	**7.0**	**7.3**	**0.8**	**45**
GEOM MEAN					**10**	**183**	**6.3**	**14**		**36**	**7.0**	**7.3**	**0.7**	**44**
MINIMUM					**1.0**	**114.0**	**2.50**	**5.400**	**8.000**	**29.0**	**6.60**	**6.5**	**0.320**	**35.000**
STD DEV (GEOM *)					**18**	**83**	**8.4**	**13**		**7**	**0.2**	**0.4**	**0.5**	**9**
# SAMPLES (IN STATISTICS)					**63**	**13**	**13**	**13**	**1**	**13**	**13**	**12**	**11**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1445			.3	1	136.000	0.001<	0.050<	0.013	0.005	0.012	0.001	0.009	0.048	
81 01 13 0925			.3	1			0.050<		0.007	0.001<	0.001			
81 01 21 1100			.3	1			0.050<		0.003	0.001<	0.002			
81 01 29 0930			.3	1			0.050<		0.005	0.002	0.001			
81 02 03 0920			.3	1			0.050<		0.010	0.004	0.001 <			
81 02 09 1020			.3	1			0.050<		0.004	0.002	0.001 <			
1025			.3	1	129.000	0.001<	0.050<	0.008	0.009	0.006	0.001	0.005	0.040	
81 02 18 0915			.3	1			0.050<		0.003	0.001<	0.001 <			
81 02 25 0915			.3	1	-		0.050<		0.001	0.025	0.001 <			
81 03 05 1030			.3	1			0.050<		0.006	0.005	0.001			
81 03 09 1340			.3	1	124.000	0.001<	0.050<	0.011	0.016	0.001<	0.001 <	0.007	0.046	
81 03 10 0910			.3	1			0.050<		0.006	0.005	0.001 <			
81 03 18 1120			.3	1			0.050<		0.003	0.009	0.001 <			
81 03 25 1010			.3	1			0.050<		0.002	0.004	0.001			
81 04 01 1030			.3	1			0.050		0.008	0.007	0.001 <			
81 04 08 0945			.3	1			0.050		0.013	0.004	0.001 <			
81 04 15 1000			.3	1			0.050<		0.008	0.002	0.001 <			
81 04 21 1150			.3	1	146.000	0.005	0.050<	0.018	0.006	0.001<	0.001	0.008	0.042	
81 04 22 1000			.3	1			0.050<		0.006	0.001<	0.001			
81 04 24 1030			.3	1			0.050<		0.006	0.003	0.001 <			
81 04 27 0900			.3	1			0.050<		0.006	0.001	0.001 <			
81 05 04 1100			.3	1			0.050<		0.009	0.002	0.001			
1130			.3	1	149.000	0.001	0.050<	0.010	0.008	0.004	0.001	0.015		
81 05 13 0930			.3	1			0.050<		0.007	0.007	0.001 <			
81 05 19 1150			.3	1	123.000	0.001<	0.050<	0.007	0.003	0.001<	0.001 <	0.009	0.049	
1400			.3	1			0.050<		0.002	0.002	0.001 <			
81 05 25 0930			.3	1			0.005		0.004	0.005	0.001			
81 06 01 0930			.3	1			0.05 <		0.010	0.001<	0.001			
81 06 08 0950			.3	1			0.050<		0.006	0.005	0.001 <			
81 06 15 0935			.3	1			0.050<		0.005	0.001<	0.001 <			
1030			.3	1	121.000	0.004<	0.050<	0.014	0.001	0.001<	0.001 <	0.001<	0.044	
81 06 22 0942			.3	1			0.050		0.005	0.006	0.001			
81 06 29 0940			.3	1			0.050<		0.002	0.015	0.001			
81 07 06 0908			.3	1			0.070		0.005	0.005	0.001			
81 07 13 0913			.3	1			0.050<		0.006	0.009	0.001 <			
81 07 20 0900			.3	1			0.080		0.016	0.036	0.003			
81 07 27 0901			.3	1			0.050<		0.002	0.011	0.001			
81 08 04 1230			.3	1	207.000	0.001<	0.100	0.015	0.001	0.003	0.001	0.010	0.140	
1400			.3	1			0.050<		0.006	0.017	0.002			
81 08 10 0947			.3	1			0.050<		0.001<	0.001	0.001			
81 08 17 0945			.3	1			0.050		0.008	0.001<	0.001			
81 08 24 1205			.3	1	148	0.002	0.050<	0.059	0.004	0.001<	0.002	0.010	0.120	0.005
81 08 31 0850			.3	1			0.050<		0.009	0.001<	0.001			
81 09 08 0850			.3	1			0.050<		0.006	0.001<	0.001			
81 09 14 0905			.3	1			0.050<		0.017	0.001<	0.001 <			
1050			.3	1	229.000	0.001	0.05 <	0.050	0.006	0.001	0.001	0.016	0.31	
81 09 21 0850			.3	1			0.050<		0.002	0.001	0.001			
81 09 28 0910			.3	1			0.050<		0.010	0.001<	0.001			
81 10 05 0915			.3	1			0.050<		0.001<	0.001<	0.001			
81 10 13 0850			.3	1			0.050<		0.003	0.004	0.001			
0900			.3	1			0.050<		0.010	0.001	0.001			
81 10 19 0905			.3	1			0.050<		0.003	0.003	0.001			
1215			.3	1	148.000	0.001<	0.050<	0.024	0.008	0.003	0.001	0.009		
81 10 26 0915			.3	1			0.050<		0.007	0.001<	0.001			
81 11 02 0855			.3	1			0.050<		0.007	0.005	0.001			
81 11 09 0925			.3	1			0.050<		0.001<	1.900	0.001 <			
81 11 16 1010			.3	1	129.000	0.001<	0.050<	0.015	0.003	0.008	0.010	0.007	0.048	
81 11 23 0855			.3	1			0.050<		0.003	0.002	0.001 <			
81 11 30 0905			.3	1			0.050<		0.001<	0.170	0.001 <			
81 12 10 0950			.3	1			0.050<		0.006	0.006	0.001			
81 12 16 0815			.3	1	122.000	0.001	0.050<	0.005	0.004	0.001<	0.001	0.006	0.050	
81 12 23 0930			.3	1			0.050<		0.003	0.010	0.0005<			
81 12 30 0950			.3	1			0.050<		0.004	0.014	0.0005<			
MAXIMUM					**229.000**	**0.005**	**0.100**	**0.059**	**0.017**	**1.900**	**0.010**	**0.016**	**0.31**	**0.005**
ARITH MEAN					**147**	**0.002**	**0.057**	**0.019**	**0.006**	**0.053**	**0.001**	**0.009**	**0.08**	**0.005**
GEOM MEAN					**144**	**0.002**	**0.045**	**0.015**	**0.005**	**0.008**	**0.001**	**0.009**	**0.06**	
MINIMUM					**121.000**	**0.001**	**0.005**	**0.005**	**0.001**	**0.001**	**0.001**	**0.005**	**0.040**	**0.005**
STD DEV (GEOM *)					**33**	**0.002**	**0.028**	**0.017**	**0.004**	**0.286**	**0.001**	**0.003**	**0.08**	
# SAMPLES (IN STATISTICS)					**13**	**5**	**8**	**13**	**59**	**44**	**38**	**12**	**11**	**1**

(CONTD)

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **AT HIGHWAY NO 61B THUNDER BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02AB006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-001-02**
STORET CODE: **02 001 7920**

LAT: LONG: U T M: **16 0330550.0 5358500.0 4** REGION: **06** DISTANCE: **6.759**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L	PENTACHL PHENOL NG/L	2,4,5-T NG/L
TEST-NAME:				*COUT*	*CCNAUR*	*P1PCBT*	*X3PCPH*	*P3245T*
81 01 12 1445		.3	1			20<W		
81 01 13 0925		.3	1			20<W	50<W	50<W
81 01 21 1100		.3	1			20<W	50	50<W
81 02 03 0920		.3	1				50<W	50<W
81 02 18 0915		.3	1				60	50<W
81 02 25 0915		.3	1			20<W	50<W	50<W
81 03 10 0910		.3	1			20<W		
81 04 22 1000		.3	1			20<W	80	50<W
81 04 24 1030		.3	1			20<W	50<W	50<W
81 04 27 0900		.3	1				50<W	50<W
81 05 19 1150		.3	1		0 010<	20<W		
1400		.3	1			20<W	100	50<W
81 05 25 0930		.3	1			20<W		
81 06 01 0930		.3	1			20<W		
81 06 08 0950		.3	1			20<W	50<W	50<W
81 06 15 0935		.3	1			20<W	80	50<W
81 06 22 0942		.3	1			20<W	300	50<W
81 07 06 0908		.3	1			20<W	50<W	50<W
81 07 13 0913		.3	1					50<W
81 07 20 0900		.3	1			20<W	60	50<W
81 07 27 0901		.3	1			20<W		
81 08 04 1230		.3	1			20<W		
1400		.3	1			20<W		
81 08 10 0947		.3	1			20<W	50<W	50<W
81 08 17 0945		.3	1			20<W	50<W	50<W
81 08 24 1205		.3	1	0 008	0 010<	25		
81 08 31 0850		.3	1			66	50<W	50<W
81 09 08 0850		.3	1			20<W		
1050		.3	1	0 001<		20<W		
81 10 13 0850		.3	1			20<W	150	50<W
81 10 26 0915		.3	1			20<W	100	50<W
81 11 09 0925		.3	1			20<W	100	50<W
81 11 16 1010		.3	1	0 001<		20<W		
81 11 23 0855		.3	1			20<W	50<W	70
81 11 30 0905		.3	1			20<W	300	50<W
81 12 16 0815		.3	1	0 001<		20<W		
81 12 23 0930		.3	1			20<W	50<W	50<W
81 12 30 0950		.3	1			20<W		50<W
MAXIMUM				**0.008**			**300**	**70**
ARITH MEAN				**0.008**			**86<A**	**51<A**
GEOM MEAN							**71<A**	**51<A**
MINIMUM				**0.008**			**50**	**50**
STD DEV (GEOM *)							**72<A**	**4<A**
# SAMPLES (IN STATISTICS)				**1**			**23**	**25**

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **UPSTREAM OF HIGHWAY NO 61 BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-002-02**
STORET CODE: **02 001 7920**

LAT: LONG: U T M: **16 0329200.0 5357075.0 4** REGION: **06** DISTANCE: **8.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 12 1430		.3	1	20000	4	96	112	4	0 0	13 0	0 6	0 014	0 001<
81 02 09 1000		.3	1	20013		116	280	8	0 0	10 6	7 0	0 013	0 001
81 03 09 1320		.3	1	20040		36	84	4<	0 0	13 0	0 9	0 015	0 002
81 04 08 1130		.3	1	20040					3 0	12 8		0 130	
81 04 15 0930		.3	1	20043	3	260	510		1 0	13 5		0 064	
81 04 21 1140		.3	1	20046		112	240	12	5 0	11 8	0 8	0 031	0 008
81 05 19 1200		.3	1	20072		372C	1000	8	11 5	10 2	0 6	0 013	0 003
81 06 15 1045		.3	1	20095		500I	4100	56	15 0	9 6	0 4	0 022	0 007
81 08 04 1230		.3	1	20119		50I	910	32	28 0	8 6	0 5	0 012	0 003
81 08 24 1100		.3	1	20143		700I	4800	136	18 5	8 4	0 3	0 008	0 002
81 09 14 1100		.3	1	20167		310	1500	72	18 5	8 4	0 6	0 009	0 005
81 10 19 1230		.3	1	20191		170	2400	44	5 0	11 2	0 2	0 013	0 004
81 11 16 1000		.3	1	20206		190	390	24	5 0	12 5	0 3	0 010	0 003
81 12 16 1215		.3	1	20220	4	110	380	16	0 0	11 2	0 8	0 011	0 001
MAXIMUM						**700**	**4800**	**136**	**28.0**	**13.5**	**7.0**	**0.130**	**0.008**
ARITH MEAN						**232**	**1285**	**37**	**11.0**	**11.1**	**1.1**	**0.026**	**0.004**
GEOM MEAN						**168**	**641**	**23**	**7.6**	**10.9**	**0.6**	**0.017**	**0.003**
MINIMUM						**36**	**84**	**4**	**1.0**	**8.4**	**0.2**	**0.008**	**0.001**
STD DEV (GEOM *)						**2***	**4***	**3***	**8.8**	**1.8**	**1.9**	**0.033**	**0.002**
# SAMPLES (IN STATISTICS)						**13**	**13**	**11**	**10**	**14**	**12**	**14**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
	TEST-NAME:			NNHTFR	RST	RSP	COND25	TURB	CLIDUR	ACDT	ALKT	PH	FWPH
81 01 12 1430		.3	1		110.00	2.00	80.0	1.50	1.700	3.000	30.0	7.30	7.8
81 02 09 1000		.3	1		65.00	3.00	83.0	1.30	2.100		32.0	7.30	7.2
81 03 09 1320		.3	1		100.00	3.00	99.0	1.50	5.900		31.0	7.70	7.8
81 04 08 1130		.3	1	0.100		90.00	112.0	52.00					7.5
81 04 15 0930		.3	1	0.030		40.00	76.0						7.6
81 04 21 1140		.3	1		110.00	15.00	74.0	8.20	1.500		27.0	7.30	7.5
81 05 19 1200		.3	1		100.00	4.00	80.0	2.30	1.500		30.0	7.30	8.1
81 06 15 1045		.3	1		90.00	10.00	85.0	4.60	1.300		32.0	7.40	7.6
81 08 04 1230		.3	1		100.00	4.00	70.0	2.10	1.500		33.0	7.80	7.7
81 08 24 1100		.3	1		90	4	95	2.0	1.7		37	7.7	
81 09 14 1100		.3	1		80.00	2.00	90.0	2.00	1.600		34.0	7.70	7.4
81 10 19 1230		.3	1		120.00	4.00	136.0	5.30	3.300		53.0	7.90	7.6
81 11 16 1000		.3	1		90.00	2.00	76.0	2.00	1.300		31.0	7.30	8.1
81 12 16 1215		.3	1		60.00	2.00	80.0	1.80	1.300		30.0	7.40	7.3
	MAXIMUM			**0.100**	**120.00**	**90.00**	**136.0**	**52.00**	**5.900**	**3.000**	**53.0**	**7.90**	**8.1**
	ARITH MEAN			**0.065**	**92**	**13**	**88**	**6.6**	**2.0**	**3.000**	**33**	**7.5**	**7.8**
	GEOM MEAN			**0.055**	**91**	**5**	**86**	**3.0**	**1.8**		**32**	**7.5**	**7.6**
	MINIMUM			**0.030**	**60.00**	**2.00**	**70.0**	**1.30**	**1.300**	**3.000**	**27.0**	**7.30**	**7.2**
	STD DEV (GEOM *)			**0.049**	**17**	**24**	**17**	**13.7**	**1.3**		**6**	**0.2**	**0.3**
	# SAMPLES (IN STATISTICS)			**2**	**12**	**14**	**14**	**13**	**12**	**1**	**12**	**12**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
	TEST-NAME:			FEUT	HARDT	COLAP	ASUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT
81 01 12 1430		.3	1	0.400	36.000	70.000		0.003	0.005			0.008	0.009
81 02 09 1000		.3	1	0.350	35.000	72.000	0.001<	0.001<	0.004	0.009	0.001<	0.009	0.013
81 03 09 1320		.3	1	0.400	36.000	68.000			0.010			0.008	0.014
81 04 08 1130		.3	1	2.000					0.009	0.003	0.001<	0.016	0.076
81 04 15 0930		.3	1	1.300					0.005	0.001	0.001<	0.004	0.044
81 04 21 1140		.3	1	1.500	34.000	133.000			0.004			0.005	0.026
81 05 19 1200		.3	1	0.430	33.000	78.000	0.001<	0.001	0.001	0.001<	0.001	0.006	0.016
81 06 15 1045		.3	1	0.820	38.000	103.000			0.001<			0.001<	0.024
81 08 04 1230		.3	1	0.760	41.000	63.000			0.002			0.047	0.034
81 08 24 1100		.3	1	0.250	41	65	0.002	0.001<	0.001	0.001	0.001<	0.004	0.060
81 09 14 1100		.3	1	0.250	41.000	66.000			0.001			0.001	0.018
81 10 19 1230		.3	1	0.620	63.000	76.000	0.001<	0.001	0.002	0.002	0.001	0.002	0.039
81 11 16 1000		.3	1	0.280	38.000	78.000			0.001<			0.002	0.012
81 12 16 1215		.3	1	0.210	36.000	71.000			0.006			0.004	0.009
	MAXIMUM			**2.000**	**63.000**	**133.000**	**0.002**	**0.003**	**0.010**	**0.009**	**0.001**	**0.047**	**0.076**
	ARITH MEAN			**0.684**	**39**	**78**	**0.002**	**0.002**	**0.004**	**0.003**	**0.001**	**0.009**	**0.028**
	GEOM MEAN			**0.529**	**38**	**76**		**0.001**	**0.003**	**0.002**	**0.001**	**0.005**	**0.022**
	MINIMUM			**0.210**	**33.000**	**63.000**	**0.002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.009**
	STD DEV (GEOM *)			**0.548**	**7**	**20**		**0.001**	**0.003**	**0.003**	**0.000**	**0.012**	**0.020**
	# SAMPLES (IN STATISTICS)			**14**	**12**	**12**	**1**	**3**	**12**	**5**	**2**	**13**	**14**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L	PENTACHL PHENOL NG/L	2,4,5-T NG/L
	TEST-NAME:			NIUT	COUT	CCNAUR	P1PCBT	X3PCPH	P3245T
81 02 09 1000		.3	1	0.001<	0.001<	0.010<			
81 04 08 1130		.3	1	0.006					
81 04 15 0930		.3	1	0.002			20<W	100<W	50<W
81 05 19 1200		.3	1	0.001<	0.001	0.010<			
81 08 24 1100		.3	1	0.002	0.001<	0.010<			
81 10 19 1230		.3	1	0.006	0.001	0.010<			
	MAXIMUM			**0.006**	**0.001**			**100**	**50**
	ARITH MEAN			**0.004**	**0.001**			**100<A**	**50<A**
	GEOM MEAN			**0.003**	**0.001**				
	MINIMUM			**0.002**	**0.001**			**100**	**50**
	STD DEV (GEOM *)			**0.002**	**0.000**				
	# SAMPLES (IN STATISTICS)			**4**	**2**			**1**	**1**

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **MIDDLE OF TURNING BASIN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-003-02**
STORET CODE: **02 001 7920**

LAT: LONG: U T M: **16 0329475.0 5357050.0 4** REGION: **06** DISTANCE: **8.047**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	RESIDUE TOTAL MG/L
	TEST-NAME:			SAMPLE	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	RST
81 05 19 1155		.3	1	20071	83000	11000	2600	14.0	9.8	6.5	0.030	0.008	150.00
81 06 15 1035		.3	1	20096	470000	30000I	9000I	15.0	9.6	5.3	0.033	0.007	140.00
81 08 04 1225		.3	1	20120	34000	11000	4000I	26.0	1.2	32.0	0.072	0.015	340.00
81 08 24 1210		.3	1	20144	890000	20000I	10000<	24.0	1.5	32	0.072	0.015	360
81 09 14 1055		.3	1	20168	59000C	550000	13000	21.0	1.6	20.0	0.120	0.013	340.00
81 10 19 1120		.3	1	20192	130000	41000	11000	9.0	8.2	19.0	0.057	0.009	250.00
	MAXIMUM				**890000**	**550000**	**13000**	**26.0**	**9.8**	**32.0**	**0.120**	**0.015**	**360**
	ARITH MEAN				**277667**	**110500**	**7920**	**18.2**	**5.3**	**19**	**0.064**	**0.011**	**263**
	GEOM MEAN				**144369**	**34331**	**6688**	**17.1**	**3.6**	**15**	**0.057**	**0.011**	**245**
	MINIMUM				**34000**	**11000**	**2600**	**9.0**	**1.2**	**5.3**	**0.030**	**0.007**	**140.00**
	STD DEV (GEOM *)				**4***	**4***	**2***	**6.6**	**4.3**	**11~**	**0.033**	**0.004**	**99**
	# SAMPLES (IN STATISTICS)				**6**	**6**	**5**	**6**	**6**	**6**	**6**	**6**	**6**

(CONTD)

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **MIDDLE OF TURNING BASIN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-003-02**
STORET CODE: **02 001 7920**

LAT: LONG: U.T.M: **16 0329475.0 5357050.0 4** REGION: **06** DISTANCE: **8.047**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 19 1155	3	1		8.00	132.0	3.50	8.400	34.0	7.40	7.9	39.000	127.000
81 06 15 1035	3	1		20.00	119.0	6.10	6.000	33.0	7.20	7.6	42.000	119.000
81 08 04 1225	3	1		10.00	325.0	5.90	48.000	36.0	6.70	6.8	49.000	224.000
81 08 24 1210	3	1		20	385	14	37	43	6.8		57	164
81 09 14 1055	3	1		40.00	335.0	18.00	35.000	39.0	6.70	6.5	51.000	221.000
81 10 19 1120	3	1		10.00	260.0	9.00	19.000	58.0	7.30	7.2	66.000	143.000
MAXIMUM				**40.00**	**385**	**18.00**	**48.000**	**58.0**	**7.40**	**7.9**	**66.000**	**224.000**
ARITH MEAN				**18**	**259**	**9**	**25**	**40**	**7.0**	**7.2**	**50**	**166**
GEOM MEAN				**15**	**235**	**8**	**19**	**39**	**7.0**	**7.2**	**49**	**161**
MINIMUM				**8.00**	**119.0**	**3.50**	**6.000**	**33.0**	**6.70**	**6.5**	**39.000**	**119.000**
STD DEV (GEOM *)				**12**	**111**	**5**	**16**	**9**	**0.3**	**0.6**	**9**	**46**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**6**	**5**	**6**	**6**

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **NEAR MOUTH THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-004-02**
STORET CODE: **02 001 7920**

LAT: LONG: U.T.M: **16 0335750.0 5362100.0 4** REGION: **06**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1030	3	1		20006	4	410	1080	100	0.0	12.5	1.0	0.021	0.001<
81 02 09 1400	3	1		20019		340	560	10I	0.0	11.8	0.6	0.015	0.001
81 03 09 1135	3	1		20032		32	184	4	0.0	12.8	0.8	0.014	0.001<
81 04 21 1350	3	1		20052		11000	7800	800I	7.0	10.0	4.0	0.130	0.015
81 05 19 1050	3	1		20078		51000	19000	6300	11.5	5.2	3.6	0.076	0.005
81 06 15 1000	3	1		20102		280000	30000I	1000I	15.0	4.8	3.4	0.071	0.012
81 08 04 1150	3	1		20126		51000	22000	1100	22.0	0.3	8.4	0.064	0.009
81 08 24 1135	3	1		20150		320000	480000	110000	18.0	4.4	0.2	0.006	0.003
81 09 14 1040	3	1		20170		1100	4000	450	19.0	8.2	0.6	0.019	0.004
81 10 19 1305	3	1		20194		110	720	10I	6.0	10.7	0.2	0.017	0.005
81 11 16 1040	3	1		20208		300000	700000	19000	5.0	10.2	1.7	0.140	0.057
81 12 16 1025	3	1		20222		31000	48000	13000	1.0	8.4	7.0	0.100	0.003
MAXIMUM						**320000**	**700000**	**110000**	**22.0**	**12.8**	**8.4**	**0.140**	**0.057**
ARITH MEAN						**87166**	**109445**	**12648**	**11.6**	**8.3**	**2.6**	**0.056**	**0.011**
GEOM MEAN						**6958**	**9447**	**611**	**8.7**	**6.4**	**1.4**	**0.036**	**0.006**
MINIMUM						**32**	**184**	**4**	**1.0**	**0.3**	**0.2**	**0.006**	**0.001**
STD DEV (GEOM *)						**27***	**14***	**26***	**7.3**	**3.9**	**2.7**	**0.048**	**0.017**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**9**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 12 1030	3	1									110.00	2.00	121.0
81 02 09 1400	3	1									85.00	2.00	128.0
81 03 09 1135	3	1									60.00	1.00	104.0
81 04 21 1350	3	1		0.070	1.100	0.008	0.010<	0.088	1.030	1.118	170.00	15.00	122.0
81 05 19 1050	3	1									130.00	10.00	142.0
81 06 15 1000	3	1									120.00	15.00	125.0
81 08 04 1150	3	1									170.00	9.00	175.0
81 08 24 1135	3	1									60.00	1.00	108.0
81 09 14 1040	3	1									60.00	4.00	106.0
81 10 19 1305	3	1									80.00	7.00	123.0
81 11 16 1040	3	1									120.00	9.00	138.0
81 12 16 1025	3	1									140.00	6.00	175.0
MAXIMUM				**0.070**	**1.100**	**0.008**					**170.00**	**15.00**	**175.0**
ARITH MEAN				**0.070**	**1.100**	**0.008**					**108.75**	**6.75**	**130.6**
GEOM MEAN											**101.70**	**4.72**	**128.8**
MINIMUM				**0.070**	**1.100**	**0.008**					**60.00**	**1.00**	**104.0**
STD DEV (GEOM *)											**40.12**	**5.01**	**23.8**
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**					**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 01 12 1030	3	1		3.30	1.700	5.400			45.0	7.30	7.2	0.150	46.000
81 02 09 1400	3	1		1.40	3.700	5.700			51.0	7.30	7.7	0.200	53.000
81 03 09 1135	3	1		0.55	2.300		1.200	3.000	44.0	7.50	7.5	0.100	46.000
81 04 21 1350	3	1		18.00	7.100			7.000	32.0	6.90	7.4	2.100	42.000
81 05 19 1050	3	1		4.40	8.500	13.000			37.0	6.70	7.2	0.730	45.000
81 06 15 1000	3	1		6.50	6.800			12.000	35.0	6.70	7.2	1.100	41.000
81 08 04 1150	3	1		5.40	18.500			13.000	39.0	6.70	6.8	1.200	44.000
81 08 24 1135	3	1		0.35	1.900	3.000			42.0	8.20		0.330	45.000
81 09 14 1040	3	1		2.00	2.700				44.0	7.60	7.0		48.000
81 10 19 1305	3	1		6.90	4.400				44.0	7.60	7.7	0.440	47.000
81 11 16 1040	3	1		5.30	7.600				48.0	7.10	6.9	0.620	51.000
81 12 16 1025	3	1		4.40	13.000				41.0	7.00	7.0	0.320	48.000
MAXIMUM				**18.00**	**18.500**	**13.000**	**1.200**	**13.000**	**51.0**	**8.20**	**7.7**	**2.100**	**53.000**
ARITH MEAN				**4.87**	**6.517**	**6.775**	**1.200**	**8.750**	**41.8**	**7.22**	**7.2**	**0.663**	**46.333**
GEOM MEAN				**3.10**	**5.001**	**5.886**		**7.565**	**41.5**	**7.20**	**7.2**	**0.455**	**46.219**
MINIMUM				**0.35**	**1.700**	**3.000**	**1.200**	**3.000**	**32.0**	**6.70**	**6.8**	**0.100**	**41.000**
STD DEV (GEOM *)				**4.69**	**5.049**	**4.322**		**4.646**	**5.4**	**0.46**	**0.3**	**0.602**	**3.420**
# SAMPLES (IN STATISTICS)				**12**	**12**	**4**	**1**	**4**	**12**	**12**	**11**	**11**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
81 01 12 1030		.3	1			16.000				0.001	0.013		
81 02 09 1400		.3	1			19.000			0.001<	0.003	0.006	0.007	0.001<
81 03 09 1135		.3	1	14.000	3.000	8.000	0.70	2.200					
81 04 21 1350		.3	1			161.000				0.011	0.008		
81 05 19 1050		.3	1			95.000			0.001	0.012	0.008	0.008	0.001<
81 06 15 1000		.3	1			110.000			0.004<	0.009	0.003	0.005	0.001<
81 08 04 1150		.3	1			115.000				0.012	0.002		
81 08 24 1135		.3	1			10.000			0.002	0.009	0.003	0.001<	0.001
81 09 14 1040		.3	1			17.000							
81 10 19 1305		.3	1			19.000			0.001<	0.001<	0.001<	0.003	0.001<
81 11 16 1040		.3	1			29.000					0.006		
81 12 16 1025		.3	1			90.000					0.007		
	MAXIMUM			**14.000**	**3.000**	**161.000**	**0.70**	**2.200**	**0.002**	**0.012**	**0.013**	**0.008**	**0.001**
	ARITH MEAN			**14.000**	**3.000**	**57.417**	**0.70**	**2.200**	**0.001**	**0.008**	**0.006**	**0.006**	**0.001**
	GEOM MEAN					**35.471**			**0.001**	**0.006**	**0.005**	**0.005**	
	MINIMUM			**14.000**	**3.000**	**8.000**	**0.70**	**2.200**	**0.001**	**0.001**	**0.002**	**0.003**	**0.001**
	STD DEV (GEOM *)					**53.157**			**0.001**	**0.004**	**0.003**	**0.002**	
	# SAMPLES (IN STATISTICS)			**1**	**1**	**12**	**1**	**1**	**2**	**7**	**9**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 12 1030		.3	1	0.018	0.008			
81 02 09 1400		.3	1	0.007	0.013	0.001<	0.001<	0.010<
81 03 09 1135		.3	1		0.052			
81 04 21 1350		.3	1	0.011	0.059			
81 05 19 1050		.3	1	0.001	0.050	0.005	0.004	
81 06 15 1000		.3	1	0.006	0.052	0.004	0.001<	
81 08 04 1150		.3	1	0.009	0.092			
81 08 24 1135		.3	1	0.010	0.040	0.008	0.001<	
81 10 19 1305		.3	1	0.003	0.016	0.001<	0.001	0.010<
81 11 16 1040		.3	1	0.008	0.028			
81 12 16 1025		.3	1	0.005	0.039			
	MAXIMUM			**0.018**	**0.092**	**0.008**	**0.004**	
	ARITH MEAN			**0.008**	**0.041**	**0.006**	**0.002**	
	GEOM MEAN			**0.006**	**0.033**	**0.005**	**0.002**	
	MINIMUM			**0.001**	**0.008**	**0.004**	**0.001**	
	STD DEV (GEOM *)			**0.005**	**0.024**	**0.002**	**0.002**	
	# SAMPLES (IN STATISTICS)			**10**	**11**	**3**	**2**	

B.O.W. / SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **AT MISSION RIVER JUNCTION**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-005-02**
STORET CODE: **02 001 7920**

LAT: LONG: U T M: **16 0333300.0 5359525.0 4** REGION: **06** DISTANCE: **4.023**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1510		.3	1	20002	4	6600	20000	1300	0.0	10.5	12.0	0.037	0.005
81 02 09 1040		.3	1	20015	4	18000	6000I	11000	0.0	10.8	11.0	0.040	0.005
81 03 09 1410		.3	1	20028		250000	40000I	10000	0.0	11.4	6.8	0.046	0.006
81 04 21 1415		.3	1	20048	4	28000	14000	400I	7.0	11.5	4.0	0.063	0.009
81 05 19 1120		.3	1	20074		33000	7000I	1200	12.0	9.2	5.6	0.029	0.007
81 06 15 1020		.3	1	20098		880000	40000I	6000I	15.0	9.1	5.8	0.029	0.007
81 08 04 1215		.3	1	20122		190000	20000I	1100	24.0	0.1	24.0	0.080	0.014
81 08 24 1200		.3	1	20146		690000	220000	15000C	20.0	0.4	9.8	0.11	0.004
81 09 14 1040		.3	1	20169		103000	30000	39000	19.0	0.1	16.0	0.099	0.015
81 10 19 1200		.3	1	20193		61000	14000	13000	8.0	5.2	20.0	0.071	0.010
81 11 16 1615		.3	1	20207		16000	9000I	1700	5.0	11.0	17.0	0.036	0.004
81 12 16 0915		.3	1	20221	4	580000	10000I	10000I	3.0	12.2	16.0	0.036	0.004
	MAXIMUM					**880000**	**220000**	**39000**	**24.0**	**12.2**	**24.0**	**0.11**	**0.015**
	ARITH MEAN					**237967**	**35833**	**9142**	**12.6**	**7.6**	**12.3**	**0.05**	**0.007**
	GEOM MEAN					**86867**	**19556**	**4439**	**10.4**	**3.5**	**10.8**	**0.05**	**0.007**
	MINIMUM					**6600**	**6000**	**400**	**3.0**	**0.1**	**4.0**	**0.029**	**0.004**
	STD DEV (GEOM *)					**5***	**3***	**4***	**7.4**	**4.8**	**6.3**	**0.02**	**0.004**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**9**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 01 12 1510		.3	1	200.00	6.00	155.0	1.20	13.000	6.000	34.0	7.00	7.3	0.550
81 02 09 1040		.3	1	155.00	4.00	165.0	3.50	11.000		41.0	7.20	7.4	0.450
81 03 09 1410		.3	1	170.00	4.00	175.0	2.80	14.000		39.0	7.30	7.6	0.450
81 04 21 1415		.3	1	140.00	15.00	111.0	9.50	6.200		29.0	7.20	7.4	1.500
81 05 19 1120		.3	1	130.00	8.00	125.0	4.50	7.800		33.0	7.10	7.6	0.740
81 06 15 1020		.3	1	140.00	10.00	122.0	6.50	7.100		34.0	7.20	7.4	0.930
81 08 04 1215		.3	1	270.00	20.00	260.0	8.10	31.000		35.0	6.60	6.7	1.800
81 08 24 1200		.3	1	320	20	250	8.9	21		44	6.6	6.2	0.950
81 09 14 1040		.3	1	290.00	20.00	320.0	9.50	32.000		49.0	6.70	6.5	0.180
81 10 19 1200		.3	1	270.00	20.00	275.0	9.00	22.000		57.0	7.00	6.9	1.100
81 11 16 1615		.3	1	190.00	6.00	170.0	4.90	14.000		35.0	6.90	6.7	0.350
81 12 16 0915		.3	1	170.00	4.00	170.0	4.70	14.000		34.0	7.20	7.2	0.400
	MAXIMUM			**320**	**20.00**	**320.0**	**9.50**	**32.000**	**6.000**	**57.0**	**7.30**	**7.6**	**1.800**
	ARITH MEAN			**203**	**11**	**191**	**6.0**	**16**	**6.000**	**38**	**7.0**	**7.1**	**0.783**
	GEOM MEAN			**194**	**9**	**181**	**5.2**	**14**		**38**	**7.0**	**7.1**	**0.648**
	MINIMUM			**130.00**	**4.00**	**111.0**	**1.20**	**6.200**	**6.000**	**29.0**	**6.60**	**6.2**	**0.180**
	STD DEV (GEOM *)			**66**	**7**	**67**	**2.8**	**8**		**7**	**0.2**	**0.5**	**0.493**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**1**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **KAMINISTIQUIA RIVER**
SAMPLE POINT: **AT MISSION RIVER JUNCTION**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **KAMINISTIQUIA RIVER**

STATION ID: **01-0108-005-02**
STORET CODE: **02 001 7920**

LAT: LONG: U.T.M.: **16 0333300.0 5359525.0 4** REGION: **06.** DISTANCE: **4.023**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1510	.3	1	42.000	118.000		0.012	0.007				0.018	0.048	
81 02 09 1040	.3	1	44.000	123.000	0.001<	0.007	0.008	0.013	0.001<		0.012	0.044	0.001<
81 03 09 1410	.3	1	42.000	127.000			0.006				0.009	0.050	
81 04 21 1415	.3	1	35.000	148.000			0.005				0.008	0.045	
81 05 19 1120	.3	1	43.000	120.000	0.001	0.004	0.004	0.001	0.001<		0.008	0.048	0.001
81 06 15 1020	.3	1	38.000	124.000			0.002				0.001<	0.047	
81 08 04 1215	.3	1	44.000	171.000			0.002				0.008	0.130	
81 08 24 1200	.3	1	44	148	0.002	0.040	0.004	0.001<	0.001		0.011	0.096	0.010
81 09 14 1040	.3	1	52.000	202.000			0.004				0.011	0.130	
81 10 19 1200	.3	1	64.000	160.000	0.001<	0.033	0.006	0.002	0.002		0.011	0.079	0.008
81 11 16 1615	.3	1	42.000	131.000			0.001				0.005	0.049	
81 12 16 0915	.3	1	38.000	128.000			0.008				0.007	0.056	
MAXIMUM			**64.000**	**202.000**	**0.002**	**0.040**	**0.008**	**0.013**	**0.002**		**0.018**	**0.130**	**0.010**
ARITH MEAN			**44**	**141**	**0.001**	**0.019**	**0.005**	**0.005**	**0.001**		**0.010**	**0.068**	**0.006**
GEOM MEAN			**43**	**139**	**0.001**	**0.013**	**0.004**	**0.003**	**0.001**		**0.009**	**0.063**	**0.004**
MINIMUM			**35.000**	**118.000**	**0.001**	**0.004**	**0.001**	**0.001**	**0.001**		**0.005**	**0.044**	**0.001**
STD DEV (GEOM *)			**7**	**25**	**0.001**	**0.016**	**0.002**	**0.007**	**0.001**		**0.003**	**0.033**	**0.005**
# SAMPLES (IN STATISTICS)			**12**	**12**	**2**	**5**	**12**	**3**	**2**		**11**	**12**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 02 09 1040	.3	1		0.001<	0.010<
81 05 19 1120	.3	1		0.001<	0.010<
81 08 24 1200	.3	1		0.001	0.010<
81 10 19 1200	.3	1		0.001<	0.010<
MAXIMUM				**0.001**	
ARITH MEAN				**0.001**	
GEOM MEAN					
MINIMUM				**0.001**	
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	

B.O.W./ SITE: **MC KELLAR RIVER**
SAMPLE POINT: **AT 104TH AVE THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC KELLAR RIVER**

STATION ID: **01-0109-001-02**
STORET CODE: **02 001 7930**

LAT: LONG: U.T.M.: **16 0334100.0 5360425.0 4** REGION: **06** DISTANCE: **2.414**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 13 1030	.3	1	20003	4	7200	4800	1800	0.0	9.5	6.5	0.053	0.003	
81 02 09 1140	.3	1	20016	4	80000	7000I	18000	0.0	11.6	6.7	0.052	0.003	
81 03 09 1500	.3	1	20029		2000I	1000<	30I	0.0	12.5	1.2	0.025	0.001	
81 04 21 1430	.3	1	20049		79000	30000	2900	6.0	10.4	6.0	0.086	0.009	
81 05 19 1115	.3	1	20075		40000	10000	1800	11.5	7.4	6.0	0.046	0.006	
81 06 15 1015	.3	1	20099		930000	40000I	7000I	15.0	8.0	5.0	0.074	0.010	
81 08 04 1200	.3	1	20123		150000	140000	3000I	23.0	0.3	13	0.072	0.010	
81 08 24 1140	.3	1	20147		410000	360000	56000C	20.0	0.4	7.8	0.15	0.005	
81 09 14 1120	.3	1	20172		130000	300000	56000	17.5	0.4	2.6	0.150	0.047	
81 10 19 1245	.3	1	20196		11000	20000	3200	8.0	8.4	0.5	0.044	0.018	
81 11 16 1030	.3	1	20210		12000	41000	2100	4.5	9.2	1.1	0.092	0.039	
81 12 16 1005	.3	1	20224		9000I	28000	800I	0.5	8.4	2.4	0.057	0.006	
MAXIMUM					**930000**	**360000**	**56000**	**23.0**	**12.5**	**13**	**0.150**	**0.047**	
ARITH MEAN					**155017**	**89164**	**12719**	**11.8**	**7.2**	**4**	**0.07**	**0.013**	
GEOM MEAN					**42228**	**36202**	**3320**	**8.1**	**4.2**	**3**	**0.06**	**0.008**	
MINIMUM					**2000**	**4800**	**30**	**0.5**	**0.3**	**0.5**	**0.025**	**0.001**	
STD DEV (GEOM *)					**6***	**4***	**7***	**7.6**	**4.4**	**3**	**0.04**	**0.015**	
# SAMPLES (IN STATISTICS)					**12**	**11**	**12**	**9**	**12**	**12**	**12**	**12**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1030	.3	1	160.00	7.00	155.0	3.30	12.000	7.000	37.0	6.80	7.0	0.450	
81 02 09 1140	.3	1	110.00	4.00	150.0	3.10	9.500		42.0	7.20	7.7	0.350	
81 03 09 1500	.3	1	70.00	1.00	115.0	0.65	3.500	4.000	46.0	7.20	7.4	0.150	
81 04 21 1430	.3	1	160.00	20.00	117.0	12.00	6.600	5.000	30.0	6.90	7.3	1.700	
81 05 19 1115	.3	1	140.00	10.00	140.0	4.50	8.600		34.0	6.80	7.35	0.760	
81 06 15 1015	.3	1	140.00	20.00	126.0	8.90	7.000	8.000	35.0	7.00	7.3	1.400	
81 08 04 1200	.3	1	210.00	15.00	215.0	6.20	22.000	15.000	37.0	6.70	6.8	1.500	
81 08 24 1140	.3	1	200	10	230	6.2	19		45	6.6		0.510	
81 09 14 1120	.3	1	100.00	7.00	155.0	4.20	8.100		49.0	7.00	6.6	0.440	
81 10 19 1245	.3	1	70.00	6.00	146.0	8.40	8.300		48.0	7.60	7.4	0.570	
81 11 16 1030	.3	1	100.00	8.00	140.0	6.10	8.400		47.0	7.00	6.8	0.540	
81 12 16 1005	.3	1	90.00	6.00	152.0	4.10	9.400		47.0	7.20	6.9	0.360	
MAXIMUM			**210.00**	**20.00**	**230**	**12.00**	**22.000**	**15.000**	**49.0**	**7.60**	**7.7**	**1.700**	
ARITH MEAN			**129**	**9**	**153**	**5.6**	**10**	**7.800**	**41**	**7.0**	**7.1**	**0.727**	
GEOM MEAN			**121**	**7**	**150**	**4.6**	**9**	**6.999**	**40**	**7.0**	**7.1**	**0.585**	
MINIMUM			**70.00**	**1.00**	**115.0**	**0.65**	**3.500**	**4.000**	**30.0**	**6.6**	**6.6**	**0.150**	
STD DEV (GEOM *)			**46**	**5**	**35**	**3.0**	**5**	**4.324**	**6**	**0.2**	**0.3**	**0.511**	
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**5**	**12**	**12**	**11**	**12**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		HARDT		COLAP	ASUT	CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	
81 01 13 1030	.3	1	44.000	102.000		0.007	0.004			0.005	0.036		
81 02 09 1140	.3	1	46.000	94.000		0.009	0.006	0.006	0.001<	0.001	0.032	0.001<	
81 03 09 1500	.3	1	48.000	19.000			0.024			0.005	0.012		
81 04 21 1430	.3	1	39.000	156.000			0.006			0.009	0.051		
81 05 19 1115	.3	1	41.000	107.000		0.015	0.004	0.003	0.001<	0.006	0.049	0.002	
81 06 15 1015	.3	1	40.000	120.000			0.002			0.001	0.049		
81 08 04 1200	.3	1	44.000	132.000			0.002			0.008	0.110		
81 08 24 1140	.3	1	53	86	0.002	0.025	0.002	0.001	0.001	0.008	0.071	0.006	
81 09 14 1120	.3	1	51.000	48.000			0.004			0.007	0.047		
81 10 19 1245	.3	1	53.000	25.000	0.001<	0.001<	0.001<	0.003	0.001<	0.004	0.024	0.001	
81 11 16 1030	.3	1	51.000	31.000			0.001<			0.006	0.026		
81 12 16 1005	.3	1	56.000	28.000			0.004			0.004	0.023		
MAXIMUM			**56.000**	**156.000**	**0.002**	**0.025**	**0.024**	**0.006**	**0.001**	**0.009**	**0.110**	**0.006**	
ARITH MEAN			**47**	**79**	**0.002**	**0.014**	**0.006**	**0.003**	**0.001**	**0.005**	**0.044**	**0.003**	
GEOM MEAN			**46**	**63**		**0.012**	**0.004**	**0.003**		**0.004**	**0.038**	**0.002**	
MINIMUM			**39.000**	**19.000**	**0.002**	**0.007**	**0.002**	**0.001**	**0.001**	**0.001**	**0.012**	**0.001**	
STD DEV (GEOM *)			**5**	**47**		**0.008**	**0.007**	**0.002**		**0.003**	**0.026**	**0.003**	
# SAMPLES (IN STATISTICS)			**12**	**12**	**1**	**4**	**10**	**4**	**1**	**12**	**12**	**3**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:		COUT		CCNAUR	
81 02 09 1140	.3	1	0.001		
81 05 19 1115	.3	1	0.001<		
81 08 24 1140	.3	1	0.001	0.010<	
81 10 19 1245	.3	1	0.002		
MAXIMUM			**0.002**		
ARITH MEAN			**0.001**		
GEOM MEAN			**0.001**		
MINIMUM			**0.001**		
STD DEV (GEOM *)			**0.001**		
# SAMPLES (IN STATISTICS)			**3**		

B.O.W./ SITE: **MC KELLAR RIVER**
SAMPLE POINT: **NEAR MOUTH CITY OF THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC KELLAR RIVER**

STATION ID: **01-0109-002-02**
STORET CODE: **02 001 7930**

LAT: LONG: U.T.M: **16 0335150.0 5360425.0 4** REGION: **06** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:		SAMPLE		FWSTRC		TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 01 13 0950	.3	1	20004	4		100	256	12	0.0	12.0	1.2	0.016	0.001<
81 02 09 1120	.3	1	20017	4		560	160	20	0.0	12.4	1.1	0.015	0.001<
81 03 09 1420	.3	1	20030			92	8	16	0.0	12.9	1.2	0.022	0.001<
81 04 21 1500	.3	1	20050			4600	12500	600>	7.0	9.6	3.2	0.140	0.013
81 05 19 1110	.3	1	20076			45000	12000	7800	11.0	4.4	3.9	0.080	0.006
81 06 15 1010	.3	1	20100			118000	16000		14.0	3.8	2.5	0.072	0.017
81 08 04 1205	.3	1	20124			30000	11000	1300	21.0	1.0	4.8	0.042	0.007
81 08 24 1145	.3	1	20148			19000	18000	1200	17.5	7.0	0.5	0.036	0.007
81 09 14 1115	.3	1	20173			60000	180000	31000	17.0	1.5	3.4	0.110	0.012
81 10 19 1250	.3	1	20197			15000	51000	2200	7.5	5.2	1.0	0.084	0.028
81 11 16 1035	.3	1	20211			2100	4300	100I	5.0	11.8	0.4	0.026	0.004
81 12 16 0945	.3	1	20225			6000I	59000	910	1.0	9.8	3.9	0.081	0.003
MAXIMUM						**118000**	**180000**	**31000**	**21.0**	**12.9**	**4.8**	**0.140**	**0.028**
ARITH MEAN						**25038**	**30352**	**4456**	**11.2**	**7.6**	**2.3**	**0.060**	**0.011**
GEOM MEAN						**5527**	**5168**	**443**	**8.6**	**5.9**	**1.7**	**0.047**	**0.009**
MINIMUM						**92**	**8**	**12**	**1.0**	**1.0**	**0.4**	**0.015**	**0.003**
STD DEV (GEOM *)						**11***	**18***	**15***	**6.6**	**4.4**	**1.5**	**0.040**	**0.008**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**9**	**12**	**12**	**12**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE
TEST-NAME:		RST		RSP	COND25	TURB	CLIDUR	ACDT	ALKT	PH	FWPH	FEUT	
81 01 13 0950	.3	1	110.00	2.00	119.0	0.80	3.000	4.000	46.0	7.20	7.0	0.100	
81 02 09 1120	.3	1	65.00	2.00	116.0	0.50	2.600		49.0	7.60	7.7	0.050	
81 03 09 1420	.3	1	70.00	4.00	96.0	1.10	2.600	2.000	37.0	7.40	7.4	0.200	
81 04 21 1500	.3	1	220.00	65.00	138.0	27.00	9.200	7.000	36.0	6.90	7.2	4.500	
81 05 19 1110	.3	1	140.00	10.00	143.0	4.40	8.600		37.0	6.60	7.0	0.780	
81 06 15 1010	.3	1	120.00	10.00	127.0	6.00	6.600	11.000	38.0	6.80	7.2	0.900	
81 08 04 1205	.3	1	140.00	8.00	170.0	4.40	13.000	11.000	39.0	6.80	6.9	1.200	
81 08 24 1145	.3	1	90	9	131	2.3	5.0		43	7.2		0.350	
81 09 14 1115	.3	1	140.00	10.00	180.0	5.00	11.000		49.0	6.90	6.4	0.480	
81 10 19 1250	.3	1	100.00	9.00	160.0	6.50	8.900		50.0	7.20	7.2	0.340	
81 11 16 1035	.3	1	80.00	4.00	110.0	2.40	3.400		44.0	7.30	7.0	0.220	
81 12 16 0945	.3	1	95.00	6.00	160.0	4.20	9.800		47.0	7.10	6.8	0.330	
MAXIMUM			**220.00**	**65.00**	**180.0**	**27.00**	**13.000**	**11.000**	**50.0**	**7.60**	**7.7**	**4.500**	
ARITH MEAN			**114**	**11**	**137**	**5.3**	**6.9**	**7.000**	**42**	**7.0**	**7.1**	**0.787**	
GEOM MEAN			**107**	**7**	**135**	**3.1**	**6.0**	**5.837**	**42**	**7.0**	**7.1**	**0.398**	
MINIMUM			**65.00**	**2.00**	**96.0**	**0.50**	**2.600**	**2.000**	**36.0**	**6.60**	**6.4**	**0.050**	
STD DEV (GEOM *)			**42**	**17**	**25**	**7.1**	**3.6**	**4.062**	**5**	**0.2**	**0.3**	**1.219**	
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**5**	**12**	**12**	**11**	**12**	

(CONTD)

B.O.W./ SITE: **MC KELLAR RIVER**
SAMPLE POINT: **NEAR MOUTH CITY OF THUNDER BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MC KELLAR RIVER**

STATION ID: **01-0109-002-02**
STORET CODE: **02 001 7930**

LAT: LONG: U.T.M: **16 0335150.0 5360425.0 4** REGION: **06** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 13 0950		.3	1	48.000	14.000		0.001	0.007			0.004	0.007	
81 02 09 1120		.3	1	48.000	14.000	0.001<	0.003	0.002	0.001<	0.001<	0.005	0.005	0.001<
81 03 09 1420		.3	1	40.000	13.000			0.011			0.011	0.013	
81 04 21 1500		.3	1	50.000	163.000			0.009			0.018	0.081	
81 05 19 1110		.3	1	45.000	100.000	0.001	0.013	0.002	0.001<	0.001<	0.006	0.051	0.004
81 06 15 1010		.3	1	42.000	97.000			0.001			0.002	0.044	
81 08 04 1205		.3	1	44.000	82.000			0.004			0.005	0.066	
81 08 24 1145		.3	1	49	31	0.002	0.004	0.002	0.002	0.001<	0.005	0.033	0.005
81 09 14 1115		.3	1	53.000	78.000			0.006			0.007	0.067	
81 10 19 1250		.3	1	53.000	35.000	0.001<	0.032	0.003	0.002	0.002	0.003	0.037	0.007
81 11 16 1035		.3	1	46.000	19.000			0.001<			0.002	0.011	
81 12 16 0945		.3	1	56.000	33.000			0.004			0.005	0.024	
MAXIMUM				**56.000**	**163.000**	**0.002**	**0.032**	**0.011**	**0.002**	**0.002**	**0.018**	**0.081**	**0.007**
ARITH MEAN				**47**	**56**	**0.001**	**0.011**	**0.005**	**0.002**	**0.002**	**0.006**	**0.037**	**0.005**
GEOM MEAN				**47**	**40**	**0.001**	**0.005**	**0.004**	**0.002**		**0.005**	**0.026**	**0.005**
MINIMUM				**40.000**	**13.000**	**0.001**	**0.001**	**0.001**	**0.002**	**0.002**	**0.002**	**0.005**	**0.004**
STD DEV (GEOM *)				**4**	**47**	**0.001**	**0.013**	**0.003**	**0.000**		**0.004**	**0.026**	**0.002**
# SAMPLES (IN STATISTICS)				**12**	**12**	**2**	**5**	**11**	**2**	**1**	**12**	**12**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 02 09 1120		.3	1	0.003	0.010<
81 05 19 1110		.3	1	0.001	0.010<
81 08 24 1145		.3	1	0.001<	0.010<
81 10 19 1250		.3	1	0.001<	0.010<
MAXIMUM				**0.003**	
ARITH MEAN				**0.002**	
GEOM MEAN				**0.002**	
MINIMUM				**0.001**	
STD DEV (GEOM *)				**0.001**	
# SAMPLES (IN STATISTICS)				**2**	

B.O.W./ SITE: **MISSION RIVER**
SAMPLE POINT: **NEAR MOUTH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **MISSION RIVER**

STATION ID: **01-0110-001-02**
STORET CODE: **02 001 7940**

LAT: LONG: U.T.M: **16 0334950.0 5358400.0 4** REGION: **06** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 13 1000		.3	1	20005	4	7100	6100	600I	0.0	11.5	5.0	0.038	0.005
81 02 09 1100		.3	1	20018	4	210000	420000	35000	0.0	12.0	9.2	0.035	0.005
81 03 09 1440		.3	1	20031		300000	110000	14000	0.0	12.1	6.6	0.044	0.001<
81 04 21 1440		.3	1	20051		35000	14000	2400C	7.0	10.0	4.0	0.038	0.012
81 05 19 1135		.3	1	20077		59000	7000I	2000I	13.0	8.4	5.1	0.032	0.007
81 06 15 1100		.3	1	20101		1100000	30000I	2000C	15.0	8.8	5.0	0.030	0.007
81 08 04 1305		.3	1	20125		91000	20000	3000I	23.0	0.2	13.0	0.068	0.012
81 08 24 1250		.3	1	20149		480000	120000	6000I	19.0	0.4	5.0	0.064	0.003
81 09 14 1033		.3	1	20174		90000I	50000	35000	19.0	0.6	11.0	0.130	0.015
81 10 19 1155		.3	1	20198		46000	200000	3400	8.0	7.0	4.9	0.081	0.005
81 11 16 1022		.3	1	20212		14000	9000I	3300	5.0	10.6	18.0	0.046	0.007
81 12 16 0930		.3	1	20226	4	131000	8000I	2000I	2.0	11.6	14.0	0.034	0.003
MAXIMUM						**1100000**	**420000**	**35000**	**23.0**	**12.1**	**18.0**	**0.130**	**0.015**
ARITH MEAN						**213592**	**82842**	**9058**	**12.3**	**7.8**	**8.4**	**0.053**	**0.007**
GEOM MEAN						**91334**	**32583**	**4299**	**9.9**	**4.4**	**7.4**	**0.048**	**0.006**
MINIMUM						**7100**	**6100**	**600**	**2.0**	**0.2**	**4.0**	**0.030**	**0.003**
STD DEV (GEOM *)						**4***	**4***	**3***	**7.2**	**4.7**	**4.6**	**0.029**	**0.004**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**9**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1000		.3	1	160.00	5.00	160.0	3.50	11.000	6.000	35.0	7.10	7.1	0.500
81 02 09 1100		.3	1	145.00	3.00	160.0	3.40	10.000		37.0	7.30	7.6	0.500
81 03 09 1440		.3	1	170.00	2.00	170.0	2.60	14.000	6.000	37.0	7.40	7.2	0.850
81 04 21 1440		.3	1	130.00	15.00	112.0	14.00	6.900	4.000	29.0	7.00	7.5	1.500
81 05 19 1135		.3	1	150.00	8.00	140.0	4.50	8.500		33.0	7.00	7.5	0.660
81 06 15 1100		.3	1	130.00	10.00	122.0	6.50	7.000	4.000	34.0	7.20	7.4	0.900
81 08 04 1305		.3	1	200.00	20.00	225.0	7.50	22.600	14.000	36.0	6.60	6.6	1.700
81 08 24 1250		.3	1	200	15	215	5.3	16		44	6.8		0.610
81 09 14 1033		.3	1	240.00	20.00	265.0	8.20	24.000		50.0	6.70	6.4	0.300
81 10 19 1155		.3	1	140.00	10.00	195.0	7.00	12.000		51.0	7.00	7.3	0.790
81 11 16 1022		.3	1	180.00	4.00	170.0	6.00	13.000		35.0	6.80	6.7	0.630
81 12 16 0930		.3	1	170.00	5.00	180.0	4.30	15.000		37.0	7.00	7.1	0.380
MAXIMUM				**240.00**	**20.00**	**265.0**	**14.00**	**24.000**	**14.000**	**51.0**	**7.40**	**7.6**	**1.700**
ARITH MEAN				**167**	**9**	**176**	**6.0**	**13**	**6.800**	**38**	**6.9**	**7.1**	**0.777**
GEOM MEAN				**165**	**7**	**171**	**5.4**	**12**	**6.044**	**37**	**6.9**	**7.1**	**0.687**
MINIMUM				**130.00**	**2.00**	**112.0**	**2.60**	**6.900**	**4.000**	**29.0**	**6.60**	**6.4**	**0.300**
STD DEV (GEOM *)				**32**	**6**	**43**	**3.0**	**5**	**4.147**	**6**	**0.2**	**0.4**	**0.426**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**5**	**12**	**12**	**11**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 13 1000		.3	1	42.000	123.000		0.008	0.012			0.017	0.050	
81 02 09 1100		.3	1	44.000	121.000	0.001<	0.014	0.008	0.005	0.001<	0.010	0.043	0.001<
81 03 09 1440		.3	1	42.000	129.000			0.003			0.009	0.052	
81 04 21 1440		.3	1	37.000	149.000			0.005			0.007	0.046	
81 05 19 1135		.3	1	41.000	103.000	0.001	0.016	0.002	0.001	0.001<	0.007	0.047	0.004
81 06 15 1100		.3	1	38.000	123.000			0.002			0.001<	0.049	
81 08 04 1305		.3	1	44.000	142.000			0.005			0.013	0.120	
81 08 24 1250		.3	1	54	84	0.002	0.024	0.005	0.001<	0.001	0.007	0.071	0.006
81 09 14 1033		.3	1	53.000	171.000			0.006			0.007	0.120	
81 10 19 1155		.3	1	56.000	67.000	0.001<	0.033	0.004	0.003	0.002	0.007	0.052	0.004
81 11 16 1022		.3	1	44.000	140.000			0.001<			0.008	0.052	
81 12 16 0930		.3	1	48.000	126.000			0.003			0.007	0.063	
MAXIMUM				**56.000**	**171.000**	**0.002**	**0.033**	**0.012**	**0.005**	**0.002**	**0.017**	**0.120**	**0.006**
ARITH MEAN				**45**	**123**	**0.001**	**0.019**	**0.005**	**0.003**	**0.001**	**0.009**	**0.064**	**0.005**
GEOM MEAN				**44**	**119**	**0.001**	**0.017**	**0.004**	**0.002**	**0.001**	**0.009**	**0.060**	**0.005**
MINIMUM				**37.000**	**67.000**	**0.001**	**0.008**	**0.002**	**0.001**	**0.001**	**0.007**	**0.043**	**0.004**
STD DEV (GEOM *)				**6**	**28**	**0.001**	**0.010**	**0.003**	**0.002**	**0.001**	**0.003**	**0.027**	**0.001**
# SAMPLES (IN STATISTICS)				**12**	**12**	**2**	**5**	**11**	**3**	**2**	**11**	**12**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 02 09 1100		.3	1	0.002	0.010<
81 05 19 1135		.3	1	0.001	0.010<
81 08 24 1250		.3	1	0.001	0.010<
81 10 19 1155		.3	1	0.001<	0.010<
MAXIMUM				**0.002**	
ARITH MEAN				**0.001**	
GEOM MEAN				**0.001**	
MINIMUM				**0.001**	
STD DEV (GEOM *)				**0.001**	
# SAMPLES (IN STATISTICS)				**3**	

B.O.W./ SITE: **POTTAWATOMI RIVER**
SAMPLE POINT: **AT 14TH STREET BRIDGE OWEN SOUND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **POTTAWATOMI RIVER**

STATION ID: **03-0015-002-02**
STORET CODE: **02 002 2040**

LAT: LONG: U T M: **17 0503200.0 4935400.0 4** REGION: **01** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1535		.3	1	40001	4	620	900	4	4	4<	0.0	16.7	
81 02 03 1435		.3	1	40009	4	260	1520	20	148	4<	0.5	13.2	0.4
81 03 02 1450		.3	1	40021	6	290	910	12	24	4<	2.0	7.6	0.6
81 04 06 1424		.3	1	40037	6	310	1570	48	32	4<	9.5	14.8	0.5
81 05 05 1605		.3	1	40053	6	1500C	33000	68	36	4	13.2	9.8	1.8
81 06 01 1505		.3	1	40069	6	520C	2800	44	12	4<	18.0	12.2	1.3
81 07 07 1507		.3	1	40085	6	320C	9600	36	28	4<	23.5	11.2	1.1
81 08 04 1522		.3	1	40103	6	6000	24000	184	152	4<	20.8	9.4	0.6
81 09 14 1610		.3	1	40116	6	1800	10000	96	48	4<	18.0	5.9	0.8
81 10 05 1405		.3	1	40132	6	1290C	6200	24	12	4<	12.0	10.4	0.6
81 11 02 1600		.3	1	40148	6	700C	2600	88	20	4<	9.0	11.5	1.0
81 12 07 1610		.3	1	40164	6	268	1320	192	40	4	2.9	12.3	0.5
MAXIMUM						**6000**	**33000**	**192**	**152**	**4**	**23.5**	**16.7**	**1.8**
ARITH MEAN						**1156**	**7868**	**68**	**46**	**4**	**11.8**	**11.2**	**0.8**
GEOM MEAN						**678**	**3793**	**43**	**29**	**4**	**7.8**	**10.9**	**0.8**
MINIMUM						**260**	**900**	**4**	**4**	**4**	**0.5**	**5.9**	**0.4**
STD DEV (GEOM *)						**3***	**3***	**3***	**3***	**0***	**7.8**	**3.0**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**12**	**2**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1535		.3	1	0.024	0.005	0.025	0.530	0.005	1.120	1.150	0.505	1.655	401.20
81 02 03 1435		.3	1	0.019	0.007	0.040	0.580	0.007	1.170	1.217	0.540	1.757	336.60
81 03 02 1450		.3	1	0.029	0.006	0.020	0.440	0.006	0.900	0.926	0.420	1.346	240.90
81 04 06 1424		.3	1	0.025	0.004	0.010	0.540	0.004	0.630	0.644	0.530	1.174	268.40
81 05 05 1605		.3	1	0.128		0.150	1.300	0.011	0.840	1.001	1.150	2.151	328.20
81 06 01 1505		.3	1	0.016	0.001	0.010	0.570	0.005	0.780	0.795	0.560	1.355	301.20
81 07 07 1507		.3	1	0.023	0.003	0.010	0.670	0.005	0.540	0.555	0.660	1.215	345.40
81 08 04 1522		.3	1	0.017	0.002	0.005	0.440	0.003	0.880	0.888	0.435	1.323	339.40
81 09 14 1610		.3	1	0.026	0.010	0.005	0.760	0.003	0.680	0.688	0.755	1.443	340.80
81 10 05 1405		.3	1	0.013	0.003	0.005<	0.620	0.002	0.770	0.777	0.615	1.392	368.60
81 11 02 1600		.3	1	0.012	0.001	0.005<	0.590	0.003	0.940	0.948	0.585	1.533	354.20
81 12 07 1610		.3	1	0.020	0.004	0.005<	0.510	0.004	0.980	0.989	0.505	1.494	300.80
MAXIMUM				**0.128**	**0.010**	**0.150**	**1.300**	**0.011**	**1.170**	**1.217**	**1.150**	**2.151**	**401.20**
ARITH MEAN				**0.029**	**0.004**	**0.031**	**0.629**	**0.005**	**0.852**	**0.881**	**0.605**	**1.486**	**327.14**
GEOM MEAN				**0.023**	**0.003**	**0.016**	**0.602**	**0.004**	**0.833**	**0.860**	**0.583**	**1.467**	**324.32**
MINIMUM				**0.012**	**0.001**	**0.005**	**0.440**	**0.002**	**0.540**	**0.555**	**0.420**	**1.174**	**240.90**
STD DEV (GEOM *)				**0.032**	**0.003**	**0.046**	**0.230**	**0.002**	**0.188**	**0.199**	**0.195**	**0.268**	**43.64**
# SAMPLES (IN STATISTICS)				**12**	**11**	**9**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **POTTAWATOMI RIVER**
SAMPLE POINT: **AT 14TH STREET BRIDGE OWEN SOUND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **POTTAWATOMI RIVER**

STATION ID: **03-0015-002-02**
STORET CODE: **02 002 2040**

LAT: LONG: U.T.M: **17 0503200.0 4935400.0 4** REGION: **01** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*SIO3UR*	*ACDT*	*ALKT*	*PH*
81 01 06 1535	.3	1		11.20	390.00	540.0	2.30	13.500	12.000	3.180	29.100	268.0	7.94
81 02 03 1435	.3	1		38.30	298.30	570.0	4.50	16.500	13.500	3.300	23.300	278.0	8.22
81 03 02 1450	.3	1		12.20		387.0	7.50	10.000	7.500	2.380	7.800	186.0	8.08
81 04 06 1424	.3	1		11.90	256.50	415.0	4.00	10.500	27.000	1.120	3.900	201.0	8.21
81 05 05 1605	.3	1		38.00	290.20	491.0	26.00	15.500	10.000	0.860	0.000	252.0	8.31
81 06 01 1505	.3	1		6.40	294.80	507.0	3.80	16.000	11.000	0.580	0.000	259.0	8.65
81 07 07 1507	.3	1		2.60	342.90	483.0	2.70	15.500	12.000	1.800	0.000	249.0	8.75
81 08 04 1522	.3	1		3.00	336.40	525.0	2.60	19.500	17.000	1.640	0.000	243.0	8.51
81 09 14 1610	.3	1		2.50	338.30	510.0	1.20	14.000	13.000	2.700	0.000	264.0	8.63
81 10 05 1405	.3	1		5.60	363.00	565.0	0.95	16.500	18.000	2.520	0.000	276.0	8.62
81 11 02 1600	.3	1		2.40	351.80	560.0	1.40	14.000	15.000	1.980	0.000	284.0	8.52
81 12 07 1610	.3	1		6.00	294.80	479.0	3.30	17.500	12.000	2.640	2.000	229.0	8.27
MAXIMUM				**38.30**	**390.00**	**570.0**	**26.00**	**19.500**	**27.000**	**3.300**	**29.100**	**284.0**	**8.75**
ARITH MEAN				**11.67**	**323.36**	**502.7**	**5.02**	**14.917**	**14.000**	**2.058**	**13.220**	**249.1**	**8.39**
GEOM MEAN				**7.32**	**321.17**	**499.5**	**3.20**	**14.668**	**13.313**	**1.836**	**8.377**	**247.2**	**8.39**
MINIMUM				**2.40**	**256.50**	**387.0**	**0.95**	**10.000**	**7.500**	**0.580**	**2.000**	**186.0**	**7.94**
STD DEV (GEOM *)				**12.89**	**39.28**	**57.1**	**6.84**	**2.729**	**5.005**	**0.885**	**12.206**	**30.4**	**0.26**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**12**	**5**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*
81 01 06 1535	.3	1		1.000<	0.310	286.000	74.500	24.200	42.000	1.70	6.600	
81 02 03 1435	.3	1		1.000<	0.330	295.000	78.000	24.200	68.000	2.45	8.600	26
81 03 02 1450	.3	1		1.000<	0.580	200.000	54.000	15.800	48.000	1.65	5.000	24
81 04 06 1424	.3	1		1.000<	0.420	221.000	58.500	18.200	67.000	1.80	5.400	34
81 05 05 1605	.3	1		1.000<	2.100	267.000	70.000	22.400	64.000	1.75	8.500	
81 06 01 1505	.3	1		1.000<	0.220	276.000	71.000	24.000	57.000	1.45	8.300	34
81 07 07 1507	.3	1		1.000<	0.210	267.000	67.000	24.200	68.000	1.70	8.900	96
81 08 04 1522	.3	1		1.000<	0.120	263.000	64.000	25.000	32.000	2.20	10.600	13
81 09 14 1610	.3	1		1.000<	0.260	274.000	72.000	22.800	97.000	2.20	8.300	37
81 10 05 1405	.3	1		1.000<	0.150	311.000	83.000	25.200	55.000	2.20	8.900	34
81 11 02 1600	.3	1		1.000<	0.180	308.000	81.500	25.200	57.000	1.85	7.800	25
81 12 07 1610	.3	1		1.000<	0.380	257.000	67.000	21.800	44.000	1.60	9.700	25
MAXIMUM					**2.100**	**311.000**	**83.000**	**25.200**	**97.000**	**2.45**	**10.600**	**96**
ARITH MEAN					**0.438**	**268.750**	**70.042**	**22.750**	**58.250**	**1.88**	**8.050**	**35**
GEOM MEAN					**0.310**	**266.813**	**69.530**	**22.550**	**56.118**	**1.86**	**7.876**	**31**
MINIMUM					**0.120**	**200.000**	**54.000**	**15.800**	**32.000**	**1.45**	**5.000**	**13**
STD DEV (GEOM *)					**0.539**	**32.440**	**8.701**	**2.938**	**16.723**	**0.31**	**1.646**	**23**
# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**12**	**12**	**12**	**12**	**10**

B.O.W./ SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT CONCESSION 18 ABOVE INGLIS FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02FB007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **03-0016-003-02**
STORET CODE: **02 002 2050**

LAT: LONG: U.T.M: **17 0505450.0 4929700.0 4** REGION: **01** DISTANCE: **7.403**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1610	.3	1		40002	6	1.620	308	760	4	4<	4<	0.0	11.8
81 02 03 1530	.3	1		40010	4	1.300	60I	490	4<	12	4<	0.0	9.8
81 03 02 1528	.3	1		40022	6	8.840	10<	340	4<	4<	4<	1.5	8.2
81 04 06 1515	.3	1		40038	6	4.690	16C	1240	4<	4	4<	8.0	14.5
81 05 06 0815	.3	1		40054	6	2.150	188C	1320	60	8	4<	7.0	
81 07 08 0822	.3	1		40086	6	1.730	520C	6100	112	40	4<	22.0	9.8
81 08 05 0805	.3	1		40104	6	0.800	1500	19000	108	58	4<	19.0	6.5
81 09 15	.3	1		40117	6	1.120	1900	10000	100	60	4<	13.8	8.1
81 10 05 1140	.3	1		40133	6	1.760	420C	6000	64	148	4<	8.5	9.4
81 11 02	.3	1		40149	6	1.740	100	2600	16	4	4<	8.0	10.0
81 12 07 1640	.3	1		40165	6	3.450	32	640	16	16	4<	1.0	11.8
MAXIMUM						**8.840**	**1900**	**19000**	**112**	**148**		**22.0**	**14.5**
ARITH MEAN						**2.655**	**504**	**4408**	**60**	**39**		**9.9**	**10.0**
GEOM MEAN						**2.075**	**202**	**2029**	**38**	**20**		**6.8**	**9.8**
MINIMUM						**0.800**	**16**	**340**	**4**	**4**		**1.0**	**6.5**
STD DEV (GEOM *)						**2.334**	**5***	**4***	**3***	**4***		**7.2**	**2.3**
# SAMPLES (IN STATISTICS)						**11**	**10**	**11**	**8**	**9**		**9**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 06 1610		.3	1	0.1	0.013	0.002	0.020	0.340	0.004	0.800	0.824	0.320	1.144
81 02 03 1530		.3	1	0.2	0.013	0.005	0.020	0.360	0.004	0.810	0.834	0.340	1.174
81 03 02 1528		.3	1	0.6	0.012	0.003	0.005	0.270	0.003	0.830	0.838	0.265	1.103
81 04 06 1515		.3	1	0.5	0.023	0.001	0.005	0.370	0.003	0.430	0.438	0.365	0.803
81 05 06 0815		.3	1	0.3	0.022	0.004	0.035	0.420	0.007	0.660	0.702	0.385	1.087
81 07 08 0822		.3	1	0.8	0.032	0.006	0.025	0.550	0.007	0.290	0.322	0.525	0.847
81 08 05 0805		.3	1	0.7	0.230	0.225	0.050	0.490	0.009	0.450	0.509	0.440	0.949
81 09 15		.3	1	0.6	0.019	0.007	0.025	0.350	0.006	0.520	0.551	0.325	0.876
81 10 05 1140		.3	1	0.7	0.012	0.001	0.005<	0.400	0.002	0.390	0.397	0.395	0.792
81 11 02		.3	1	0.6	0.009	0.003	0.005	0.270	0.003	0.600	0.608	0.265	0.873
81 12 07 1640		.3	1	0.5	0.008	0.002	0.005	0.260	0.002	0.670	0.677	0.255	0.932
	MAXIMUM			**0.8**	**0.230**	**0.225**	**0.050**	**0.550**	**0.009**	**0.830**	**0.838**	**0.525**	**1.174**
	ARITH MEAN			**0.5**	**0.036**	**0.024**	**0.019**	**0.371**	**0.005**	**0.586**	**0.609**	**0.353**	**0.962**
	GEOM MEAN			**0.4**	**0.019**	**0.004**	**0.014**	**0.361**	**0.004**	**0.558**	**0.582**	**0.346**	**0.953**
	MINIMUM			**0.1**	**0.008**	**0.001**	**0.005**	**0.260**	**0.002**	**0.290**	**0.322**	**0.255**	**0.792**
	STD DEV (GEOM *)			**0.2**	**0.065**	**0.067**	**0.015**	**0.091**	**0.002**	**0.185**	**0.182**	**0.082**	**0.140**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3
81 01 06 1610		.3	1	309.50	5.00	304.50	520.0	0.55	9.000	11.000	3.100	31.000	266.0
81 02 03 1530		.3	1	324.00	11.50	312.50	510.0	1.10	9.000	11.000	2.920	23.700	260.0
81 03 02 1528		.3	1	243.20	5.50	237.70	412.0	1.20	7.000	9.500	2.200	7.800	202.0
81 04 06 1515		.3	1	290.80	17.60	273.20	450.0	0.75	7.500	9.000	0.760	11.600	229.0
81 05 06 0815		.3	1	279.60	8.00	271.60	484.0	2.30	8.000	9.000	1.240	2.800	254.0
81 07 08 0822		.3	1	325.40	5.20	320.20	478.0	3.00	7.500	8.000	3.200	5.600	252.0
81 08 05 0805		.3	1	325.70	5.30	320.40	488.0	2.80	9.000	12.000	2.560	1.900	251.0
81 09 15		.3	1	310.20	4.60	305.60	494.0	2.20	8.500	10.000	2.700	2.000	271.0
81 10 05 1140		.3	1	321.60	2.80	318.80	515.0	0.80	9.500	14.000	3.000	0.000	256.0
81 11 02		.3	1	301.80	1.20	300.60	520.0	0.85	9.000	11.500	2.180	0.000	266.0
81 12 07 1640		.3	1	282.40	1.80	280.60	478.0	0.55	8.500	11.500	2.400	9.800	247.0
	MAXIMUM			**325.70**	**17.60**	**320.40**	**520.0**	**3.00**	**9.500**	**14.000**	**3.200**	**31.000**	**271.0**
	ARITH MEAN			**301.29**	**6.23**	**295.06**	**486.3**	**1.46**	**8.409**	**10.591**	**2.387**	**10.689**	**250.4**
	GEOM MEAN			**300.24**	**4.84**	**293.93**	**485.2**	**1.22**	**8.373**	**10.469**	**2.222**	**6.970**	**249.6**
	MINIMUM			**243.20**	**1.20**	**237.70**	**412.0**	**0.55**	**7.000**	**8.000**	**0.760**	**1.900**	**202.0**
	STD DEV (GEOM *)			**25.62**	**4.73**	**26.27**	**32.7**	**0.93**	**0.801**	**1.700**	**0.774**	**10.202**	**19.7**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 01 06 1610		.3	1	7.78	1.000<	0.100	280.000	68.000	26.600	19.000	1.20	4.600	
81 02 03 1530		.3	1	8.12	1.000<	0.110	275.000	67.000	26.200	16.000	1.20	5.400	16
81 03 02 1528		.3	1	8.02	1.000<	0.100	213.000	54.500	18.600	21.000	1.10	3.900	15
81 04 06 1515		.3	1	8.07	1.000<	0.100	242.000	60.000	22.400	26.000	1.10	4.100	15
81 05 06 0815		.3	1	8.06	1.000<	0.210	271.000	66.500	25.400	40.000	1.00	4.500	
81 07 08 0822		.3	1	7.99	1.000<	0.300	268.000	66.500	24.600	50.000	1.05	4.800	14
81 08 05 0805		.3	1	8.11	1.000<	0.210	268.000	64.500	26.000	31.000	1.25	5.300	9
81 09 15		.3	1	8.21	1.000<	0.200	275.000	66.000	26.800	32.000	1.40	5.600	15
81 10 05 1140		.3	1	8.30	1.000<	0.120	281.000	70.000	25.800	32.000	1.40	5.300	20
81 11 02		.3	1	8.31	1.000<	0.120	282.000	70.000	26.000	27.000	1.10	5.000	11
81 12 07 1640		.3	1	8.04	1.000<	0.150	261.000	65.000	23.600	23.000	1.10	4.300	77
	MAXIMUM			**8.31**		**0.300**	**282.000**	**70.000**	**26.800**	**50.000**	**1.40**	**5.600**	**77**
	ARITH MEAN			**8.09**		**0.156**	**265.091**	**65.273**	**24.727**	**28.818**	**1.17**	**4.800**	**21**
	GEOM MEAN			**8.09**		**0.146**	**264.288**	**65.122**	**24.605**	**27.403**	**1.17**	**4.769**	**17**
	MINIMUM			**7.78**		**0.100**	**213.000**	**54.500**	**18.600**	**16.000**	**1.00**	**3.900**	**9**
	STD DEV (GEOM *)			**0.15**		**0.065**	**20.671**	**4.508**	**2.430**	**9.827**	**0.13**	**0.567**	**21**
	# SAMPLES (IN STATISTICS)			**11**		**11**	**11**	**11**	**11**	**11**	**11**	**11**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 06 1610		3	1		0.002	0.003<		0.007	0.002 <
81 02 03 1530		3	1		0.003	0.003<		0.010	0.002
81 03 02 1528		3	1		0.001	0.003<		0.008	0.002 <
81 04 06 1515		3	1		0.001	0.003		0.001	0.002
81 05 06 0815		3	1		0.001<	0.003<		0.001<	0.002 <
81 07 08 0822		3	1		0.110	0.003		0.005	0.002 <
81 08 05 0805		3	1		0.008	0.005<		0.030<	0.025 <
81 09 15		3	1	0.0040	0.006	0.003<	0.0001<	0.001	0.0010<
81 10 05 1140		3	1		0.017	0.005<		0.030<	0.025 <
81 11 02		3	1		0.004	0.006		0.003	0.0010<
81 12 07 1640		3	1		0.017	0.005		0.008	0.002
	MAXIMUM			**0.0040**	**0.110**	**0.006**		**0.010**	**0.002**
	ARITH MEAN			**0.0040**	**0.017**	**0.004**		**0.005**	**0.002**
	GEOM MEAN				**0.008**	**0.004**		**0.004**	**0.002**
	MINIMUM			**0.0040**	**0.001**	**0.003**		**0.001**	**0.002**
	STD DEV (GEOM *)				**0.033**	**0.001**		**0.003**	**0.000**
	# SAMPLES (IN STATISTICS)			**1**	**10**	**4**		**8**	**3**

B.O.W./ SITE: **TELFER CREEK**
SAMPLE POINT: **AT THOMPSON MEMORIAL FOOTBRIDGE LEITH**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FB101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **TELFER CREEK**

STATION ID: **03-0017-002-02**
STORET CODE: **02 002 2060**

LAT: LONG: U.T.M: **17 0509900.0 4940875.0 4** REGION: **01** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 07 0940	.3	1		40003	4	370	1100	92	84	4<	0.0	15.8	0.8
81 02 04 0919	.3	1		40011	4	120	700	40	352	4<	0.0	14.2	0.8
81 02 26 1235	.3	1		41004	3	1900	200	840	240	4<	2.0	4.6	
81 03 03 0920	.3	1		40023	6	130	620	24	20	4<	0.0	3.5	0.3
81 04 07 0826	.3	1		40039	6	140	400	56	8	4<	4.0	15.2	0.3
81 05 06 0835	.3	1		40055	6	800I	8500	188	84	4<	6.0		1.0
81 06 02 0900	.3	1		40071	6	350	1800	210	64	4<	13.2	8.0	1.1
81 07 08 0903	.3	1		40087	6	900C	5300	288	88	4<	21.8	6.9	0.8
81 08 04 1450	.3	1		40102	6	340C	3200	240	44	4<	21.8	7.3	0.5
81 09 15	.3	1		40118	6	620C	3600	112	56	4<	14.0	9.7	0.5
81 10 05	.3	1		40134	6	560C	3700	44	96	4<	10.0	11.0	0.5
81 11 03	.3	1		40150	6	460C	3200	256	52	4<	5.2	11.0	1.2
81 12 08 0910	.3	1		40166	6	1600C	3100	600>	600>	4<	2.2	11.8	0.8
MAXIMUM						**1900**	**8500**	**840**	**352**		**21.8**	**15.8**	**1.2**
ARITH MEAN						**638**	**2725**	**199**	**99**		**10.0**	**9.9**	**0.7**
GEOM MEAN						**453**	**1737**	**125**	**66**		**7.4**	**9.1**	**0.7**
MINIMUM						**120**	**200**	**24**	**8**		**2.0**	**3.5**	**0.3**
STD DEV (GEOM *)						**2***	**3***	**3***	**3***		**7.5**	**4.0**	**0.3**
# SAMPLES (IN STATISTICS)						**13**	**13**	**12**	**12**		**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 0940	.3	1		0.016	0.006	0.025	0.280	0.003	1.030	1.058	0.255	1.313	280.7
81 02 04 0919	.3	1		0.019	0.007	0.025	0.350	0.004	1.020	1.049	0.325	1.374	332.8
81 02 26 1235	.3	1		0.027	0.006	0.005	0.310	0.004	1.350	1.359	0.305	1.664	
81 03 03 0920	.3	1		0.021	0.004	0.005	0.280	0.003	1.450	1.458	0.275	1.733	285.1
81 04 07 0826	.3	1		0.019	0.002	0.005	0.290	0.003	0.890	0.898	0.285	1.183	299.2
81 05 06 0835	.3	1		0.023	0.002	0.025	0.300	0.005	0.600	0.630	0.275	0.905	356.4
81 06 02 0900	.3	1		0.036	0.001	0.035	0.370	0.005	0.500	0.540	0.335	0.875	262.8
81 07 08 0903	.3	1		0.030	0.004	0.050	0.460	0.010	0.310	0.370	0.410	0.780	267.8
81 08 04 1450	.3	1		0.022	0.004	0.025	0.290	0.004	0.180	0.209	0.265	0.474	209.4
81 09 15	.3	1		0.011	0.002	0.005	0.290	0.002	0.230	0.237	0.285	0.522	295.00
81 10 05	.3	1		0.008	0.001<	0.005<	0.300	0.001	0.320	0.326	0.295	0.621	329.50
81 11 03	.3	1		0.007	0.002	0.005	0.220	0.003	0.730	0.738	0.215	0.953	303.80
81 12 08 0910	.3	1		0.028	0.008	0.010	0.400	0.002	1.290	1.302	0.390	1.692	331.20
MAXIMUM				**0.036**	**0.008**	**0.050**	**0.460**	**0.010**	**1.450**	**1.458**	**0.410**	**1.733**	**356.4**
ARITH MEAN				**0.021**	**0.004**	**0.018**	**0.318**	**0.004**	**0.762**	**0.783**	**0.301**	**1.084**	**296.1**
GEOM MEAN				**0.019**	**0.003**	**0.013**	**0.313**	**0.003**	**0.623**	**0.652**	**0.297**	**0.995**	**293.5**
MINIMUM				**0.007**	**0.001**	**0.005**	**0.220**	**0.001**	**0.180**	**0.209**	**0.215**	**0.474**	**209.4**
STD DEV (GEOM *)				**0.009**	**0.002**	**0.015**	**0.062**	**0.002**	**0.444**	**0.439**	**0.053**	**0.444**	**39.5**
# SAMPLES (IN STATISTICS)				**13**	**12**	**12**	**13**	**13**	**13**	**13**	**13**	**13**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*SIO3UR*	*ACDT*	*ALKT*	*PH*
81 01 07 0940	.3	1		10.9	269.8	550.0	2.10	9.500				288.0	7.82
81 02 04 0919	.3	1		20.8	312.0	590.0	2.10	12.500				298.0	8.03
81 02 26 1235	.3	1		16.60	243.60	418.0	7.50					202.0	8.14
81 03 03 0920	.3	1		12.4	272.7	456.0	5.10	10.500				217.0	8.0
81 04 07 0826	.3	1		15.0	284.2	477.0	4.30	9.500				240.0	8.27
81 05 06 0835	.3	1		14.2	342.2	488.0	3.90	10.000				254.0	8.22
81 06 02 0900	.3	1		7.0	255.8	462.0	1.70	9.500					8.15
81 07 08 0903	.3	1		10.0	257.8	439.0	5.50	10.000					8.17
81 08 04 1450	.3	1		4.1	208.000	320.0	3.40	8.000				147.0	8.24
81 09 15	.3	1		2.80	292.20	520.0	2.00	18.000	16.000	1.120	0.000	249.0	8.37
81 10 05	.3	1		1.50	328.00	530.0	0.80	17.000	20.500	1.960	0.000	253.0	8.53
81 11 03	.3	1		5.10	298.70	540.0	1.40	13.500	18.000	0.860	0.000	264.0	8.30
81 12 08 0910	.3	1		9.30	321.90	550.0	3.70	16.000	20.500	1.820	2.900	263.0	8.24
MAXIMUM				**20.8**	**342.2**	**590.0**	**7.50**	**18.000**	**20.500**	**1.960**	**2.900**	**298.0**	**8.53**
ARITH MEAN				**9.9**	**283.6**	**487.7**	**3.35**	**12.000**	**18.750**	**1.440**	**2.900**	**243.2**	**8.1**
GEOM MEAN				**8.0**	**281.2**	**482.3**	**2.83**	**11.602**	**18.652**	**1.361**		**239.3**	**8.1**
MINIMUM				**1.50**	**208.000**	**320.0**	**0.80**	**8.000**	**16.000**	**0.860**	**2.900**	**147.0**	**7.82**
STD DEV (GEOM *)				**5.7**	**37.6**	**71.3**	**1.92**	**3.364**	**2.179**	**0.533**		**42.1**	**0.1**
# SAMPLES (IN STATISTICS)				**13**	**13**	**13**	**13**	**12**	**4**	**4**	**1**	**11**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*ASUT*
81 01 07 0940	.3	1		1.000<									0.001<
81 02 04 0919	.3	1		1.000<									0.001<
81 02 26 1235	.3	1			0.470								0.001<
81 03 03 0920	.3	1		1.000<	0.440								
81 04 07 0826	.3	1		1.000<									0.001<
81 05 06 0835	.3	1		1.000<									
81 06 02 0900	.3	1		1.000<	0.160								0.001<
81 07 08 0903	.3	1		1.000<	0.250								0.001<
81 08 04 1450	.3	1		1.000<	0.220								0.001<
81 09 15	.3	1		1.000<	0.130	257.000	57.000	27.800	18.000	1.70	10.500	13	
81 10 05	.3	1		1.000<	0.100	285.000	68.500	27.600	14.000	1.95	9.800	18	0.001<
81 11 03	.3	1		1.000<	0.120		69.000	26.800	13.000	1.50	7.400	72	0.001<
81 12 08 0910	.3	1		1.000<	0.160	293.000	77.500	24.000	13.000	1.55	8.300	96	0.001<
MAXIMUM					**0.470**	**293.000**	**77.500**	**27.800**	**18.000**	**1.95**	**10.500**	**96**	
ARITH MEAN					**0.228**	**278.333**	**68.000**	**26.550**	**14.500**	**1.67**	**9.000**	**50**	
GEOM MEAN					**0.197**	**277.896**	**67.597**	**26.505**	**14.366**	**1.67**	**8.916**	**36**	
MINIMUM					**0.100**	**257.000**	**57.000**	**24.000**	**13.000**	**1.50**	**7.400**	**13**	
STD DEV (GEOM *)					**0.137**	**18.903**	**8.416**	**1.754**	**2.380**	**0.20**	**1.407**	**41**	
# SAMPLES (IN STATISTICS)					**9**	**3**	**4**	**4**	**4**	**4**	**4**	**4**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L
81 01 07 0940		.3	1	0.160	0.003	0.001	0.003<	0.0002<	0.002	0.002 <	0.002<	0.010<	20<W
81 02 04 0919		.3	1		0.001 <	0.003	0.003<	0.0002<	0.003 <	0.003 <		0.010<	
81 02 26 1235		.3	1		0.004	0.001<	0.003<	0.0002<	0.001	0.002 <		0.010<	20<W
81 03 03 0920		.3	1		0.006	0.002	0.003<	0.0002<	0.006	0.003 <		0.010<	20<W
81 04 07 0826		.3	1	0.109	0.002 <	0.001<	0.003<	0.0002<	0.003	0.003		0.010<	
81 06 02 0900		.3	1		0.005	0.003	0.003<	0.0002	0.0009	0.001		0.010<	20<W
81 07 08 0903		.3	1		0.002 <	0.004	0.030	0.001	0.002	0.002 <		0.010<	20<W
81 08 04 1450		.3	1		0.100 <	0.008	0.005<	0.0002	0.030 <	0.025 <		0.01 <	20<W
81 09 15		.3	1		0.0040	0.006	0.003<	0.0001<	0.003	0.0020		0.010<	20<W
81 10 05		3	1	0.140	0.0060	0.003	0.003<	0.0001<	0.001 <	0.0020	0.002	0.005<T	20<W
81 11 03		3	1	0.180	0.0030	0.004	0.003	0.0002	0.002	0.0010	0.002	0.005<T	20<W
81 12 08 0910		3	1									0.005<T	
	MAXIMUM			**0.180**	**0.0060**	**0.008**	**0.030**	**0.001**	**0.006**	**0.003**	**0.002**	**0.005**	
	ARITH MEAN			**0.147**	**0.004**	**0.004**	**0.016**	**0.000**	**0.002**	**0.001**	**0.002**	**0.005<A**	
	GEOM MEAN			**0.145**	**0.004**	**0.003**	**0.009**	**0.000**	**0.002**	**0.001**	**0.002**	**0.005<A**	
	MINIMUM			**0.109**	**0.003**	**0.001**	**0.003**	**0.0002**	**0.0009**	**0.001**	**0.002**	**0.005**	
	STD DEV (GEOM *)			**0.030**	**0.001**	**0.002**	**0.019**	**0.000**	**0.001**	**0.000**	**0.000**	**0.000<A**	
	# SAMPLES (IN STATISTICS)			**4**	**7**	**9**	**2**	**4**	**8**	**5**	**2**	**3**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 07 0940		.3	1	50<W	50<W
81 02 26 1235		.3	1		50<W
81 03 03 0920		.3	1	50<W	50<W
81 06 02 0900		.3	1	50<W	50<W
81 07 08 0903		.3	1		50<W
81 08 04 1450		.3	1		50<W
81 11 03		3	1		50<W
	MAXIMUM			**50**	**50**
	ARITH MEAN			**50<A**	**50<A**
	GEOM MEAN			**50<A**	**50<A**
	MINIMUM			**50**	**50**
	STD DEV (GEOM *)			**0<A**	**0<A**
	# SAMPLES (IN STATISTICS)			**3**	**7**

B.O.W./ SITE: **BIGHEAD RIVER**
SAMPLE POINT: **AT CONC ROAD 8 AND 9 SOUTH OF OXMEAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BIGHEAD RIVER**

STATION ID: **03-0030-002-02**
STORET CODE: **02 002 2190**

LAT: LONG: U T M: **17 0527900.0 4935650.0 4** REGION: **01** DISTANCE: **12.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 07 1030		.3	1	40004	4	160	600	28	8	4<	0.0	14.4	0.7
81 03 03 1000		.3	1	40024	6	50	480	4	12	4<	1.0	10.0	0.4
81 04 07 0911		.3	1	40040	6	8	584	4	4<	4<	6.5	13.8	0.5
81 05 06 0920		.3	1	40056	6	252C	1480	72	28	4<	9.5		0.6
81 06 02 0940		.3	1	40072	6	290C	3800	116	8	4<	15.2	10.2	1.0
81 07 08 0947		.3	1	40088	6	870C	8000	232	60	4<	20.5	8.2	0.7
81 08 04 1414		.3	1	40101	6	240C	4600	132	20	4	23.1	8.1	0.5
81 09 15 1030		.3	1	40119	6	3200	11300	600>	248	4<	15.5	8.9	0.5
81 10 06 0920		.3	1	40135	6	6500	19000	1500>	1500>	4<	10.0	9.6	0.7
81 11 03 0905		.3	1	40151	6	160C	3000	90I	30I	4<	7.5	11.2	1.2
81 12 08 0955		.3	1	40167	6	332	1640	100	600>	4<	2.0	11.2	0.8
	MAXIMUM					**6500**	**19000**	**232**	**248**	**4**	**23.1**	**14.4**	**1.2**
	ARITH MEAN					**1097**	**4953**	**86**	**52**	**4**	**11.1**	**10.6**	**0.7**
	GEOM MEAN					**287**	**2600**	**47**	**26**		**8.0**	**10.4**	**0.7**
	MINIMUM					**8**	**480**	**4**	**8**	**4**	**1.0**	**8.1**	**0.4**
	STD DEV (GEOM *)					**6***	**3***	**4***	**3***		**7.4**	**2.2**	**0.2**
	# SAMPLES (IN STATISTICS)					**11**	**11**	**9**	**8**	**1**	**10**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 07 1030		.3	1	0.015	0.004	0.025	0.310	0.003	1.210	1.238	0.285	1.523	285.70
81 03 03 1000		.3	1	0.019	0.005	0.010	0.310	0.002	1.430	1.442	0.300	1.742	284.60
81 04 07 0911		.3	1	0.011	0.001	0.005	0.270	0.003	0.950	0.958	0.265	1.223	273.60
81 05 06 0920		.3	1	0.013	0.001	0.015	0.300	0.005	0.970	0.990	0.285	1.275	271.90
81 06 02 0940		.3	1	0.014	0.001	0.015	0.280	0.003	0.730	0.748	0.265	1.013	258.60
81 07 08 0947		.3	1	0.028	0.004	0.035	0.480	0.006	0.400	0.441	0.445	0.886	301.60
81 08 04 1414		.3	1	0.200	0.173	0.015	0.470	0.005	0.460	0.480	0.455	0.935	278.40
81 09 15 1030		.3	1	0.018	0.001<	0.010	0.380	0.002	0.360	0.372	0.370	0.742	259.20
81 10 06 0920		.3	1	0.020	0.003	0.005	0.380	0.002	0.550	0.557	0.375	0.932	307.20
81 11 03 0905		.3	1	0.009	0.001	0.005	0.270	0.004	0.750	0.759	0.265	1.024	293.20
81 12 08 0955		.3	1	0.016	0.002	0.005	0.260	0.002	1.050	1.057	0.255	1.312	293.30
	MAXIMUM			**0.200**	**0.173**	**0.035**	**0.480**	**0.006**	**1.430**	**1.442**	**0.455**	**1.742**	**307.20**
	ARITH MEAN			**0.033**	**0.019**	**0.013**	**0.337**	**0.003**	**0.805**	**0.822**	**0.324**	**1.146**	**282.48**
	GEOM MEAN			**0.020**	**0.003**	**0.011**	**0.330**	**0.003**	**0.734**	**0.754**	**0.317**	**1.112**	**282.07**
	MINIMUM			**0.009**	**0.001**	**0.005**	**0.260**	**0.002**	**0.360**	**0.372**	**0.255**	**0.742**	**258.60**
	STD DEV (GEOM *)			**0.056**	**0.054**	**0.010**	**0.079**	**0.001**	**0.349**	**0.347**	**0.074**	**0.300**	**15.95**
	# SAMPLES (IN STATISTICS)			**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

(CONTD)

B.O.W./ SITE: **BIGHEAD RIVER**
SAMPLE POINT: **AT CONC ROAD 8 AND 9 SOUTH OF OXMEAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BIGHEAD RIVER**

STATION ID: **03-0030-002-02**
STORET CODE: **02 002 2190**

LAT LONG U T M: **17 0527900.0 4935650.0 4** REGION: **01** DISTANCE: **12.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 01 07 1030	.3	1		15.90	269.80	520.0	1.20	4.500	12.000	2.840	19.400	273.0	7.97
81 03 03 1000	.3	1		11.90	272.70	452.0	2.50	5.000	11.000	2.160	10.100	229.0	8.20
81 04 07 0911	.3	1		6.00	267.60	440.0	1.90	4.000	9.500	0.840	3.900	230.0	8.27
81 05 06 0920	.3	1		9.50	262.40	462.0	1.90	4.000	10.000	0.960	0.000	249.0	8.30
81 06 02 0940	.3	1		4.90	253.70	467.0	1.80	4.000	10.000	1.280		243.0	8.30
81 07 08 0947	.3	1		9.50	292.10	452.0	5.50	4.500	9.000		1.900	245.0	8.25
81 08 04 1414	.3	1		10.50	267.90	411.0	5.20	4.000	11.000	2.240		218.0	8.33
81 09 15 1030	.3	1		4.50	254.70	470.0	2.10	5.000	10.000	2.060	0.000	253.0	8.38
81 10 06 0920	.3	1		9.20	298.00	487.0	3.40	5.500	13.000	2.120	0.000	256.0	8.43
81 11 03 0905	.3	1		2.40	290.80	497.0	0.90	5.000	7.000	0.760	0.000	265.0	8.32
81 12 08 0955	.3	1		6.20	287.10	493.0	2.40	5.000	12.500		2.000	260.0	8.27
MAXIMUM				**15.90**	**298.00**	**520.0**	**5.50**	**5.500**	**13.000**	**2.840**	**19.400**	**273.0**	**8.43**
ARITH MEAN				**8.23**	**274.25**	**468.3**	**2.62**	**4.591**	**10.455**	**1.696**	**7.480**	**247.4**	**8.27**
GEOM MEAN				**7.32**	**273.86**	**467.4**	**2.28**	**4.562**	**10.319**	**1.534**	**4.927**	**246.8**	**8.27**
MINIMUM				**2.40**	**253.70**	**411.0**	**0.90**	**4.000**	**7.000**	**0.760**	**1.900**	**218.0**	**7.97**
STD DEV (GEOM *)				**3.87**	**15.41**	**30.2**	**1.50**	**0.539**	**1.710**	**0.746**	**7.466**	**16.6**	**0.12**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**9**	**5**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA
81 01 07 1030	.3	1			0.070	286.000	73.000	25.200	17.000	1.25	2.100
81 03 03 1000	.3	1		1.000<	0.160	241.000	62.500	20.600	12.000	1.75	2.100
81 04 07 0911	.3	1		1.000<	0.170	244.000	59.500	23.000	21.000	1.20	2.000
81 05 06 0920	.3	1		1.000<	0.180	257.000	64.000	23.600	28.000	1.05	1.900
81 06 02 0940	.3	1		1.000<	0.200	258.000	62.000	25.000	24.000	0.90	2.100
81 07 08 0947	.3	1		1.000<	0.390	256.000	62.500	24.200	32.000	1.30	2.900
81 08 04 1414	.3	1		1.000<	0.330	233.000	53.500	24.200	13.000	2.30	2.300
81 09 15 1030	.3	1		1.000<	0.260	256.000	59.500	26.000	28.000	1.45	2.500
81 10 06 0920	.3	1		1.000<	0.310	275.000	68.500	25.200	23.000	1.85	3.600
81 11 03 0905	.3	1		1.000<	0.130		70.000	25.600	17.000	1.40	2.500
81 12 08 0955	.3	1		1.000<	0.380	277.000	71.500	23.800	14.000	1.25	2.400
MAXIMUM					**0.390**	**286.000**	**73.000**	**26.000**	**32.000**	**2.30**	**3.600**
ARITH MEAN					**0.235**	**258.300**	**64.227**	**24.218**	**20.818**	**1.43**	**2.400**
GEOM MEAN					**0.210**	**257.809**	**63.975**	**24.173**	**19.802**	**1.38**	**2.360**
MINIMUM					**0.070**	**233.000**	**53.500**	**20.600**	**12.000**	**0.90**	**1.900**
STD DEV (GEOM *)					**0.106**	**16.839**	**5.934**	**1.509**	**6.765**	**0.40**	**0.490**
# SAMPLES (IN STATISTICS)					**11**	**10**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **BEAVER RIVER**
SAMPLE POINT: **AT RAILROAD BRIDGE THORNBURY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-002-02**
STORET CODE: **02 002 2250**

LAT LONG U T M: **17 0543590.0 4934300.0 4** REGION: **01** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 07 1110	.3	1		40005	6	172	480	12	4<	4<	0.0	12.0	2.0
81 02 04 1057	.3	1		40012	6	30I	510	8	52	4<	1.0	12.6	0.7
81 03 03 1019	.3	1		40025	6	110	280	4	4<	4<	0.0	5.9	0.3
81 04 07 0950	.3	1		40041	6	270	1160	28	4	4<	7.0	13.6	
81 05 06 1000	.3	1		40057	6	192C	1160	16	16	4<	10.0		1.0
81 06 02 1008	.3	1		40073	6	350	2300	64	12	4<	16.5	12.0	1.4
81 07 08 1018	.3	1		40089	6	150C	4600	60	20	4<	23.5	8.5	1.0
81 08 04 1343	.3	1		40100	6 7	350C	9000	52	36	4<	22.4	8.4	0.7
81 09 15 1100	.3	1		40120	6	620C	3000	140	76	4<	16.0	9.4	0.8
81 10 06 1000	.3	1		40136	6	2800	20000	228	484	4<	10.0	10.2	0.8
81 11 03 0950	.3	1		40152	6	190C	4000	56	10I	4<	6.5	11.4	1.3
81 12 08 1100	.3	1		40168	6	124	652	32	20	4<	1.0	12.5	1.3
MAXIMUM						**2800**	**20000**	**228**	**484**		**23.5**	**13.6**	**2.0**
ARITH MEAN						**446**	**3928**	**58**	**73**		**11.4**	**10.6**	**1.0**
GEOM MEAN						**230**	**1826**	**33**	**27**		**7.6**	**10.3**	**0.9**
MINIMUM						**30**	**280**	**4**	**4**		**1.0**	**5.9**	**0.3**
STD DEV (GEOM *)						**3***	**4***	**3***	**4***		**8.0**	**2.3**	**0.6**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**		**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 07 1110	.3	1		0.014	0.003	0.010	0.310	0.004	0.950	0.964	0.300	1.264	282.2
81 02 04 1057	.3	1		0.016	0.007	0.015	0.340	0.005	0.920	0.940	0.325	1.265	311.0
81 03 03 1019	.3	1		0.016	0.003	0.005	0.230	0.004	0.830	0.839	0.225	1.064	250.4
81 04 07 0950	.3	1		0.011	0.001	0.005	0.270	0.003	0.420	0.428	0.265	0.693	246.2
81 05 06 1000	.3	1		0.020	0.001	0.015	0.330	0.004	0.640	0.659	0.315	0.974	251.9
81 06 02 1008	.3	1		0.021	0.001	0.015	0.320	0.003	0.340	0.358	0.305	0.663	242.4
81 07 08 1018	.3	1		0.038	0.004	0.035	0.500	0.004	0.130	0.169	0.465	0.634	253.9
81 08 04 1343	.3	1		0.038	0.010	0.025	0.460	0.005	0.210	0.240	0.435	0.675	289.3
81 09 15 1100	.3	1		0.029	0.001	0.010	0.420	0.002	0.110	0.122	0.410	0.532	252.1
81 10 06 1000	.3	1		0.027	0.001	0.005<	0.390	0.001	0.220	0.226	0.385	0.611	268.6
81 11 03 0950	.3	1		0.014	0.002	0.005	0.310	0.002	0.350	0.357	0.305	0.662	256.00
81 12 08 1100	.3	1		0.013	0.002	0.005<	0.260	0.001	0.640	0.646	0.255	0.901	253.8
MAXIMUM				**0.038**	**0.010**	**0.035**	**0.500**	**0.005**	**0.950**	**0.964**	**0.465**	**1.266**	**311.0**
ARITH MEAN				**0.021**	**0.003**	**0.014**	**0.345**	**0.003**	**0.480**	**0.496**	**0.332**	**0.828**	**263.1**
GEOM MEAN				**0.020**	**0.002**	**0.011**	**0.336**	**0.003**	**0.383**	**0.406**	**0.325**	**0.794**	**262.4**
MINIMUM				**0.011**	**0.001**	**0.005**	**0.230**	**0.001**	**0.110**	**0.122**	**0.225**	**0.532**	**242.4**
STD DEV (GEOM *)				**0.009**	**0.003**	**0.010**	**0.082**	**0.001**	**0.306**	**0.303**	**0.075**	**0.268**	**20.7**
# SAMPLES (IN STATISTICS)				**12**	**12**	**10**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 07 1110		3	1	8.8	273.4	487.0	1.50	6.000	7.86
81 02 04 1057		3	1	7.4	303.6	510.0	2.50	6.500	7.99
81 03 03 1019		3	1	9.7	240.7	404.0	4.20	5.500	8.15
81 04 07 0950		3	1	6.7	239.5	400.0	3.40	4.500	8.24
81 05 06 1000		3	1	10.4	241.5	425.0	3.70	4.500	8.12
81 06 02 1008		3	1	8.2	234.2	418.0	3.80	5.000	8.38
81 07 08 1018		3	1	18.1	250.900	386.0	9.70	5.000	8.34
81 08 04 1343		3	1	18.3	271.0	413.0	12.00	6.500	8.30
81 09 15 1100		3	1	16.3	235.8	402.0	6.80	5.500	8.34
81 10 06 1000		3	1	17.2	251.4	407.0	6.20	5.000	8.31
81 11 03 0950		3	1	6.90	249.10	429.0	3.80	5.500	8.26
81 12 08 1100		3	1	6.1	247.7	442.0	3.50	6.000	8.23
MAXIMUM				**18.3**	**303.6**	**510.0**	**12.00**	**6.500**	**8.38**
ARITH MEAN				**11.1**	**253.2**	**426.9**	**5.09**	**5.458**	**8.21**
GEOM MEAN				**10.2**	**252.5**	**425.5**	**4.37**	**5.419**	**8.21**
MINIMUM				**6.1**	**234.2**	**386.0**	**1.50**	**4.500**	**7.86**
STD DEV (GEOM *)				**4.8**	**20.1**	**36.9**	**3.08**	**0.689**	**0.16**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W / SITE: **BOYNE RIVER**
SAMPLE POINT: **1ST.BRIDGE DNSTR.FROM HWY.10 FLESHERTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-005-02**
STORET CODE: **02 002 2250**

LAT: LONG: U.T.M: **17 0536250.0 4902850.0 4** REGION: **01** DISTANCE: **44.417**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 04 1215		3	1	40014	6	380	1960	60	8	4<	0.0	15.6	0.3
81 03 03 1117		3	1	40030	6	150	620	10<	20I	4<	1.0	6.6	0.7
81 04 07 1057		3	1	40043	6	88	660	20	8	4<	7.5	14.2	
81 05 06 1210		3	1	40062	6	236C	1040	8	4	4<	9.5		0.5
81 06 02 1220		3	1	40078	6	700C	5100	12	4	4<	17.0	11.6	1.0
81 07 08 1227		3	1	40094	6	420C	9000	72	36	32	20.9	8.9	0.4
81 08 04 1205		3	1	40095	6	220	2400	16	20	4<	17.5	8.9	0.2
81 09 15 1150		3	1	40123	6	280	1800	4	64	4<	15.8	9.8	0.4
81 10 06 1110		3	1	40138	6	2900	17000	360	428	4<	9.0	9.7	0.8
81 11 03 1050		3	1	40154	6	210	1220	8	4	4<	6.0	11.2	1.0
81 12 08 1210		3	1	40170	6	80	560	4<	16	4<	1.8	12.0	1.4
MAXIMUM						**2900**	**17000**	**360**	**428**	**32**	**20.9**	**15.6**	**1.4**
ARITH MEAN						**515**	**3760**	**62**	**56**	**32**	**10.6**	**10.8**	**0.7**
GEOM MEAN						**286**	**1988**	**23**	**17**		**7.6**	**10.6**	**0.6**
MINIMUM						**80**	**560**	**4**	**4**	**32**	**1.0**	**6.6**	**0.2**
STD DEV (GEOM *)						**3***	**3***	**4***	**4***		**6.9**	**2.7**	**0.4**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**11**	**1**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 04 1215		3	1	0.018	0.003	0.015	0.320	0.005	0.660	0.680	0.305	0.985	330.7
81 03 03 1117		3	1	0.014	0.004	0.015	0.280	0.004	0.480	0.499	0.265	0.764	235.5
81 04 07 1057		3	1	0.012	0.003	0.005	0.260	0.003	0.430	0.438	0.255	0.693	269.7
81 05 06 1210		3	1	0.010	0.001	0.005	0.200	0.002	0.470	0.477	0.195	0.672	276.6
81 06 02 1220		3	1	0.011	0.002	0.005	0.270	0.002	0.360	0.367	0.265	0.632	262.2
81 07 08 1227		3	1	0.007	0.003	0.005	0.220	0.001	0.180	0.186	0.215	0.401	283.6
81 08 04 1205		3	1	0.012	0.005	0.015	0.210	0.002	0.070	0.087	0.195	0.282	296.8
81 09 15 1150		3	1	0.009	0.003	0.005	0.260	0.001	0.310	0.316	0.255	0.571	259.6
81 10 06 1110		3	1	0.022	0.003	0.005<	0.380	0.002	0.390	0.397	0.375	0.772	278.4
81 11 03 1050		3	1	0.009	0.002	0.005<	0.280	0.001	0.370	0.376	0.275	0.651	270.00
81 12 08 1210		3	1	0.012	0.001	0.010	0.330	0.002	0.420	0.432	0.320	0.752	265.8
MAXIMUM				**0.022**	**0.005**	**0.015**	**0.380**	**0.005**	**0.660**	**0.680**	**0.375**	**0.985**	**330.7**
ARITH MEAN				**0.012**	**0.003**	**0.009**	**0.274**	**0.002**	**0.376**	**0.387**	**0.265**	**0.652**	**275.3**
GEOM MEAN				**0.012**	**0.002**	**0.008**	**0.269**	**0.002**	**0.332**	**0.346**	**0.261**	**0.622**	**274.4**
MINIMUM				**0.007**	**0.001**	**0.005**	**0.200**	**0.001**	**0.070**	**0.087**	**0.195**	**0.282**	**235.5**
STD DEV (GEOM *)				**0.004**	**0.001**	**0.005**	**0.054**	**0.001**	**0.156**	**0.157**	**0.054**	**0.189**	**24.0**
# SAMPLES (IN STATISTICS)				**11**	**11**	**9**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 02 04 1215		3	1	31.6	299.1	498.0	7.90	14.000	8.12
81 03 03 1117		3	1	6.8	228.7	373.0	1.50	10.000	8.13
81 04 07 1057		3	1	4.3	265.4	440.0	1.00	11.500	8.31
81 05 06 1210		3	1	3.9	272.7	459.0	0.60	14.500	8.31
81 06 02 1220		3	1	3.8	258.4	462.0	0.80	16.000	8.48
81 07 08 1227		3	1	5.9	277.7	476.0	3.40	10.500	8.40
81 08 04 1205		3	1	2.5	294.3	487.0	0.60	10.500	8.33
81 09 15 1150		3	1	3.0	256.6	436.0	0.60	11.500	8.44
81 10 06 1110		3	1	9.1	269.3	446.0	2.20	14.500	8.21
81 11 03 1050		3	1	1.30	268.70	458.0	0.60	12.000	8.30
81 12 08 1210		3	1	1.8	264.0	453.0	0.70	14.500	8.29
MAXIMUM				**31.6**	**299.1**	**498.0**	**7.90**	**16.000**	**8.48**
ARITH MEAN				**6.7**	**268.6**	**453.5**	**1.81**	**12.682**	**8.30**
GEOM MEAN				**4.4**	**268.0**	**452.3**	**1.18**	**12.530**	**8.30**
MINIMUM				**1.30**	**228.7**	**373.0**	**0.60**	**10.000**	**8.12**
STD DEV (GEOM *)				**8.5**	**18.8**	**32.8**	**2.21**	**2.065**	**0.12**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./SITE: **BEAVER RIVER**
SAMPLE POINT: **AT GREY COUNTY ROAD NO 2 FEVERSHAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-006-02**
STORET CODE: **02 002 2250**

LAT: LONG: U.T.M.: **17 0549525.0 4909375.0 4** REGION: **01** DISTANCE: **56.969**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 03 03 1153	.3	1		40027	6	50I	220	48	4	4<	2.0	8.6	0.3
81 04 07 1140	.3	1		40045	6	408C	808	4	4<	4<	7.5	15.6	0.4
81 05 06 1112	.3	1		40060	6	168	880	16	48	4<	7.2		0.5
81 06 02 1120	.3	1		40075	6	290	760	24	28	4<	12.2	12.4	0.8
81 07 08 1130	.3	1		40091	6	250C	3200	144	60	4<	18.0	8.8	0.7
81 08 04 1305	.3	1		40098	6	410C	2800	136	68	4<	16.1	9.0	0.5
81 09 15 1215	.3	1		40122	6	620	2200	28	24	4<	10.2	9.6	0.4
81 10 06 1145	.3	1		40139	6	1030C	4200	216	600>	4<	8.5		0.6
81 11 03 1125	.3	1		40155	6	60I	600	8	10<	4<	6.0	10.6	0.8
81 12 08 1235	.3	1		40171	6	12	220	4	4<	4<	1.8	11.6	1.1
MAXIMUM						**1030**	**4200**	**216**	**68**		**18.0**	**15.6**	**1.1**
ARITH MEAN						**330**	**1589**	**63**	**39**		**8.9**	**10.8**	**0.6**
GEOM MEAN						**185**	**1027**	**28**	**28**		**7.2**	**10.6**	**0.6**
MINIMUM						**12**	**220**	**4**	**4**		**1.8**	**8.6**	**0.3**
STD DEV (GEOM *)						**4***	**3***	**4***	**3***		**5.4**	**2.4**	**0.2**
# SAMPLES (IN STATISTICS)						**10**	**10**	**10**	**6**		**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 03 03 1153	.3	1		0.012	0.009	0.005<	0.340	0.002	1.910	1.917	0.335	2.252	293.2
81 04 07 1140	.3	1		0.015	0.007	0.005	0.420	0.002	1.320	1.327	0.415	1.742	274.2
81 05 06 1112	.3	1		0.030	0.013	0.010	0.270	0.005	1.500	1.515	0.260	1.775	272.0
81 06 02 1120	.3	1		0.035	0.013	0.005	0.440	0.003	1.240	1.248	0.435	1.683	279.2
81 07 08 1130	.3	1		0.043	0.027	0.020	0.410	0.005	1.080	1.105	0.390	1.495	276.8
81 08 04 1305	.3	1		0.016	0.004	0.005	0.280	0.002	1.060	1.067	0.275	1.342	308.2
81 09 15 1215	.3	1		0.024	0.018	0.010	0.290	0.002	1.260	1.272	0.280	1.552	285.8
81 10 06 1145	.3	1		0.020	0.010	0.005	0.340	0.001	1.330	1.336	0.335	1.671	290.4
81 11 03 1125	.3	1		0.009	0.005	0.005	0.230	0.001	1.560	1.566	0.225	1.791	292.40
81 12 08 1235	.3	1		0.008	0.003	0.005<	0.240	0.001	1.650	1.656	0.235	1.891	270.6
MAXIMUM				**0.043**	**0.027**	**0.020**	**0.440**	**0.005**	**1.910**	**1.917**	**0.435**	**2.252**	**308.2**
ARITH MEAN				**0.021**	**0.011**	**0.008**	**0.326**	**0.002**	**1.391**	**1.401**	**0.318**	**1.719**	**284.2**
GEOM MEAN				**0.018**	**0.009**	**0.007**	**0.318**	**0.002**	**1.369**	**1.380**	**0.311**	**1.704**	**284.0**
MINIMUM				**0.008**	**0.003**	**0.005**	**0.230**	**0.001**	**1.060**	**1.067**	**0.225**	**1.342**	**270.6**
STD DEV (GEOM *)				**0.012**	**0.007**	**0.005**	**0.076**	**0.002**	**0.265**	**0.263**	**0.075**	**0.246**	**11.9**
# SAMPLES (IN STATISTICS)				**10**	**10**	**8**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 03 03 1153	.3	1		15.2	278.0	458.0	7.80	3.000	8.10
81 04 07 1140	.3	1		6.5	267.7	440.0	0.65	3.000	8.12
81 05 06 1112	.3	1		7.1	264.9	468.0	0.75	3.000	8.09
81 06 02 1120	.3	1		2.4	276.8	477.0	0.35	3.500	8.20
81 07 08 1130	.3	1		2.9	273.9	454.0	0.65	3.500	8.21
81 08 04 1305	.3	1		4.1	304.1	463.0	0.75	2.500	8.19
81 09 15 1215	.3	1		2.3	283.5	476.0	0.40	3.500	8.25
81 10 06 1145	.3	1		8.1	282.3	470.0	2.20	3.500	8.17
81 11 03 1125	.3	1		1.70	290.70	492.0	0.40	4.000	8.18
81 12 08 1235	.3	1		1.8	268.8	475.0	0.50	4.000	8.19
MAXIMUM				**15.2**	**304.1**	**492.0**	**7.80**	**4.000**	**8.25**
ARITH MEAN				**5.2**	**279.0**	**467.3**	**1.44**	**3.350**	**8.17**
GEOM MEAN				**4.0**	**278.8**	**467.1**	**0.80**	**3.319**	**8.17**
MINIMUM				**1.70**	**264.9**	**440.0**	**0.35**	**2.500**	**8.09**
STD DEV (GEOM *)				**4.2**	**11.8**	**14.4**	**2.30**	**0.474**	**0.05**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./SITE: **BEAVER RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.10 OSPREY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-007-02**
STORET CODE: **02 002 2250**

LAT: LONG: U.T.M.: **17 0550250.0 4911150.0 4** REGION: **01** DISTANCE: **59.061**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 03 03 1215	.3	1		40028	6	40I	230	4<	4<	4<	1.0	6.3	0.3
81 04 07 1205	.3	1		40046	6	4	144	4<	4<	4<	6.0	15.8	0.2
81 05 06 1130	.3	1		40059	6	204	880	24	4	4<	7.0		0.3
81 06 02 1140	.3	1		40076	6	330	2360	36	24	4<	12.0	12.2	0.7
81 07 08 1143	.3	1		40092	6	240C	3200	88	56	4<	18.2	8.8	0.5
81 08 04 1253	.3	1		40097	6	390C	3000	144	136	4<	16.0	8.7	0.5
81 09 15 1220	.3	1		40124	6	260	1300	32	12	4<	12.4	10.0	0.4
81 10 06 1200	.3	1		40140	6	530C	3600	58	236	4<	8.5		0.7
81 11 03 1140	.3	1		40156	6	40I	370	4<	4<	4<	5.5	10.8	0.9
81 12 08 1245	.3	1		40172	6	4	148	12	16	4<	1.9	10.9	0.8
MAXIMUM						**530**	**3600**	**144**	**236**		**18.2**	**15.8**	**0.9**
ARITH MEAN						**204**	**1523**	**56**	**69**		**8.8**	**10.4**	**0.5**
GEOM MEAN						**86**	**837**	**42**	**32**		**6.6**	**10.1**	**0.5**
MINIMUM						**4**	**144**	**12**	**4**		**1.0**	**6.3**	**0.2**
STD DEV (GEOM *)						**6***	**4***	**2***	**4***		**5.7**	**2.8**	**0.2**
# SAMPLES (IN STATISTICS)						**10**	**10**	**7**	**7**		**10**	**8**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 03 03 1215	.3	1	1	0.011	0.003	0.005<	0.250	0.004	2.100	2.109	0.245	2.354	292.4
81 04 07 1205	.3	1	1	0.005	0.003	0.005	0.240	0.004	1.680	1.689	0.235	1.924	282.6
81 05 06 1130	.3	1	1	0.020	0.007	0.010	0.240	0.009	1.610	1.629	0.230	1.859	277.4
81 06 02 1140	.3	1	1	0.019	0.009	0.005	0.240	0.006	1.410	1.421	0.235	1.656	272.6
81 07 08 1143	.3	1	1	0.025	0.012	0.005	0.380	0.003	1.030	1.038	0.375	1.413	300.7
81 08 04 1253	.3	1	1	0.022	0.009	0.010	0.280	0.001	1.060	1.071	0.270	1.341	291.0
81 09 15 1220	.3	1	1	0.011	0.009	0.005	0.230	0.001	1.310	1.316	0.225	1.541	274.1
81 10 06 1200	.3	1	1	0.010	0.003	0.005<	0.290	0.001	1.390	1.396	0.285	1.681	284.2
81 11 03 1140	.3	1	1	0.008	0.006	0.055	0.200	0.001	0.010<	0.066	0.145	0.211	291.40
81 12 08 1245	.3	1	1	0.008	0.004	0.005	0.210	0.004	1.900	1.909	0.205	2.114	273.0
MAXIMUM				**0.025**	**0.012**	**0.055**	**0.380**	**0.009**	**2.100**	**2.109**	**0.375**	**2.354**	**300.7**
ARITH MEAN				**0.014**	**0.006**	**0.012**	**0.256**	**0.003**	**1.499**	**1.509**	**0.256**	**1.765**	**283.9**
GEOM MEAN				**0.012**	**0.006**	**0.008**	**0.252**	**0.003**	**1.461**	**1.470**	**0.252**	**1.738**	**283.7**
MINIMUM				**0.005**	**0.003**	**0.005**	**0.200**	**0.001**	**1.030**	**1.038**	**0.205**	**1.341**	**272.6**
STD DEV (GEOM *)				**0.007**	**0.003**	**0.017**	**0.051**	**0.003**	**0.360**	**0.360**	**0.051**	**0.331**	**9.7**
# SAMPLES (IN STATISTICS)				**10**	**10**	**8**	**10**	**10**	**9**	**9**	**9**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 03 03 1215	.3	1	1	14.4	278.0	480.0	8.00	2.000	8.03
81 04 07 1205	.3	1	1	3.2	279.4	460.0	0.35	2.000	8.13
81 05 06 1130	.3	1	1	4.3	273.1	466.0	0.45	1.500	8.03
81 06 02 1140	.3	1	1	3.5	269.1	474.0	0.48	2.000	8.17
81 07 08 1143	.3	1	1	3.1	297.6	449.0	0.65	2.500	8.15
81 08 04 1253	.3	1	1	10.4	280.6	460.0	0.80	2.000	8.16
81 09 15 1220	.3	1	1	1.3	272.8	491.0	0.20	2.500	8.22
81 10 06 1200	.3	1	1	1.8	282.4	454.0	0.35	2.500	8.10
81 11 03 1140	.3	1	1	2.80	288.60	500.0	0.65	2.500	8.14
81 12 08 1245	.3	1	1	1.2	271.8	487.0	0.30	2.500	8.17
MAXIMUM				**14.4**	**297.6**	**500.0**	**8.00**	**2.500**	**8.22**
ARITH MEAN				**4.6**	**279.3**	**472.1**	**1.22**	**2.200**	**8.13**
GEOM MEAN				**3.3**	**279.2**	**471.8**	**0.58**	**2.173**	**8.13**
MINIMUM				**1.2**	**269.1**	**449.0**	**0.20**	**1.500**	**8.03**
STD DEV (GEOM *)				**4.3**	**8.6**	**17.0**	**2.39**	**0.350**	**0.06**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **BEAVER RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.8 OSPREY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-008-02**
STORET CODE: **02 002 2250**

LAT. LONG: U.T.M: **17 0550700.0 4909150.0 4** REGION: **01** DISTANCE: **58.257**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 03 03 1206	.3	1	1	40029	6	90I	360	10I	40I	4<	2.0	4.5	0.6
81 04 07 1124	.3	1	1	40044	6	4	344	20	4	4<	6.5	14.0	0.6
81 05 06 1142	.3	1	1	40061	6	180	880	56	12	4<	7.1		0.3
81 06 02 1155	.3	1	1	40077	6	250	1860	4<	24	4<	12.2	12.0	0.9
81 07 08 1200	.3	1	1	40093	6	490C	3900	236	84	4<	18.5	8.6	0.5
81 08 04 1312	.3	1	1	40099	6	2400	16000	600>	192	4<	13.2	9.2	1.5
81 09 15 1230	.3	1	1	40125	6	300	1140	4	20	4<	10.0	9.9	0.3
81 10 06 1215	.3	1	1	40141	6	1300C	6300	208	600>	4<	8.5		0.5
81 11 03 1202	.3	1	1	40157	6	30I	620	4	10<	4<	5.5	10.5	0.7
81 12 08 1302	.3	1	1	40173	6	44	148	28	4	4<	1.9	11.9	1.4
MAXIMUM						**2400**	**16000**	**236**	**192**		**18.5**	**14.0**	**1.5**
ARITH MEAN						**509**	**3155**	**71**	**47**		**8.5**	**10.1**	**0.7**
GEOM MEAN						**158**	**1236**	**27**	**22**		**6.9**	**9.6**	**0.6**
MINIMUM						**4**	**148**	**4**	**4**		**1.9**	**4.5**	**0.3**
STD DEV (GEOM *)						**7***	**4***	**5***	**4***		**5.2**	**2.8**	**0.4**
# SAMPLES (IN STATISTICS)						**10**	**10**	**8**	**8**		**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 03 03 1206	.3	1	1	0.037	0.018	0.005<	0.380	0.002	1.260	1.267	0.375	1.642	263.1
81 04 07 1124	.3	1	1	0.023	0.013	0.005	0.330	0.002	0.630	0.637	0.325	0.962	254.4
81 05 06 1142	.3	1	1	0.041	0.021	0.005	0.340	0.005	1.260	1.270	0.335	1.605	272.9
81 06 02 1155	.3	1	1	0.038	0.027	0.005	0.320	0.002	0.990	0.997	0.315	1.312	281.2
81 07 08 1200	.3	1	1	0.067	0.046	0.005	0.470	0.003	1.290	1.298	0.465	1.763	285.4
81 08 04 1312	.3	1	1	0.102	0.026	0.030	0.710	0.002	1.400	1.432	0.680	2.112	306.8
81 09 15 1230	.3	1	1	0.046	0.041	0.005<	0.300	0.001	1.120	1.126	0.295	1.421	288.0
81 10 06 1215	.3	1	1	0.028	0.018	0.005<	0.390	0.003	0.830	0.838	0.385	1.223	286.2
81 11 03 1202	.3	1	1	0.010	0.007	0.005	0.210	0.001	1.120	1.126	0.205	1.331	278.70
81 12 08 1302	.3	1	1	0.011	0.006	0.005	0.260	0.001	1.110	1.116	0.255	1.371	258.9
MAXIMUM				**0.102**	**0.046**	**0.030**	**0.710**	**0.005**	**1.400**	**1.432**	**0.680**	**2.112**	**306.8**
ARITH MEAN				**0.040**	**0.022**	**0.009**	**0.371**	**0.002**	**1.101**	**1.111**	**0.363**	**1.474**	**277.5**
GEOM MEAN				**0.032**	**0.019**	**0.006**	**0.352**	**0.002**	**1.075**	**1.085**	**0.345**	**1.443**	**277.1**
MINIMUM				**0.010**	**0.006**	**0.005**	**0.210**	**0.001**	**0.630**	**0.637**	**0.205**	**0.962**	**254.4**
STD DEV (GEOM *)				**0.027**	**0.013**	**0.009**	**0.139**	**0.001**	**0.232**	**0.236**	**0.132**	**0.320**	**15.7**
# SAMPLES (IN STATISTICS)				**10**	**10**	**7**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

B.O.W./ SITE: **BEAVER RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.8 OSPREY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-008-02**
STORET CODE: **02 002 2250**

LAT LONG: U.T.M: **17 0550700.0 4909150.0 4** REGION: **01** DISTANCE: **58.257**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 03 03 1206		.3	1	9.7	253.4	434.0	1.50	3.500	7.99
81 04 07 1124		.3	1	4.6	249.8	410.0	0.60	3.000	8.06
81 05 06 1142		.3	1	4.9	268.0	467.0	0.45	4.000	7.98
81 06 02 1155		.3	1	3.3	277.9	471.0	0.38	4.000	8.20
81 07 08 1200		.3	1	6.2	279.2	471.0	0.80	4.500	8.10
81 08 04 1312		.3	1	13.5	293.3	474.0	1.70	4.500	8.04
81 09 15 1230		.3	1	1.7	286.3	480.0	0.25	4.500	8.19
81 10 06 1215		.3	1	4.4	281.8	437.0	0.55	3.500	8.08
81 11 03 1202		.3	1	0.80	277.90	478.0	0.25	4.500	8.14
81 12 08 1302		.3	1	1.5	257.4	459.0	0.30	4.500	8.10
MAXIMUM				**13.5**	**293.3**	**480.0**	**1.70**	**4.500**	**8.20**
ARITH MEAN				**5.0**	**272.5**	**458.1**	**0.68**	**4.050**	**8.09**
GEOM MEAN				**3.7**	**272.1**	**457.5**	**0.54**	**4.014**	**8.09**
MINIMUM				**0.80**	**249.8**	**410.0**	**0.25**	**3.000**	**7.98**
STD DEV (GEOM *)				**3.9**	**14.6**	**23.3**	**0.52**	**0.550**	**0.07**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **BEAVER RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.30 SOUTH OF KIMBERLEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BEAVER RIVER**

STATION ID: **03-0036-009-02**
STORET CODE: **02 002 2250**

LAT LONG: U.T.M: **17 0536700.0 4910200.0 4** REGION: **01** DISTANCE: **37.175**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 07 1150		.3	1	40006	6	216	640	4<	4<	4<	0.0	13.4	1.3
81 02 04 1155		.3	1	40013	6	10I	490	4<	4<	4<	0.5	10.4	0.4
81 03 03 1051		.3	1	40026	6	576	240	4	4<	4<	2.0	9.5	0.4
81 04 07 1032		.3	1	40042	6	4	72	4<	8	4<	8.0	12.2	0.5
81 05 06 1040		.3	1	40058	6	136C	4000	4<	4<	4<	9.0		1.0
81 06 02 1045		.3	1	40074	6	270	2400	8	4<	4<	16.0	10.8	1.3
81 07 08 1050		.3	1	40090	6	170C	5300	28	12	4<	22.0	9.7	1.3
81 08 04 1221		.3	1	40096	6	230C	3700	32	112	4<	17.0	9.4	0.5
81 09 15 1130		.3	1	40121	6	360	2400	20	4	4<	17.6	8.5	0.6
81 10 06 1045		.3	1	40137	6	820C	3400	276	560	4<	9.0	9.4	0.8
81 11 03 1030		.3	1	40153	6	40I	990	4	10<	4<	6.0	11.2	1.3
81 12 08 1150		.3	1	40169	6	20	184	4<	8	4<	1.1	11.8	1.1
MAXIMUM						**820**	**5300**	**276**	**560**		**22.0**	**13.4**	**1.3**
ARITH MEAN						**238**	**1985**	**53**	**117**		**9.8**	**10.6**	**0.9**
GEOM MEAN						**104**	**1035**	**18**	**24**		**6.1**	**10.5**	**0.8**
MINIMUM						**4**	**72**	**4**	**4**		**0.5**	**8.5**	**0.4**
STD DEV (GEOM *)						**5***	**4***	**4***	**7***		**7.4**	**1.5**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**7**	**6**		**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 07 1150		.3	1	0.008	0.002	0.035	0.300	0.004	1.170	1.209	0.265	1.474	266.10
81 02 04 1155		.3	1	0.008	0.001	0.050	0.350	0.007	1.310	1.367	0.300	1.667	265.40
81 03 03 1051		.3	1	0.011	0.002	0.015	0.210	0.004	1.370	1.389	0.195	1.584	248.40
81 04 07 1032		.3	1	0.004	0.001	0.005	0.190	0.003	1.120	1.128	0.185	1.313	258.40
81 05 06 1040		.3	1	0.009	0.001	0.005	0.280	0.003	0.850	0.858	0.275	1.133	239.30
81 06 02 1045		.3	1	0.007	0.002	0.020	0.300	0.004	0.570	0.594	0.280	0.874	237.00
81 07 08 1050		.3	1	0.012	0.001	0.010	0.360	0.004	0.260	0.274	0.350	0.624	212.80
81 08 04 1221		.3	1	0.008	0.001	0.005	0.420	0.002	0.750	0.757	0.415	1.172	304.60
81 09 15 1130		.3	1	0.011	0.001<	0.035	0.360	0.002	0.220	0.257	0.325	0.582	211.60
81 10 06 1045		.3	1	0.023	0.001	0.025	0.430	0.002	0.390	0.417	0.405	0.822	245.40
81 11 03 1030		.3	1	0.006	0.001	0.005	0.310	0.003	0.400	0.408	0.305	0.713	230.80
81 12 08 1150		.3	1	0.008	0.001<	0.005	0.250	0.002	0.740	0.747	0.245	0.992	243.60
MAXIMUM				**0.023**	**0.002**	**0.050**	**0.430**	**0.007**	**1.370**	**1.389**	**0.415**	**1.667**	**304.60**
ARITH MEAN				**0.010**	**0.001**	**0.018**	**0.313**	**0.003**	**0.762**	**0.784**	**0.295**	**1.079**	**246.95**
GEOM MEAN				**0.009**	**0.001**	**0.012**	**0.305**	**0.003**	**0.650**	**0.675**	**0.287**	**1.019**	**245.80**
MINIMUM				**0.004**	**0.001**	**0.005**	**0.190**	**0.002**	**0.220**	**0.257**	**0.185**	**0.582**	**211.60**
STD DEV (GEOM *)				**0.005**	**0.000**	**0.015**	**0.075**	**0.001**	**0.407**	**0.411**	**0.072**	**0.373**	**25.25**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH
81 01 07 1150		.3	1	3.40	262.70	468.0	0.40	6.000	11.500	2.180	19.400	238.0	8.02
81 02 04 1155		.3	1	8.80	256.60	497.0	0.95	5.500	12.500	2.760	25.600	255.0	8.09
81 03 03 1051		.3	1	5.20	243.20	424.0	1.50	6.500	11.000	2.360	9.700	207.0	8.10
81 04 07 1032		.3	1	3.30	255.10	438.0	0.60	5.500	11.000	1.660	3.900	220.0	8.28
81 05 06 1040		.3	1	6.10	233.20	417.0	0.60	5.000	11.000	0.720	0.000	219.0	8.34
81 06 02 1045		.3	1	1.90	235.10	412.0	0.85	5.500	11.000	0.660	0.000	212.0	8.41
81 07 08 1050		.3	1	4.40	233.700	358.0	2.10	5.000	9.500		0.000	188.0	8.55
81 08 04 1221		.3	1	2.50	302.10	456.0	0.95	8.000	13.000	2.860	0.000	234.0	8.35
81 09 15 1130		.3	1	2.20	236.600	364.0	0.35	5.500	8.000	2.240	0.000	188.0	8.35
81 10 06 1045		.3	1	11.10	251.600	387.0	4.40	5.000	10.000	2.220	0.000	196.0	8.42
81 11 03 1030		.3	1	0.90	260.000	398.0	0.50	5.000	9.000	1.600	0.000	204.0	8.35
81 12 08 1150		.3	1	1.80	241.80	427.0	0.55	6.000	10.000		0.000	222.0	8.34

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH
MAXIMUM				11.10	302.10	497.0	4.40	8.000	13.000	2.860	25.600	255.0	8.55
ARITH MEAN				4.30	250.97	420.5	1.15	5.708	10.625	1.926	14.650	215.2	8.30
GEOM MEAN				3.42	250.33	418.7	0.85	5.655	10.536	1.740	11.708	214.4	8.30
MINIMUM				0.90	233.20	358.0	0.35	5.000	8.000	0.660	3.900	188.0	8.02
STD DEV (GEOM *)				3.07	19.30	41.1	1.14	0.865	1.416	0.763	9.704	20.4	0.15
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	10	4	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA
81 01 07 1150		.3	1		0.030	256.000	61.000	25.200	15.000	1.25	2.900
81 02 04 1155		.3	1	1.000<	0.050	266.000	64.000	25.800	11.000	1.05	2.900
81 03 03 1051		.3	1		0.100	222.000	55.000	20.400	14.000	1.45	3.100
81 04 07 1032		.3	1	1.000<	0.090	238.000	56.500	23.400	12.000	1.00	2.900
81 05 06 1040		.3	1	1.000<	0.060	234.000	55.500	23.000	15.000	1.05	2.800
81 06 02 1045		.3	1	1.000<	0.090	227.000	52.000	23.600	10.000	0.95	3.200
81 07 08 1050		.3	1	1.000<	0.070	201.000	42.000	23.400	17.000	0.85	3.000
81 08 04 1221		.3	1	1.000<	0.060	252.000	59.000	25.400	14.000	1.15	4.800
81 09 15 1130		.3	1	1.000<	0.050	190.000	39.000	22.400	14.000	0.95	2.800
81 10 06 1045		.3	1	1.000<	0.420	213.000	47.000	23.200	15.000	1.35	3.200
81 11 03 1030		.3	1	1.000<	0.050		49.000	23.600	10.000	1.00	2.800
81 12 08 1150		.3	1	1.000<	0.050	238.000	56.000	23.800	14.000	1.00	3.100
MAXIMUM					0.420	266.000	64.000	25.800	17.000	1.45	4.800
ARITH MEAN					0.093	230.636	53.000	23.600	13.417	1.09	3.125
GEOM MEAN					0.071	229.547	52.479	23.559	13.243	1.07	3.090
MINIMUM					0.030	190.000	39.000	20.400	10.000	0.85	2.800
STD DEV (GEOM *)					0.105	23.235	7.523	1.445	2.193	0.18	0.548
# SAMPLES (IN STATISTICS)					12	11	12	12	12	12	12

B.O.W./ SITE: **SILVER CREEK**
SAMPLE POINT: **AT HIGHWAY NO 26 COLLINGWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SILVER CREEK**

STATION ID: **03-0047-001-02**
STORET CODE: **02 002 2340**

LAT: LONG: U.T.M: **17 0557750.0 4929550.0 4** REGION: **03** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1200		.3	1	32012	4	80I	680	16	48	0.0	12.4	0.6	0.025
81 02 10 1220		.3	1	32056	4	140	1100	4<	16	0.0	11.9	0.9	0.040
81 03 24 1240		.3	1	32108	8	320	340	4<	4<	5.1	12.60	0.2<T	0.014
81 04 22 1300		.3	1	32156	8	20A	80A	16	8	8.9	11.40	0.4	0.021
81 05 26 1245		.3	1	32205	8	220A	18000	40	88	13.1	8.50	0.2	0.007
81 06 23 1300		.3	1	32254	8	1400A	75000	240	220	16.9		0.4	0.032
81 07 21 1230		.3	1	32285	8	1500	6900	220	430	18.7	8.80	0.4	0.021
81 08 18 1000		.3	1	32336	8	2400	10000	490	550	15.9	9.00	0.2	0.086
81 09 28 1245		.3	1	32394	8	580	620	120	210	11.1	11.80	0.4	0.051
81 10 21 1120		.3	1	32433	8	640	3000	80A	190	6.1	10.60	0.2	0.020
81 11 23 1315		.3	1	32472	8	20<	120A	10A	30A	1.8	11.50	0.4	0.028
81 12 14 1615		.3	1	32526	8	10A	130	4	44	2.2	13.20		0.022
MAXIMUM						2400	75000	490	550	18.7	13.20	0.9	0.086
ARITH MEAN						665	9664	124	167	10.0	11.0	0.4<A	0.031
GEOM MEAN						255	1398	50	84	7.8	10.9	0.3<A	0.025
MINIMUM						10	80	4	8	1.8	8.50	0.2	0.007
STD DEV (GEOM *)						6*	9*	5*	4*	6.1	1.6	0.2<A	0.021
# SAMPLES (IN STATISTICS)						11	12	10	11	10	11	11	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1200		.3	1	0.005	0.024	0.150	0.006	1.000		1.030	0.126	1.156	318.0
81 02 10 1220		.3	1	0.001	0.006	0.400	0.006	0.899		0.911	0.394	1.305	324.0
81 03 24 1240		.3	1	0.001	0.004	0.17	0.005	0.735	0.740	0.744	0.166	0.910	227
81 04 22 1300		.3	1	0.004	0.034	0.21	0.010	0.655	0.665	0.699	0.176	0.875	266
81 05 26 1245		.3	1	0.001<T	0.018	0.18	0.006	0.505	0.510	0.529	0.162	0.691	257
81 06 23 1300		.3	1	0.003	0.002	0.28	0.001<T	0.510	0.510	0.513	0.278	0.791	270
81 07 21 1230		.3	1	0.004	0.020	0.26	0.020	0.530	0.550	0.570	0.240	0.810	258
81 08 18 1000		.3	1	0.067	0.018	0.17	0.001	0.520	0.520	0.539	0.152	0.691	246
81 09 28 1245		.3	1	0.022	0.004	0.25	0.002	0.470	0.470	0.476	0.246	0.722	240
81 10 21 1120		.3	1	0.025	0.008	0.21	0.002	0.370	0.370	0.380	0.202	0.582	300
81 11 23 1315		.3	1	0.001<T	0.004	0.16	0.002	0.445	0.445	0.451	0.156	0.607	294
81 12 14 1615		.3	1	0.017	0.008	0.13	0.001	0.625	0.625	0.634	0.122	0.756	263
MAXIMUM				0.067	0.034	0.400	0.020	1.000	0.740	1.030	0.394	1.305	324.0
ARITH MEAN				0.013<A	0.012	0.21	0.005<A	0.605	0.540	0.623	0.202	0.825	271
GEOM MEAN				0.005<A	0.009	0.20	0.003<A	0.581	0.531	0.598	0.190	0.802	270
MINIMUM				0.001	0.002	0.13	0.001	0.370	0.370	0.380	0.122	0.582	227
STD DEV (GEOM *)				0.019<A	0.010	0.07	0.005<A	0.189	0.110	0.193	0.078	0.215	30
# SAMPLES (IN STATISTICS)				12	12	12	12	12	10	12	12	12	12

(CONTD)

B.O.W./ SITE: **SILVER CREEK**
SAMPLE POINT: **AT HIGHWAY NO 26 COLLINGWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SILVER CREEK**

STATION ID: **03-0047-001-02**
STORET CODE: **02 002 2340**

LAT: LONG: U T M: **17 0557750.0 4929550.0 4** REGION: **03** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L (RSP)	RESIDUE FILTERED MG/L (RSF)	CONDUCT. 25C UMHO/CM AT 25 C (COND25)	TURB'ITY FTU (TURB)	CHLORIDE UNF.REAC MG/L AS CL (CLIDUR)	ALK TOTAL MG/L AS CACO3 (ALKT)	PH (PH)	PH FIELD (FWPH)	PHENOLS UNF-REAC UG/L PHENOL (PHNOL)	IRON UNF.TOT. MG/L AS FE (FEUT)
81 01 21 1200	.3	1		20.0	298.0	500.0	7.60	7.000			8.0		
81 02 10 1220	.3	1		20.0		490.0	6.10	6.400		8.17	7.9		
81 03 24 1240	.3	1		7		475	5.40	6.85	234	8.26	8.10		
81 04 22 1300	.3	1		9		415	1.70	3.85	219	8.54	8.20		
81 05 26 1245	.3	1		3		390	1.00	3.55	193	8.45	8.20	1<T	
81 06 23 1300	.3	1		256		410	3.60	5.60	205	8.50	8.10	1<T	
81 07 21 1230	.3	1		11		380	0.98	3.05	194	8.47	8.00	1<T	
81 08 18 1000	.3	1		4.9		370	3.60	3.00	199	8.49	7.90	1<T	0.17
81 09 28 1245	.3	1		3.6		410	1.63	5.15	212	8.43	8.10	1<T	0.15
81 10 21 1120	.3	1		4.0		480	1.76	6.35	250	8.28	7.80	1<T	0.12
81 11 23 1315	.3	1		1.7		480	3.80	7.10	255	8.39	8.10	1<T	0.11
81 12 14 1615	.3	1		4.7		450	1.54	5.70	237	8.47	7.50	1<T	0.11
MAXIMUM				**256**	**298.0**	**500.0**	**7.60**	**7.10**	**255**	**8.54**	**8.20**	**1**	**0.17**
ARITH MEAN				**28**	**298.0**	**437**	**3.23**	**5.30**	**220**	**8.40**	**7.9**	**1<A**	**0.13**
GEOM MEAN				**8**		**435**	**2.59**	**5.06**	**219**	**8.40**	**7.9**	**1<A**	**0.13**
MINIMUM				**1.7**	**298.0**	**370**	**0.98**	**3.00**	**193**	**8.17**	**7.50**	**1**	**0.11**
STD DEV (GEOM *)				**71**		**46**	**2.19**	**1.55**	**23**	**0.12**	**0.2**	**0<A**	**0.03**
# SAMPLES (IN STATISTICS)				**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**8**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU (CUUT)	LEAD UNF.TOT. MG/L AS PB (PBUT)	ZINC UNF.TOT. MG/L AS ZN (ZNUT)
81 08 18 1000	.3	1		0.006	0.003<	0.002
81 09 28 1245	.3	1		0.011	0.003<	0.003
81 10 21 1120	.3	1		0.084	0.006	0.005
81 11 23 1315	.3	1		0.069	0.007	0.008
81 12 14 1615	.3	1		0.016	0.003<	0.004
MAXIMUM				**0.084**	**0.007**	**0.008**
ARITH MEAN				**0.037**	**0.006**	**0.004**
GEOM MEAN				**0.023**	**0.006**	**0.004**
MINIMUM				**0.006**	**0.006**	**0.002**
STD DEV (GEOM *)				**0.036**	**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**5**	**2**	**5**

B.O.W / SITE: **PRETTY RIVER**
SAMPLE POINT: **AT PARKWAY BRIDGE COLLINGWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **PRETTY RIVER**

STATION ID: **03-0053-001-02**
STORET CODE: **02 002 2420**

LAT: LONG: U T M: **17 0563999.0 4927875.0 4** REGION: **03** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER (SAMPLE)	STREAM COND. (FWSTRC)	COLIFORM TOTAL MF CNT /100ML (TCMF)	COLIFORM TOTAL MF BCKGRD CNT /100ML (TCMFBK)	FECAL COLIFORM MF CNT /100ML (FCMF)	FECAL STREPCUS MF CNT /100ML (FSMF)	WATER TEMP DEG.C (FWTEMP)	DISOLVED OXYGEN MG/L AS O (DO)	BOD 5 DAY TOT.DEM. MG/L AS O (BOD5)	PHOSPHOR UNF.TOT. MG/L AS P (PPUT)
81 01 21 1300	.3	1		32013	4	120I	680	24	4	0.0	12.2	0.6	0.014
81 02 10 1300	.3	1		32057	4	30I	550	4<	4	0.0	11.3	0.4	0.011
81 03 24 1300	.3	1		32109	8	10<	110	4<	4<	6.0	12.20	0.2<T	0.035
81 04 22 1320	.3	1		32157	8	10<	10A	4<	4<	7.2	11.40	0.2<T	0.006
81 05 26 1315	.3	1		32206	8	30A	6600	8	8	18.9	8.90	0.6	0.011
81 06 23 1330	.3	1		32255	8	1300A	40000	720	270	19.0		0.4	0.052
81 07 21 1250	.3	1		32286	8	210	2300	128	60	19.6	8.90	0.4	0.029
81 08 18 1020	.3	1		32337	8	1800	18000	240	150	20.0	8.70	0.2<T	0.016
81 09 28 1300	.3	1		32395	8	20A	60A	10<	60A	13.4	11.20	0.2<T	0.021
81 10 21 1140	.3	1		32434	8	100A	3600	10A	190	7.3	11.10	0.6	0.017
81 11 23 1330	.3	1		32473	8	100	940	20A	100	2.1	11.60	0.4	0.020
81 12 14 1645	.3	1		32525	8	380	730	4<	8	0.5	13.80		0.012
MAXIMUM						**1800**	**40000**	**720**	**270**	**20.0**	**13.80**	**0.6**	**0.052**
ARITH MEAN						**409**	**6132**	**164**	**85**	**11.4**	**11.0**	**0.4<A**	**0.020**
GEOM MEAN						**145**	**967**	**51**	**35**	**7.6**	**10.9**	**0.3<A**	**0.017**
MINIMUM						**20**	**10**	**8**	**4**	**0.5**	**8.70**	**0.2**	**0.006**
STD DEV (GEOM *)						**5***	**11***	**6***	**5***	**7.7**	**1.6**	**0.2<A**	**0.013**
# SAMPLES (IN STATISTICS)						**10**	**12**	**7**	**10**	**10**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P (PPO4FR)	NH3-N TOTAL FIL.REAC MG/L AS N (NNHTFR)	K'DAHL N TOTAL FIL.TOT. MG/L AS N (NNTKUR)	NO2-N FIL.REAC MG/L AS N (NNO2FR)	NO3-N FIL.REAC MG/L AS N (NNO3FR)	NO2+NO3N FIL.REAC MG/L AS N (NNOTFR)	INORG N TOTAL FIL.REAC MG/L (NNTIFR)	KJELDAHL ORGANIC UNF.REAC MG/L (NNKUR)	TOTAL N MG/L AS N (NNKI)	RESIDUE TOTAL MG/L (RST)
81 01 21 1300	.3	1		0.003	0.022	0.380	0.002	1.050		1.074	0.358	1.432	327.0
81 02 10 1300	.3	1		0.005	0.018	0.150	0.004	1.100		1.122	0.132	1.254	342.0
81 03 24 1300	.3	1		0.002	0.002	0.21	0.003	0.985	0.990	0.990	0.208	1.198	250
81 04 22 1320	.3	1		0.001	0.004	0.16	0.002	0.865	0.865	0.871	0.156	1.027	215
81 05 26 1315	.3	1		0.001<T	0.030	0.26	0.004	0.540	0.545	0.574	0.230	0.804	249
81 06 23 1330	.3	1		0.002	0.004	0.45	0.001<T	0.615	0.615	0.620	0.446	1.066	287
81 07 21 1250	.3	1		0.001<T	0.036	0.18	0.002	0.420	0.420	0.458	0.144	0.602	242
81 08 18 1020	.3	1		0.004	0.024	0.19	0.002	0.330	0.330	0.356	0.166	0.522	262
81 09 28 1300	.3	1		0.002	0.010	0.22	0.003	0.545	0.550	0.558	0.210	0.768	241
81 10 21 1140	.3	1		0.001	0.006	0.19	0.002	0.650	0.650	0.658	0.184	0.842	296
81 11 23 1330	.3	1		0.002	0.004	0.24	0.003	0.955	0.960	0.962	0.236	1.198	312
81 12 14 1645	.3	1		0.001	0.004	0.15	0.001<T	0.880	0.880	0.885	0.146	1.031	263
MAXIMUM				**0.005**	**0.036**	**0.45**	**0.004**	**1.100**	**0.990**	**1.122**	**0.446**	**1.432**	**342.0**
ARITH MEAN				**0.002<A**	**0.014**	**0.23**	**0.002<A**	**0.745**	**0.680**	**0.761**	**0.218**	**0.979**	**273**
GEOM MEAN				**0.002<A**	**0.009**	**0.21**	**0.002<A**	**0.698**	**0.643**	**0.718**	**0.203**	**0.940**	**271**
MINIMUM				**0.001**	**0.002**	**0.150**	**0.001**	**0.330**	**0.330**	**0.356**	**0.132**	**0.522**	**215**
STD DEV (GEOM *)				**0.001<A**	**0.012**	**0.09**	**0.001<A**	**0.259**	**0.231**	**0.254**	**0.094**	**0.275**	**38**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 21 1300	.3	1		17.0	310.0	540.0	6.50	13.500			7.8		
81 02 10 1300	.3	1		11.0		520.0	5.20	6.950		8.02	7.8		
81 03 24 1300	.3	1		23		465	12.00	6.45	230	8.30	8.10		
81 04 22 1320	.3	1		4		325	1.70	4.10	218	8.25	8.10		
81 05 26 1315	.3	1		2		380	0.88	4.40	182	8.49	8.20	1<T	
81 06 23 1330	.3	1		37		430	16.00	6.20	218	8.48	8.00	1<T	
81 07 21 1250	.3	1		228		350	1.35	4.05	180	8.40	8.10	3	
81 08 18 1020	.3	1		7.7		390	7.20	5.05	192	8.43	7.90	1<T	0.17
81 09 28 1300	.3	1		1.7		430	2.10	6.30	210	8.20	8.00	1<T	0.08
81 10 21 1140	.3	1		3.0		500	1.23	7.10	257	8.31	7.90	1<T	0.04
81 11 23 1330	.3	1		9.2		520	4.30	8.65	261	8.40	8.10	1<T	0.19
81 12 14 1645	.3	1		23.8		470	6.80	6.50	216	8.13	7.40	1<T	0.37
MAXIMUM				**228**	**310.0**	**540.0**	**16.00**	**13.500**	**261**	**8.49**	**8.20**	**3**	**0.37**
ARITH MEAN				**30**	**310.0**	**443**	**5.44**	**6.60**	**216**	**8.31**	**7.9**	**1<A**	**0.17**
GEOM MEAN				**10**		**437**	**3.72**	**6.23**	**215**	**8.31**	**7.9**	**1<A**	**0.13**
MINIMUM				**1.7**	**310.0**	**325**	**0.88**	**4.05**	**180**	**8.02**	**7.40**	**1**	**0.04**
STD DEV (GEOM *)				**63**		**71**	**4.69**	**2.56**	**28**	**0.15**	**0.2**	**1<A**	**0.13**
# SAMPLES (IN STATISTICS)				**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**8**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 18 1020	.3	1		0.004	0.003<	0.002
81 09 28 1300	.3	1		0.079	0.005	0.012
81 10 21 1140	.3	1		0.018	0.005	0.003
81 11 23 1330	.3	1		0.042	0.005	0.008
81 12 14 1645	.3	1		0.019	0.003<	0.006
MAXIMUM				**0.079**	**0.005**	**0.012**
ARITH MEAN				**0.032**	**0.005**	**0.006**
GEOM MEAN				**0.021**	**0.005**	**0.005**
MINIMUM				**0.004**	**0.005**	**0.002**
STD DEV (GEOM *)				**0.029**	**0.000**	**0.004**
# SAMPLES (IN STATISTICS)				**5**	**3**	**5**

B.O.W./ SITE: **BATTEAUX RIVER**
SAMPLE POINT: **AT HIGHWAY 26 COLLINGWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BATTEAUX RIVER**

STATION ID: **03-0054-001-02**
STORET CODE: **02 002 2430**

LAT: LONG: U T M: **17 0566250.0 4926200.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1320	.3	1		32014	4	640	1200	76	152	0.0	12.7	0.8	0.029
81 02 10 1320	.3	1		32058	4	290	2300	12	36	0.0	11.1	0.2<	0.029
81 03 24 1315	.3	1		32110	8	150	1040	4<	132	5.5	12.60	0.4	0.080
81 04 22 1350	.3	1		32158	8	20A	310	4<	24	8.9	11.80	0.2	0.010
81 05 26 1330	.3	1		32207	5	240A	23000	12	4<	20.0	8.40	1.2	0.017
81 06 23 1345	.3	1		32256	8	24000	32000	7600	1300	19.2		1.2	0.092
81 07 21 1315	.3	1		32287	8	130A	2900	24	52	19.5	9.50	0.8	0.048
81 08 18 1045	.3	1		32338	8 5	400	4200	130	100	20.0	8.50	0.4	0.052
81 09 28 1320	.3	1		32396	8	620A	5600	90A	80A	13.0	11.10	0.2	0.055
81 10 21 1200	.3	1		32435	8	360	5200	20A	270	7.9	11.90	0.2	0.058
81 11 23 1350	.3	1		32474	8	2300	7000	270	1500>	1.5	11.90	1.2	0.070
81 12 14 1700	.3	1		32524	8	140A	1360	10<	10A	0.0	13.80	0.2<T	0.018
MAXIMUM						**24000**	**32000**	**7600**	**1300**	**20.0**	**13.80**	**1.2**	**0.092**
ARITH MEAN						**2441**	**7176**	**915**	**216**	**12.8**	**11.2**	**0.6<A**	**0.046**
GEOM MEAN						**389**	**3378**	**79**	**87**	**10.1**	**11.0**	**0.5<A**	**0.038**
MINIMUM						**20**	**310**	**12**	**10**	**1.5**	**8.40**	**0.2**	**0.010**
STD DEV (GEOM *)						**6***	**4***	**8***	**4***	**7.2**	**1.7**	**0.4<A**	**0.026**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**10**	**9**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1320	.3	1		0.015	0.060	0.390	0.008	1.090		1.158	0.330	1.488	361.0
81 02 10 1320	.3	1		0.015	0.060	0.350	0.011	1.100		1.171	0.290	1.461	385.0
81 03 24 1315	.3	1		0.032	0.086	0.55	0.007	0.935	0.950	1.028	0.464	1.492	255
81 04 22 1350	.3	1		0.001	0.022	0.31	0.006	0.365	0.370	0.393	0.288	0.681	265
81 05 26 1330	.3	1		0.003	0.054	0.41	0.046	0.335	0.380	0.435	0.356	0.791	277
81 06 23 1345	.3	1		0.050	0.004	0.70	0.001<T	0.755	0.755	0.760	0.696	1.456	315
81 07 21 1315	.3	1		0.023	0.048	0.52	0.031	0.010	0.040	0.089	0.472	0.561	238
81 08 18 1045	.3	1		0.021	0.040	0.45	0.001	0.010	0.010	0.051	0.410	0.461	239
81 09 28 1320	.3	1		0.004	0.032	0.45	0.004	0.015	0.020	0.051	0.418	0.469	236
81 10 21 1200	.3	1		0.001<T	0.028	0.40	0.004	0.420	0.425	0.452	0.372	0.824	373
81 11 23 1350	.3	1		0.032	0.062	0.63	0.031	1.570	1.600	1.663	0.568	2.231	365
81 12 14 1700	.3	1		0.010	0.008	0.26	0.007	1.340	1.350	1.355	0.252	1.607	291
MAXIMUM				**0.050**	**0.086**	**0.70**	**0.046**	**1.570**	**1.600**	**1.663**	**0.696**	**2.231**	**385.0**
ARITH MEAN				**0.017<A**	**0.042**	**0.45**	**0.013<A**	**0.662**	**0.590**	**0.717**	**0.410**	**1.127**	**300**
GEOM MEAN				**0.010<A**	**0.032**	**0.43**	**0.007<A**	**0.268**	**0.244**	**0.432**	**0.393**	**0.992**	**295**
MINIMUM				**0.001**	**0.004**	**0.26**	**0.001**	**0.010**	**0.010**	**0.051**	**0.252**	**0.461**	**236**
STD DEV (GEOM *)				**0.015<A**	**0.024**	**0.12**	**0.015<A**	**0.545**	**0.562**	**0.551**	**0.127**	**0.567**	**57**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **BATTEAUX RIVER**
SAMPLE POINT: **AT HIGHWAY 26 COLLINGWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BATTEAUX RIVER**

STATION ID: **03-0054-001-02**
STORET CODE: **02 002 2430**

LAT: LONG: U.T.M: **17 0566250.0 4926200.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:		*RSP*		*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	
81 01 21 1320		.3	1	11.0	350.0	580.0	3.50	16.500			7.8		
81 02 10 1320		.3	1	6.0		620.0	3.50	27.000		8.06	7.9		
81 03 24 1315		.3	1	13		485	7.70	15.00	224	8.31	8.10		
81 04 22 1350		.3	1	3		440	1.50	12.50	208	8.43	8.40		
81 05 26 1330		.3	1	17		400	5.50	11.50	179	8.32	8.20	1<T	
81 06 23 1345		.3	1	298		460	3.60	13.00	223	8.49	8.10	1<T	
81 07 21 1315		.3	1	228		350	0.73	13.50	170	8.71	8.00		
81 08 18 1045		.3	1	3.4		410	2.00	13.50	203	8.63	8.10	1<T	0.15
81 09 28 1320		.3	1	10.9		465	2.40	14.00	218	8.30	8.20	1	0.13
81 10 21 1200		.3	1	5.0		550	0.91	14.50	278	8.45	8.10	1<T	0.07
81 11 23 1350		.3	1	3.5		580	4.30	16.50	277	8.44	8.20	1<T	0.22
81 12 14 1700		.3	1	8.9		560	2.30	15.00	234	8.26	7.40	1<T	
MAXIMUM				**298**	**350.0**	**620.0**	**7.70**	**27.000**	**278**	**8.71**	**8.40**	**1**	**0.22**
ARITH MEAN				**50**	**350.0**	**491**	**3.16**	**15.20**	**221**	**8.40**	**8.0**	**1<A**	**0.14**
GEOM MEAN				**12**		**484**	**2.58**	**14.84**	**219**	**8.40**	**8.0**	**1<A**	**0.13**
MINIMUM				**3**	**350.0**	**350**	**0.73**	**11.50**	**170**	**8.06**	**7.40**	**1**	**0.07**
STD DEV (GEOM *)				**100**		**85**	**2.00**	**4.00**	**36**	**0.18**	**0.2**	**0<A**	**0.06**
# SAMPLES (IN STATISTICS)				**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**7**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:		*CUUT*		*PBUT*	*ZNUT*	
81 08 18 1045		.3	1	0.004	0.003<	0.001<
81 09 28 1320		.3	1	0.012	0.004	0.001<
81 10 21 1200		.3	1	0.099	0.005	0.003
81 11 23 1350		.3	1	0.021	0.006	0.010
MAXIMUM				**0.099**	**0.006**	**0.010**
ARITH MEAN				**0.034**	**0.005**	**0.006**
GEOM MEAN				**0.018**	**0.005**	**0.005**
MINIMUM				**0.004**	**0.004**	**0.003**
STD DEV (GEOM *)				**0.044**	**0.001**	**0.005**
# SAMPLES (IN STATISTICS)				**4**	**3**	**2**

B.O.W./ SITE: **BOYNE RIVER**
SAMPLE POINT: **CONC.RD.6 EARL ROWE PROVINCIAL PARK**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-003-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0588200.0 4889200.0 4** REGION: **03** DISTANCE: **87.224**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:		*SAMPLE*		*FWSTRC*		*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*
81 01 29 1145		.3	1	32035	6	1.080	2900		10<		0.0	13.6	0.026
81 02 13 0830		.3	1	32077	6	0.840	220C		20I		0.0	12.9	0.022
81 03 26 1140		.3	1	32132	8	2.410	10<	150	10<		5.7	10.90	0.022
81 04 24 1415		.3	1	32184	8	2.010	70A	650	10A	10<	6.2	10.40	0.016
81 05 28 1330		.3	1	32230	8	0.814	200A	4200	70A	170	18.8	7.50	0.053
81 06 25 1330		.3	1	32279	8	1.160	200A	9000	40A	50A	17.4	8.60	0.056
81 07 23 1530		.3	1	32313	8	0.481	800A	17000	250	170	21.9	7.70	0.088
81 08 13 1315		.3	1	32330	8	0.875	790A	8000	320	80A	23.8	8.00	0.052
81 10 01 1245		.3	1	32418	8	1.150	100A	3900	10A	20A	10.2	8.40	0.047
81 10 20 1150		.3	1	32426	8	2.320	400	4800	20A	10A	7.2	11.80	0.042
81 11 25 1330		.3	1	32496	8	1.740	200A	2900	10<	10A	2.9	11.60	0.010
81 12 21 0807		.3	1	31644	8	1.330	40A	740	8	12	0.0	12.90	0.016
MAXIMUM						**2.410**	**2900**	**17000**	**320**	**170**	**23.8**	**13.6**	**0.088**
ARITH MEAN						**1.351**	**538**	**5134**	**83**	**65**	**12.7**	**10.3**	**0.037**
GEOM MEAN						**1.219**	**260**	**2694**	**35**	**36**	**10.3**	**10.1**	**0.031**
MINIMUM						**0.481**	**40**	**150**	**8**	**10**	**2.9**	**7.50**	**0.010**
STD DEV (GEOM *)						**0.627**	**3***	**4***	**4***	**3***	**7.8**	**2.2**	**0.023**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**9**	**8**	**9**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:		*NNHTFR*		*RSP*	*COND25*	*TURB*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	
81 01 29 1145		.3	1	0.116	3.00	560.0	2.40		231.0	8.07	7.7	1.000<	0.200
81 02 13 0830		.3	1	0.088		520.0	2.90		217.0	7.90	7.8		0.250
81 03 26 1140		.3	1	0.030	1	500	3.30	26.5	214	8.28	8.00	1 <T	
81 04 24 1415		.3	1	0.046	4	480	3.00	28.0	210	8.43	8.10		0.20
81 05 28 1330		.3	1	0.002	11	460	3.20		198	8.34	8.00	1 <T	0.44
81 06 25 1330		.3	1	0.008	18	445	1.00		199	8.17	7.90	1 <T	0.63
81 07 23 1530		.3	1	0.004	21	410	9.40		183	8.33	8.00		0.95
81 08 13 1315		.3	1	0.006	9.3	440	3.30	27.0	186	8.13	8.00		0.33
81 10 01 1245		.3	1	0.002	11.2	500	5.60	30.5	218	8.32	8.00	1 <T	0.40
81 10 20 1150		.3	1	0.028	10.0	500	2.10	29.0	229	8.52	8.00	1 <T	0.32
81 11 25 1330		.3	1	0.074	1.4	560	2.60	35.0	249	8.40	7.90	1 <T	0.14
81 12 21 0807		.3	1	0.004	2.7	580	1.60	40.0	232	8.25	7.95	1 <T	0.15
MAXIMUM				**0.116**	**21**	**580**	**9.40**	**40.0**	**249**	**8.52**	**8.10**	**1**	**0.95**
ARITH MEAN				**0.034**	**8**	**496**	**3.37**	**30.9**	**213**	**8.26**	**7.9**	**1 <A**	**0.36**
GEOM MEAN				**0.015**	**5**	**493**	**2.89**	**30.5**	**213**	**8.26**	**7.9**	**1 <A**	**0.30**
MINIMUM				**0.002**	**1**	**410**	**1.00**	**26.5**	**183**	**7.90**	**7.7**	**1**	**0.14**
STD DEV (GEOM *)				**0.039**	**6**	**52**	**2.21**	**4.9**	**19**	**0.17**	**0.1**	**0 <A**	**0.24**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**7**	**12**	**12**	**12**	**7**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L
81 01 29 1145		.3	1	0.002	0.001 <	0.0005<	0.003<	0.0002<	0.002<	0.003<	0.010<	20<W	50<W
81 02 13 0830		.3	1	0.001<	0.002	0.006	0.002<	0.0002<	0.003	0.003<	0.010<	20<W	50<W
81 03 26 1140		.3	1	0.001<	0.009	0.002	0.003<	0.0002<	0.002		0.010<	20<W	
81 04 24 1415		.3	1									20<W	
81 05 28 1330		.3	1	0.001<	0.004	0.027	0.016	0.0003	0.003		0.010<	20<W	
81 06 25 1330		.3	1	0.001<	0.0020<	0.006	0.003<	0.0002<	0.006		0.010<	20<W	
81 07 23 1530		.3	1	0.001<	0.0040	0.140	0.005	0.0009	0.008		0.010<	20<W	
81 08 13 1315		.3	1	0.001	0.0020<	0.018	0.003<	0.0002<	0.004		0.010<	20<W	
81 10 01 1245		.3	1	0.001<	0.0040	0.018	0.009	0.0004	0.008			20<W	
81 10 20 1150		.3	1	0.001<	0.0040	0.038	0.005	0.0004	0.005		0.005<T	20<W	
81 11 25 1330		.3	1	0.001<	0.0050	0.029	0.005	0.0005	0.008		0.005<T	20<W	
81 12 21 0807		.3	1	0.001<	0.004	0.006	0.008	0.0004	0.008		0.005<T	20<W	
	MAXIMUM			**0.002**	**0.009**	**0.140**	**0.016**	**0.0009**	**0.008**		**0.005**		**50**
	ARITH MEAN			**0.001**	**0.004**	**0.029**	**0.008**	**0.0005**	**0.005**		**0.005<A**		**50<A**
	GEOM MEAN			**0.001**	**0.004**	**0.015**	**0.007**	**0.0005**	**0.005**		**0.005<A**		**50<A**
	MINIMUM			**0.001**	**0.002**	**0.002**	**0.005**	**0.0003**	**0.002**		**0.005**		**50**
	STD DEV (GEOM *)			**0.001**	**0.002**	**0.040**	**0.004**	**0.0002**	**0.002**		**0.000<A**		**0<A**
	# SAMPLES (IN STATISTICS)			**2**	**8**	**10**	**6**	**6**	**10**		**3**		**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: P3245T 2,4,5-T NG/L
81 01 29 1145		.3	1	50 <W
81 02 13 0830		.3	1	50 <W
81 03 26 1140		.3	1	50.000<W
81 04 24 1415		.3	1	50.000<W
81 05 28 1330		.3	1	50 <W
81 06 25 1330		.3	1	100 <W
81 07 23 1530		.3	1	50 <W
81 08 13 1315		.3	1	50 <W
81 10 01 1245		.3	1	50 <W
81 10 20 1150		.3	1	50 <W
81 11 25 1330		.3	1	50 <W
81 12 21 0807		.3	1	50 <W
	MAXIMUM			**100**
	ARITH MEAN			**54 <A**
	GEOM MEAN			**52 <A**
	MINIMUM			**50**
	STD DEV (GEOM *)			**14 <A**
	# SAMPLES (IN STATISTICS)			**12**

B.O.W./ SITE: **PINE RIVER**
SAMPLE POINT: **UPSTREAM FROM CAMP BORDEN STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-005-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M.: **17 0587650.0 4905625.0 4** REGION: **03** DISTANCE: **54.555**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 29 1215		.3	1	32036	6	470	1150	10<	30I	0.0	13.6	0.2	0.018
81 02 13 1000		.3	1	32078	6	270	2100	10I	10<	0.0	12.4	1.1	0.011
81 03 26 1300		.3	1	32133	8	50A	290	4<	4<	4.7	10.50	0.6	0.032
81 04 24 1245		.3	1	32181	8	310	1400	10<	30A	6.0	9.30	0.4	0.025
81 05 28 1230		.3	1	32227	8	400A	15000	140	230	14.9	8.10	0.8	0.034
81 06 25 1215		.3	1	32276	8	400A	22000	10A	40A	13.7	9.40	0.6	0.133
81 07 23 1415		.3	1	32310	8	100<	20700	70A	40A	17.2	8.40	0.4	0.025
81 08 13 1200		.3	1	32327	8	420A	7400	50A	110	18.0	8.80	0.8	0.020
81 10 01 1130		.3	1	32415	8	190A	4900	50A	80A	8.2	8.40	0.8	0.022
81 10 20 1220		.3	1	32427	8	360A	7600	10A	30A	6.5	11.40	0.0	0.058
81 11 25 1200		.3	1	32493	8	340	4800	10A	10A	1.0	11.20	0.2<T	0.019
81 12 21 0958		3	1	31646	8	40A	400	4	12	0.0	14.20	0.2<T	0.025
	MAXIMUM					**470**	**22000**	**140**	**230**	**18.0**	**14.20**	**1.1**	**0.133**
	ARITH MEAN					**295**	**7312**	**39**	**61**	**10.0**	**10.4**	**0.6<A**	**0.035**
	GEOM MEAN					**235**	**3514**	**21**	**40**	**7.7**	**10.2**	**0.5<A**	**0.028**
	MINIMUM					**40**	**290**	**4**	**10**	**1.0**	**8.10**	**0.2**	**0.011**
	STD DEV (GEOM *)					**2***	**4***	**3***	**3***	**6.1**	**2.1**	**0.3<A**	**0.033**
	# SAMPLES (IN STATISTICS)					**11**	**12**	**9**	**10**	**9**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 29 1215		.3	1	0.005	0.032	0.220	0.014	1.840		1.886	0.188	2.074	309.0
81 02 13 1000		.3	1	0.010	0.042	0.080	0.011	2.090		2.143	0.038	2.181	305.0
81 03 26 1300		.3	1	0.004	0.016	0.31	0.008	2.540	2.550	2.564	0.294	2.858	278
81 04 24 1245		.3	1	0.002	0.008	0.34	0.015	2.150	2.170	2.173	0.332	2.505	300
81 05 28 1230		.3	1	0.004	0.020	0.38	0.006	1.490	1.500	1.516	0.360	1.876	279
81 06 25 1215		.3	1	0.090	0.010	0.33	0.001<T	1.150	1.150	1.161	0.320	1.481	270
81 07 23 1415		.3	1	0.007	0.002	0.26	0.008	0.935	0.945	0.945	0.258	1.203	269
81 08 13 1200		.3	1	0.005	0.006	0.21	0.003	0.810	0.815	0.819	0.204	1.023	270
81 10 01 1130		.3	1	0.004	0.008	0.23	0.005	0.685	0.690	0.698	0.222	0.920	242
81 10 20 1220		.3	1	0.005	0.012	0.32	0.001	0.970	0.970	0.983	0.308	1.291	301
81 11 25 1200		.3	1	0.004	0.016	0.40	0.007	1.440	1.450	1.463	0.384	1.847	299
81 12 21 0958		3	1	0.001	0.002	0.30	0.001	2.400	2.400	2.403	0.298	2.701	303
	MAXIMUM			**0.090**	**0.042**	**0.40**	**0.015**	**2.540**	**2.550**	**2.564**	**0.384**	**2.858**	**309.0**
	ARITH MEAN			**0.012**	**0.014**	**0.28**	**0.007<A**	**1.542**	**1.464**	**1.563**	**0.267**	**1.830**	**285**
	GEOM MEAN			**0.005**	**0.010**	**0.26**	**0.005<A**	**1.412**	**1.328**	**1.431**	**0.238**	**1.717**	**284**
	MINIMUM			**0.001**	**0.002**	**0.080**	**0.001**	**0.685**	**0.690**	**0.698**	**0.038**	**0.920**	**242**
	STD DEV (GEOM *)			**0.025**	**0.012**	**0.08**	**0.005<A**	**0.648**	**0.682**	**0.655**	**0.094**	**0.657**	**20**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./SITE: **PINE RIVER**
SAMPLE POINT: **UPSTREAM FROM CAMP BORDEN STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-005-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0587650.0 4905625.0 4** REGION: **03** DISTANCE: **54.555**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 29 1215		.3	1	12.0	297.0	470.0		8.800		8.16	7.8		
81 02 13 1000		.3	1	14.0	291.0	470.0		10.000		8.35	7.8		
81 03 26 1300		.3	1		261	455	9.40	8.40	208	8.26	8.00		
81 04 24 1245		.3	1		288	440	8.00	8.30	203	8.42	7.90		
81 05 28 1230		.3	1		266	430	4.70	8.65	198	8.46	8.00		
81 06 25 1215		.3	1		251	420	3.00	7.45	199	8.32	8.00		
81 07 23 1415		.3	1		260	400	2.50	8.30	8	8.35	7.90		
81 08 13 1200		.3	1		260	400	4.00	7.50	191	8.30	7.90	0.007	0.003<
81 10 01 1130		.3	1		238	420	1.56	8.65	202	8.24	7.80	0.027	0.009
81 10 20 1220		.3	1		294	450	2.60	8.75	215	8.32	7.80	0.014	0.006
81 11 25 1200		.3	1		290	460	7.70	11.00	218	8.30	7.80	0.019	0.003<
81 12 21 0958		.3	1		282	470	8.30	10.00	220	8.52	7.90	0.004	0.006
	MAXIMUM			**14.0**	**297.0**	**470.0**	**9.40**	**11.00**	**220**	**8.52**	**8.00**	**0.027**	**0.009**
	ARITH MEAN			**13.0**	**273**	**440**	**5.18**	**8.81**	**186**	**8.33**	**7.8**	**0.014**	**0.007**
	GEOM MEAN			**13.0**	**272**	**439**	**4.40**	**8.76**	**149**	**8.33**	**7.8**	**0.011**	**0.007**
	MINIMUM			**12.0**	**238**	**400**	**1.56**	**7.45**	**8**	**8.16**	**7.8**	**0.004**	**0.006**
	STD DEV (GEOM *)			**1.4**	**19**	**26**	**2.89**	**1.04**	**63**	**0.10**	**0.0**	**0.009**	**0.002**
	# SAMPLES (IN STATISTICS)			**2**	**12**	**12**	**10**	**12**	**10**	**12**	**12**	**5**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*ZNUT*
81 08 13 1200		.3	1	0.003
81 10 01 1130		.3	1	0.005
81 10 20 1220		.3	1	0.003
81 11 25 1200		.3	1	0.008
81 12 21 0958		.3	1	0.003
	MAXIMUM			**0.008**
	ARITH MEAN			**0.004**
	GEOM MEAN			**0.004**
	MINIMUM			**0.003**
	STD DEV (GEOM *)			**0.002**
	# SAMPLES (IN STATISTICS)			**5**

B.O.W./SITE: **NOTTAWASAGA RIVER**
SAMPLE POINT: **AT HIGHWAY NO 92 WASAGA BEACH**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-006-83**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0578050.0 4930225.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 21 1400		.3	1	32015	4			12	20	0.0	7.3		0.040
81 02 10 1400		.3	1	32059	4	2300	5200	236	92	0.0	7.6		0.050
81 02 20 0930		.3	1	31096	4			370	9100	1.0	12.2		0.208
81 03 05 0945		.3	1	31010	6			10<	10<	1.0	11.3		0.052
81 03 12 1300		.3	1	31015	8			10I	60I				0.032
81 03 19 0915		.3	1	31018	6			10<	10A	1.0	12.00	9.0	0.029
81 03 24 1345		.3	1	32111	8	60A	820	4<	4	4.8	11.80	0.2	0.030
81 04 01 1450		.3	1	31082	6			20A	270	9.5	11.60		0.112
81 04 10 0933		.3	1	31083	6 8	190	3000>	10<	10<	11.0	11.40		0.039
81 04 14 1000		.3	1	31089	6 8			10<	40A	8.0	10.50		0.100
81 05 07 1000		.3	1	31153	6 8			10<	50A	12.5	11.50		0.052
81 05 26 1400		.3	1	32208	8	1000A	1460000	4<	4<	19.5	7.30		0.058
81 06 23 1415		.3	1	32257	8	260A	9500	10A	20A	20.0			0.065
81 07 21 1345		.3	1	32288	8	110A	4900	4	24	22.3	7.70		0.062
81 08 18 1120		.3	1	32339	8	1000	13000	90A	30A	20.1	7.40		0.070
81 09 28 1400		.3	1	32397	8	180A	420	60A	70A	13.2	9.90		0.159
81 10 21 1230		.3	1	32436	8	720A	9400	10A	60A	7.8	9.20		0.065
81 11 23 1430		.3	1	32475	8	1300	22000	490	1430	1.2	10.40		0.038
81 12 14 1530		.3	1	32523	4	860	2040	20<	20<	0.9	11.40		0.028
	MAXIMUM					**2300**	**1460000**	**490**	**9100**	**22.3**	**12.2**	**9.0**	**0.208**
	ARITH MEAN					**725**	**152728**	**119**	**752**	**9.6**	**10.0**	**4.6**	**0.068**
	GEOM MEAN					**436**	**7629**	**38**	**66**	**5.6**	**9.8**	**1.3**	**0.057**
	MINIMUM					**60**	**420**	**4**	**4**	**0.9**	**7.3**	**0.2**	**0.028**
	STD DEV (GEOM *)					**3***	**9***	**5***	**7***	**7.7**	**1.8**	**6.2**	**0.047**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**11**	**15**	**16**	**17**	**2**	**19**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1400		.3	1	0.010		0.400	0.017	1.230				1.647	
81 02 10 1400		.3	1	0.028		0.480	0.022	1.230				1.732	
81 02 20 0930		.3	1	0.068		0.950	0.140	1.810				2.900	
81 03 05 0945		.3	1	0.013		0.600	0.020	1.780				2.400	
81 03 12 1300		.3	1	0.011		0.510	0.020	1.430				1.960	
81 03 19 0915		.3	1	0.010	0.042	0.46	0.028	1.320	1.350	1.390	0.418	1.808	338
81 03 24 1345		.3	1	0.010	0.050	0.41	0.011	1.490	1.500	1.551	0.360	1.911	288
81 04 01 1450		.3	1	0.010		0.62	0.013	0.677	0.690			1.310	
81 04 10 0933		.3	1	0.012	0.042	0.54	0.027	0.655	0.680	0.724	0.498	1.222	
81 04 14 1000		.3	1			0.25	0.004	0.610	0.615			0.864	
81 05 07 1000		.3	1	0.013		0.47	0.008	0.780	0.790			1.258	
81 05 26 1400		.3	1	0.017	0.006	0.61	0.045	0.555	0.600	0.606	0.604	1.210	
81 06 23 1415		.3	1	0.021	0.004	0.55	0.001<T	0.750	0.750	0.755	0.546	1.301	
81 07 21 1345		.3	1	0.018	0.202	0.62	0.002	0.555	0.555	0.759	0.418	1.177	
81 08 18 1120		.3	1	0.017	0.032	0.65	0.020	0.650	0.670	0.702	0.618	1.320	
81 09 28 1400		.3	1	0.030	0.046	0.49	0.003	0.635	0.640	0.684	0.444	1.128	
81 10 21 1230		.3	1	0.011	0.010	0.55	0.013	0.770	0.785	0.793	0.540	1.333	
81 11 23 1430		.3	1	0.019	0.038	0.56	0.024	1.280	1.300	1.342	0.522	1.864	
81 12 14 1530		.3	1	0.013	0.004	0.46	0.001<T	1.350	1.350	1.355	0.456	1.811	
MAXIMUM				**0.068**	**0.202**	**0.950**	**0.140**	**1.810**	**1.500**	**1.551**	**0.618**	**2.900**	**338**
ARITH MEAN				**0.018**	**0.043**	**0.53**	**0.022<A**	**1.029**	**0.877**	**0.969**	**0.493**	**1.587**	**313**
GEOM MEAN				**0.016**	**0.023**	**0.51**	**0.011<A**	**0.949**	**0.825**	**0.915**	**0.487**	**1.521**	**312**
MINIMUM				**0.010**	**0.004**	**0.25**	**0.001**	**0.555**	**0.555**	**0.606**	**0.360**	**0.864**	**288**
STD DEV (GEOM *)				**0.014**	**0.056**	**0.13**	**0.031<A**	**0.426**	**0.336**	**0.356**	**0.082**	**0.495**	**35**
# SAMPLES (IN STATISTICS)				**18**	**11**	**19**	**19**	**19**	**14**	**11**	**11**	**19**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH FIELD	FWPH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 21 1400		.3	1	6.00	321.00	540.0			245.0	7.51	7.3		
81 02 10 1400		.3	1	10.00	331.00	560.0			262.0	7.61	7.5		
81 02 20 0930		.3	1	100.00	228.000	350.0			148.0	7.42	7.7		
81 03 05 0945		.3	1	12.00	273.00	430.0			177.0	7.67	7.8		
81 03 12 1300		.3	1	11.00	285.00	465.0			199.0	7.98			
81 03 19 0915		.3	1	16	322	520	5.90	15.50	228	7.86	7.50		0.46
81 03 24 1345		.3	1	10	278	520	8.70	15.50	231	7.92	7.70	1<T	0.52
81 04 01 1450		.3	1	60	262				200	8.17	7.90		
81 04 10 0933		.3	1	18	278	455			207	8.33	7.20		
81 04 14 1000		.3	1	4	285				220	8.68	8.10		
81 05 07 1000		.3	1	319	277				213	8.18	8.25		
81 05 26 1400		.3	1	14	300	470			218	8.14	7.70		
81 06 23 1415		.3	1	18	277	450			224	8.21	7.80	1<T	
81 07 21 1345		.3	1	19	282	440			208	8.14	7.70	1<T	
81 08 18 1120		.3	1	15.0	294	450			217	8.10	7.60		
81 09 28 1400		.3	1	11.3	281	485			229	8.14	7.70	1<T	
81 10 21 1230		.3	1	10.0	328	520			237	8.03	7.60	1<T	
81 11 23 1430		.3	1	9.2	328	520			232	8.22	7.90		
81 12 14 1530		.3	1	12.7	319	540			244	8.30	7.00		
MAXIMUM				**319**	**331.00**	**560.0**	**8.70**	**15.50**	**262.0**	**8.68**	**8.25**	**1**	**0.52**
ARITH MEAN				**35**	**292**	**482**	**7.30**	**15.50**	**217**	**8.03**	**7.6**	**1<A**	**0.49**
GEOM MEAN				**16**	**290**	**479**	**7.16**	**15.50**	**216**	**8.03**	**7.6**	**1<A**	**0.49**
MINIMUM				**4**	**228.000**	**350.0**	**5.90**	**15.50**	**148.0**	**7.42**	**7.00**	**1**	**0.46**
STD DEV (GEOM *)				**72**	**27**	**54**	**1.98**	**0.00**	**25**	**0.31**	**0.3**	**0<A**	**0.04**
# SAMPLES (IN STATISTICS)				**19**	**19**	**16**	**2**	**2**	**19**	**19**	**18**	**5**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 01 21 1400		.3	1	0.001<		0.001	0.004	0.004	0.0005	0.011	
81 02 10 1400		.3	1	0.001<	0.040<	0.012	0.004	0.006	0.0002<	0.039	20<W
81 02 20 0930		.3	1	0.002	0.040<	0.006	0.014	0.002<	0.002	0.024	20<W
81 03 05 0945		.3	1	0.001<	0.090	0.006	0.004	0.007	0.0005	0.012	20<W
81 03 12 1300		.3	1	0.001<	0.040<	0.007	0.004	0.004	0.0002<	0.010	20<W
81 03 19 0915		.3	1	0.001<	0.06	0.009	0.021	0.010	0.0008	0.011	20<W
81 03 24 1345		.3	1	0.001<		0.002 <	0.008	0.003<	0.0004	0.006	20<W
81 04 01 1450		.3	1	0.001	0.06	0.006	0.003	0.003<	0.0002<	0.013	20<W
81 04 10 0933		.3	1	0.001<	0.06	0.002 <	0.006	0.003<	0.0009	0.022	20<W
81 04 14 1000		.3	1	0.001<		0.002 <	0.001<	0.003<	0.0002<	0.002	20<W
81 05 07 1000		.3	1	0.001<		0.006	0.001<	0.003<	0.0004	0.008	20<W
81 05 26 1400		.3	1	0.001<		0.002 <	0.080	0.020	0.0002<	0.006	20<W
81 06 23 1415		.3	1	0.001<	0.07 <	0.0020<	0.018	0.003<	0.0002<	0.003	20<W
81 07 21 1345		.3	1	0.001<		0.0020	0.008	0.003<	0.0001	0.003	20<W
81 08 18 1120		.3	1	0.001<		0.0050	0.006	0.003<	0.0001<	0.004	20<W
81 09 28 1400		.3	1	0.001<		0.0060	0.084	0.005	0.0003	0.120	20<W
81 10 21 1230		.3	1	0.001<	0.07 <	0.0030	0.028	0.003<	0.0002	0.010	20<W
81 11 23 1430		.3	1	0.001<	0.03 <	0.0040	0.058	0.008	0.0005	0.015	20<W
81 12 14 1530		.3	1		0.03 <	0.004	0.027	0.010	0.0004	0.014	
MAXIMUM				**0.002**	**0.090**	**0.012**	**0.084**	**0.020**	**0.002**	**0.120**	
ARITH MEAN				**0.001**	**0.06**	**0.005**	**0.022**	**0.008**	**0.000**	**0.018**	
GEOM MEAN				**0.001**	**0.06**	**0.004**	**0.012**	**0.007**	**0.000**	**0.010**	
MINIMUM				**0.001**	**0.06**	**0.001**	**0.003**	**0.004**	**0.0001**	**0.002**	
STD DEV (GEOM *)				**0.001**	**0.01**	**0.002**	**0.026**	**0.005**	**0.000**	**0.026**	
# SAMPLES (IN STATISTICS)				**2**	**4**	**14**	**17**	**9**	**12**	**19**	

B.O.W./ SITE: **BOYNE RIVER**
SAMPLE POINT: **COUNTY ROAD 10, DOWNSTREAM FROM ALLISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-007-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0593590.0 4890500.0 4** REGION: **03** DISTANCE: **78.212**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 29 1110		.3	1	32034	6	18000	40000	280	1500>	0.0	12.8	1.5	0.118
81 02 12 1130		.3	1	32076	6	10900	10000	140	330	0.0	11.9	0.8	0.100
81 03 26 1110		.3	1	32131	8	1000	14000	20<	20A	5.1	10.70	0.6	0.038
81 04 24 1345		.3	1	32183	8	6500	8000	140	10A	6.8	9.70	0.6	0.081
81 05 28 1315		.3	1	32229	8	3300A	43000	90A	30A	16.4	7.50	1.2	0.150
81 06 25 1310		.3	1	32278	8	800A	34000	170	60A	16.0	7.70	1.2	0.162
81 07 23 1500		.3	1	32312	8	15000>	15000>	980	200	19.6	7.70	1.0	0.325
81 08 13 1300		.3	1	32329	8	4700A	33000	130	180	21.1	7.60	1.2	0.218
81 10 01 1230		.3	1	32417	8	760A	5100	40A	160	9.9	7.70	1.6	0.255
81 10 20 1130		.3	1	32425	8	600A	10300	10A	30A	7.4	11.00	0.0	0.098
81 11 25 1300		.3	1	32495	8	2600	6200	70A	20A	1.8	11.20	0.2<T	0.106
81 12 21 0920		.3	1	31645	8	5200	15000	250	50A	0.0	13.20	0.6	0.093
MAXIMUM						**18000**	**43000**	**980**	**330**	**21.1**	**13.20**	**1.6**	**0.325**
ARITH MEAN						**4942**	**19873**	**209**	**99**	**11.6**	**9.8**	**1.0<A**	**0.145**
GEOM MEAN						**2842**	**15274**	**120**	**57**	**9.3**	**9.6**	**0.8<A**	**0.126**
MINIMUM						**600**	**5100**	**10**	**10**	**1.8**	**7.50**	**0.2**	**0.038**
STD DEV (GEOM *)						**3***	**2***	**3***	**3***	**6.9**	**2.1**	**0.4<A**	**0.083**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**11**	**9**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 29 1110		.3	1	0.093	0.074	0.480	0.059	2.340		2.473	0.406	2.879	375.0
81 02 12 1130		.3	1	0.091	0.076	0.250	0.035	2.560		2.671	0.174	2.845	378.0
81 03 26 1110		.3	1	0.021	0.020	0.37	0.010	2.190	2.200	2.220	0.350	2.570	319
81 04 24 1345		.3	1	0.057	0.018	0.47	0.059	1.500	1.560	1.577	0.452	2.029	340
81 05 28 1315		.3	1		0.002	0.67	0.002	1.600	1.600	1.604	0.668	2.272	373
81 06 25 1310		.3	1	0.095	0.006	0.55	0.001<T	1.350	1.350	1.357	0.544	1.901	338
81 07 23 1500		.3	1	0.270	0.002<T	0.68	0.011	2.290	2.300	2.303	0.678	2.981	333
81 08 13 1300		.3	1	0.165	0.004	0.50	0.002	1.500	1.500	1.506	0.496	2.002	342
81 10 01 1230		.3	1		0.130	0.57	0.094	1.510	1.600	1.734	0.440	2.174	308
81 10 20 1130		.3	1	0.052	0.030	0.28	0.013	1.040	1.050	1.083	0.250	1.333	357
81 11 25 1300		.3	1	0.086	0.048	0.50	0.016	1.630	1.650	1.694	0.452	2.146	360
81 12 21 0920		.3	1	0.077	0.006	0.39	0.054	2.350	2.400	2.410	0.384	2.794	315
MAXIMUM				**0.270**	**0.130**	**0.68**	**0.094**	**2.560**	**2.400**	**2.671**	**0.678**	**2.981**	**378.0**
ARITH MEAN				**0.101**	**0.035<A**	**0.47**	**0.030<A**	**1.822**	**1.721**	**1.886**	**0.441**	**2.327**	**344**
GEOM MEAN				**0.083**	**0.016<A**	**0.45**	**0.014<A**	**1.759**	**1.671**	**1.822**	**0.415**	**2.274**	**344**
MINIMUM				**0.021**	**0.002**	**0.250**	**0.001**	**1.040**	**1.050**	**1.083**	**0.174**	**1.333**	**308**
STD DEV (GEOM *)				**0.070**	**0.040<A**	**0.13**	**0.030<A**	**0.493**	**0.438**	**0.507**	**0.148**	**0.496**	**24**
# SAMPLES (IN STATISTICS)				**10**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 29 1110		.3	1	4.0	371.0	600.0		29.000		8.03	7.6		
81 02 12 1130		.3	1	14.0	364.0	580.0		24.500		7.83	7.7		
81 03 26 1110		.3	1		317	540	3.40	23.00	219	8.34	7.90		
81 04 24 1345		.3	1		335	540	2.50	24.50	216	8.42	8.00		
81 05 28 1315		.3	1		367	560	2.10	28.50	214	8.19	7.80		
81 06 25 1310		.3	1		317	500	1.00	22.50	208	8.12	7.80		
81 07 23 1500		.3	1		327	520	4.70	27.00	199	8.24	7.80		
81 08 13 1300		.3	1		333	520	2.30	24.50	199	8.04	7.80	0.003	0.003<
81 10 01 1230		.3	1		303	580	2.00	29.00	221	8.14	7.70	0.010	0.003<
81 10 20 1130		.3	1		349	520	2.80	21.50	232	8.37	7.90	0.006	0.003<
81 11 25 1300		.3	1		357	600	1.60	31.00	255	8.23	7.80	0.015	0.003<
81 12 21 0920		.3	1		304	610	2.80	24.00	262	8.65	8.00	0.007	0.006
MAXIMUM				**14.0**	**371.0**	**610**	**4.70**	**31.00**	**262**	**8.65**	**8.00**	**0.015**	**0.006**
ARITH MEAN				**9.0**	**337**	**555**	**2.52**	**25.75**	**222**	**8.22**	**7.8**	**0.008**	**0.006**
GEOM MEAN				**7.5**	**336**	**554**	**2.34**	**25.58**	**222**	**8.21**	**7.8**	**0.007**	
MINIMUM				**4.0**	**303**	**500**	**1.00**	**21.50**	**199**	**7.83**	**7.6**	**0.003**	**0.006**
STD DEV (GEOM *)				**7.1**	**24**	**37**	**1.02**	**3.04**	**21**	**0.21**	**0.1**	**0.005**	
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**10**	**12**	**10**	**12**	**12**	**5**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L	P3245T 2,4,5-T NG/L
81 08 13 1300		.3	1	0.003		
81 10 01 1230		.3	1	0.011		
81 10 20 1130		.3	1	0.001<		
81 11 25 1300		.3	1	0.007		
81 12 21 0920		.3	1	0.005	20<W	50<W
MAXIMUM				**0.011**		**50**
ARITH MEAN				**0.006**		**50<A**
GEOM MEAN				**0.006**		
MINIMUM				**0.003**		**50**
STD DEV (GEOM *)				**0.003**		
# SAMPLES (IN STATISTICS)				**4**		**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **LAMONT CREEK**
SAMPLE POINT: **HIGHWAY 26 STAYNER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-009-02**
STORET CODE: **02 002 2470**

LAT: LONG: U T M: **17 0571900.0 4918850.0 4** REGION: **03** DISTANCE: **18.024**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1140		.3	1	32011	6	380	2600	40	204	0 0	12 2	0 4	0 050
81 02 10 1140		.3	1	32055	4	200	2400	28	40	0 0	11 5	0 2	0 079
81 03 24 1200		.3	1	32107	8	630	3000>	28	208	4 8	12 20	0 4	0 108
81 04 22 1230		.3	1	32155	8	1440	6000>	188	4	9 0	11 60	0 2	0 042
81 05 26 1215		.3	1	32204	8	960A	48000>	24	20	19 8	8 70	1 0	0 084
81 06 23 1210		.3	1	32253	8	5400A	70000	3400	210	17 9		2 2	0 232
81 07 21 1210		.3	1	32284	8	3800A	240000>	1980	2260	17 9	8 50	0 4	0 064
81 08 18 0930		.3	1	32335	8	1800	13000	300	330	17 5	8 40	0 6	0 493
81 09 28 1215		.3	1	32393	8	6000A	28000	40A	380	11 6	11 20	0 4	0 150
81 10 21 1100		.3	1	32432	8	600A	16000	40A	80A	7 2	10 80	0 4	0 051
81 11 23 1230		.3	1	32471	8	1380A	5100	650	1240	2 0	11 60	0 4	0 192
81 12 14 1730		.3	1	32527	8	1400	3500	30A	900	1 0	13 20		0 065
MAXIMUM						**6000**	**70000**	**3400**	**2260**	**19 8**	**13 20**	**2 2**	**0 493**
ARITH MEAN						**1999**	**17575**	**562**	**490**	**10 9**	**10 9**	**0 6**	**0 134**
GEOM MEAN						**1266**	**9060**	**120**	**173**	**7 8**	**10 7**	**0 5**	**0 100**
MINIMUM						**200**	**2400**	**24**	**4**	**1 0**	**8 40**	**0 2**	**0 042**
STD DEV (GEOM *)						**3***	**3***	**6***	**6***	**7 1**	**1 6**	**0 6**	**0 128**
# SAMPLES (IN STATISTICS)						**12**	**8**	**12**	**12**	**10**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1140		.3	1	0 025	0 136	0 560	0 011	1 140		1 287	0 424	1 711	464 0
81 02 10 1140		.3	1	0 048	0 274	0 710	0 012	1 200		1 486	0 436	1 922	501 0
81 03 24 1200		.3	1	0 060	0 128	0 69	0 010	1 290	1 300	1 428	0 562	1 990	291
81 04 22 1230		.3	1	0 021	0 042	0 46	0 008	0 250	0 260	0 300	0 418	0 718	374
81 05 26 1215		.3	1	0 039	0 012	0 79			0 710		0 778	1 500	289
81 06 23 1210		.3	1	0 120	0 004	1 32	0 002	0 880	0 880	0 886	1 316	2 202	357
81 07 21 1210		.3	1	0 042	0 036	0 43	0 010	1 790	1 800	1 836	0 394	2 230	544
81 08 18 0930		.3	1		0 046	0 33	0 007	2 670	2 680	2 723	0 284	3 007	413
81 09 28 1215		.3	1	0 075	0 036	0 55	0 005	0 095	0 100	0 136	0 514	0 650	491
81 10 21 1100		.3	1	0 092	0 030	0 24	0 004	0 120	0 125	0 154	0 210	0 364	531
81 11 23 1230		.3	1	0 155	0 040	0 58	0 021	0 775	0 795	0 836	0 540	1 376	471
81 12 14 1730		.3	1	0 042	0 004	0 53	0 012	1 340	1 350	1 356	0 526	1 882	426
MAXIMUM				**0 155**	**0 274**	**1 32**	**0 021**	**2 670**	**2 680**	**2 723**	**1 316**	**3 007**	**544**
ARITH MEAN				**0 065**	**0 066**	**0 59**	**0 009**	**1 050**	**1 000**	**1 130**	**0 533**	**1 629**	**429**
GEOM MEAN				**0 055**	**0 034**	**0 54**	**0 008**	**0 707**	**0 651**	**0 800**	**0 481**	**1 414**	**420**
MINIMUM				**0 021**	**0 004**	**0 24**	**0 002**	**0 095**	**0 100**	**0 136**	**0 210**	**0 364**	**289**
STD DEV (GEOM *)				**0 042**	**0 078**	**0 27**	**0 005**	**0 766**	**0 812**	**0 781**	**0 285**	**0 759**	**86**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 21 1140		.3	1	6 0	458 0	780 0	2 00	48 000			7 7		
81 02 10 1140		.3	1	5 0	496 0	680 0		60 000		7 97	7 8		
81 03 24 1200		.3	1		286	560	3 20	30 00	235	8 15	8 10		
81 04 22 1230		.3	1		371	620	4 50	48 00	245	8 49	8 20		
81 05 26 1215		.3	1		285	640	1 50	52 00	236	8 44	8 00		
81 06 23 1210		.3	1		347	580	3 00	37 00	231	7 91	7 80		
81 07 21 1210		.3	1		542	920	0 88	121 00	267	8 30	8 00		
81 08 18 0930		.3	1		412	710	1 15	67 00	257	8 28	7 70	0 008	0 003<
81 09 28 1215		.3	1		489	900	2 00	111 00	289	8 22	7 90	0 021	0 006
81 10 21 1100		.3	1		522	840	1 63	85 00	326	8 25	7 80	0 023	0 007
81 11 23 1230		.3	1		469	740	2 60	51 50	305	8 18	7 90	0 024	0 008
81 12 14 1730		.3	1		422	790	1 68	63 00	275	8 30	7 20	0 024	0 007
MAXIMUM				**6 0**	**542**	**920**	**4 50**	**121 00**	**326**	**8 49**	**8 20**	**0 024**	**0 008**
ARITH MEAN				**5 5**	**424**	**730**	**2 19**	**64 45**	**267**	**8 23**	**7 8**	**0 020**	**0 007**
GEOM MEAN				**5 5**	**416**	**721**	**1 98**	**59 52**	**265**	**8 22**	**7 8**	**0 019**	**0 007**
MINIMUM				**5 0**	**285**	**560**	**0 88**	**30 00**	**231**	**7 91**	**7 20**	**0 008**	**0 006**
STD DEV (GEOM *)				**0 7**	**87**	**119**	**1 05**	**27 99**	**32**	**0 17**	**0 2**	**0 007**	**0 001**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**11**	**12**	**10**	**11**	**12**	**5**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 18 0930		.3	1	0 004
81 09 28 1215		.3	1	0 010
81 10 21 1100		.3	1	0 009
81 11 23 1230		.3	1	0 017
81 12 14 1730		.3	1	0 009
MAXIMUM				**0 017**
ARITH MEAN				**0 010**
GEOM MEAN				**0 009**
MINIMUM				**0 004**
STD DEV (GEOM *)				**0 005**
# SAMPLES (IN STATISTICS)				**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **PINE RIVER**
SAMPLE POINT: **UPSTREAM FROM NOTTAWASAGA RIVER ANGUS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-010-02**
STORET CODE: **02 002 2470**

LAT. LONG. U.T.M: **17 0588800.0 4907600.0 4** REGION: **03** DISTANCE: **51.819**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 29 1300		.3	1	32037	6	1200	3600	20I	40I	0.0	13.4	1.6	0.095
81 02 13 1030		.3	1	32079	6	23000	25000	110	50I	0.0	12.7	1.0	0.045
81 03 26 1330		.3	1	32134	8	70A	3000>	4<	4<	4.8	10.60	0.6	0.078
81 04 24 1300		.3	1	32182	8	170	320	10A	40A	5.9	10.30	0.4	0.062
81 05 28 1245		.3	1	32228	8	400A	14000	50A	90A	14.8	8.00	0.8	0.072
81 06 25 1230		.3	1	32277	8	300A	15000>	50A	20A	13.9	9.20	0.6	0.700
81 07 23 1430		.3	1	32311	8	500A	19000	130	50A	17.3	8.20	0.4	0.099
81 08 13 1215		.3	1	32328	8	2100	25000	70A	360	18.9	8.80	0.6	0.091
81 10 01 1145		.3	1	32416	8	540A	5300	40A	40A	8.1	8.30	0.2<T	0.109
81 10 20 1220		.3	1	32428	8	260	2800	10<	40A	6.9	11.40	0.0	0.068
81 11 25 1215		.3	1	32494	8	250	1700	10<	50A	1.0	11.20	0.2<T	0.098
81 12 21 1030		.3	1	31647	4	10<	720	8	4<	0.0	13.20	0.6	0.033
MAXIMUM						**23000**	**25000**	**130**	**360**	**18.9**	**13.4**	**1.6**	**0.700**
ARITH MEAN						**2617**	**9744**	**54**	**78**	**10.2**	**10.4**	**0.6<A**	**0.129**
GEOM MEAN						**552**	**4510**	**38**	**54**	**7.8**	**10.2**	**0.5<A**	**0.088**
MINIMUM						**70**	**320**	**8**	**20**	**1.0**	**8.00**	**0.2**	**0.033**
STD DEV (GEOM *)						**5***	**5***	**3***	**2***	**6.2**	**1.9**	**0.4<A**	**0.181**
# SAMPLES (IN STATISTICS)						**11**	**10**	**9**	**10**	**9**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 29 1300		.3	1	0.062	0.032	0.390	0.063	2.090		2.185	0.358	2.543	306.0
81 02 13 1030		.3	1	0.039	0.140	0.280	0.026	2.070		2.236	0.140	2.376	336.0
81 03 26 1330		.3	1	0.041	0.026	0.32	0.000	0.000	2.700	0.026	0.294	0.320	281
81 04 24 1300		.3	1	0.033	0.008	0.36	0.011	2.360	2.370	2.379	0.352	2.731	290
81 05 28 1245		.3	1	0.046	0.004	0.41	0.017	1.680	1.700	1.701	0.406	2.107	306
81 06 25 1230		.3	1		0.008	0.39	0.001<T	1.350	1.350	1.359	0.382	1.741	242
81 07 23 1430		.3	1	0.073	0.002	0.29	0.015	1.340	1.350	1.357	0.288	1.645	243
81 08 13 1215		.3	1	0.065	0.012	0.36	0.001	1.250	1.250	1.263	0.348	1.611	274
81 10 01 1145		.3	1	0.082	0.004	0.32	0.018	1.030	1.050	1.052	0.316	1.368	247
81 10 20 1220		.3	1	0.029	0.008	0.20	0.003	1.200	1.200	1.211	0.192	1.403	301
81 11 25 1215		.3	1	0.076	0.030	0.42	0.022	1.780	1.800	1.832	0.390	2.222	299
81 12 21 1030		.3	1	0.007	0.004	0.29	0.009	2.540	2.550	2.553	0.286	2.839	318
MAXIMUM				**0.082**	**0.140**	**0.42**	**0.063**	**2.540**	**2.700**	**2.553**	**0.406**	**2.839**	**336.0**
ARITH MEAN				**0.050**	**0.023**	**0.33**	**0.017<A**	**1.699**	**1.732**	**1.596**	**0.313**	**1.909**	**286**
GEOM MEAN				**0.043**	**0.011**	**0.32**	**0.009<A**	**1.631**	**1.643**	**1.178**	**0.301**	**1.709**	**285**
MINIMUM				**0.007**	**0.002**	**0.20**	**0.001**	**1.030**	**1.050**	**0.026**	**0.140**	**0.320**	**242**
STD DEV (GEOM *)				**0.023**	**0.038**	**0.06**	**0.017<A**	**0.509**	**0.605**	**0.706**	**0.080**	**0.711**	**30**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 29 1300		.3	1	14.0	292.0	475.0		11.500		8.09	7.8		
81 02 13 1030		.3	1	19.0	317.0	480.0		11.000		8.46	7.8		
81 03 26 1330		.3	1		263	460	0.00	10.50	205	8.33	8.00		
81 04 24 1300		.3	1		278	450	5.70	10.50	203	8.38	8.00		
81 05 28 1245		.3	1		293	440	5.00	10.00	196	8.39	8.00		
81 06 25 1230		.3	1		224	430	2.70	9.10	197	8.30	7.90		
81 07 23 1430		.3	1		235	410	6.20	11.50	187	8.27	7.90		
81 08 13 1215		.3	1		264	420	3.10	10.50	192	8.22	7.80	0.016	0.003<
81 10 01 1145		.3	1		244	440	1.42	10.50	200	8.23	7.80	0.005	0.008
81 10 20 1220		.3	1		294	450	2.10	11.00	214	8.35	7.90	0.012	0.006
81 11 25 1215		.3	1		288	480	8.40	12.50	218	8.27	7.80	0.018	0.003<
81 12 21 1030		.3	1		303	480	6.00	10.50	222	8.53	8.05	0.005	0.007
MAXIMUM				**19.0**	**317.0**	**480.0**	**8.40**	**12.50**	**222**	**8.53**	**8.05**	**0.018**	**0.008**
ARITH MEAN				**16.5**	**274**	**451**	**4.51**	**10.75**	**203**	**8.32**	**7.9**	**0.011**	**0.007**
GEOM MEAN				**16.3**	**273**	**450**	**3.93**	**10.72**	**203**	**8.32**	**7.9**	**0.010**	**0.007**
MINIMUM				**14.0**	**224**	**410**	**1.42**	**9.10**	**187**	**8.09**	**7.8**	**0.005**	**0.006**
STD DEV (GEOM *)				**3.5**	**28**	**24**	**2.30**	**0.84**	**11**	**0.12**	**0.1**	**0.006**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**9**	**12**	**10**	**12**	**12**	**5**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 08 13 1215		.3	1	0.007
81 10 01 1145		.3	1	0.006
81 10 20 1220		.3	1	0.003
81 11 25 1215		.3	1	0.009
81 12 21 1030		.3	1	0.004
MAXIMUM				**0.009**
ARITH MEAN				**0.006**
GEOM MEAN				**0.005**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.002**
# SAMPLES (IN STATISTICS)				**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BOYNE RIVER**
SAMPLE POINT: **1ST.BR.ON HIGHWAY 24 N.OF HIGHWAY 10**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-011-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M.: **17 0564875.0 4881425.0 4** REGION: **02** DISTANCE: **122.468**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1305	.3	1	38312	4 0	134E+05C	260E+05	1500000>	117000	5.0	4.6	66.0	4.300
81 02 10 1300	.3	1	38355	4 0	1300000	2800000	5200	13000	2.8	9.2	38.0	2.850
81 03 26 1240	.3	1	38450	5 9	260000	380000	1000<	1000<	5.0	8.50	7.4	1.130
81 04 29 1230	.3	1	38508	6 0	4900	15000>	70A	30A	13.0	11.70	1.6	0.215
81 05 20 1345	.3	1	38539	6	100A	9600	10<	10<	14.0	10.40	1.2	0.522
81 06 29 1425	.3	1	38599	6	900A	240000>	10A	30A	18.0	7.10	0.4	0.708
81 07 29 1405	.3	1	38628	6	34000	135000	1010	1500>	16.0	8.20	1.4	0.298
81 08 11 1430	.3	1	38653	6 3	1600A	130000	80A	10A	17.0	7.90	5.0	0.578
81 09 28 1330	.3	1	38722	7	1600	4700	40A	40A	13.0		0.6	0.141
81 10 19 1300	.3	1	38782	8	19000	31000	490	390	5.0	11.20	2.4	0.438
81 11 18 1135	.3	1	38835	5	2700	6600	120	70A	4.5	9.30	0.4	0.395
81 12 14 1200	.3	1	38879	5	40A	120A	10<	10<	4.5	11.00	0.6	0.350
MAXIMUM					**134E+05**	**260E+05**	**5200**	**117000**	**18.0**	**11.70**	**66.0**	**4.300**
ARITH MEAN					**1252070**	**2949702**	**877**	**16321**	**9.8**	**9.0**	**10.4**	**0.994**
GEOM MEAN					**9177**	**59301**	**170**	**249**	**8.1**	**8.7**	**2.4**	**0.585**
MINIMUM					**40**	**120**	**10**	**10**	**2.8**	**4.8**	**0.4**	**0.141**
STD DEV (GEOM *)					**42***	**33***	**7***	**28***	**5.8**	**2.0**	**20.4**	**1.271**
# SAMPLES (IN STATISTICS)					**12**	**10**	**8**	**8**	**12**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1305	.3	1	2.600	13.200	20.000	0.004	0.006		13.210	6.800	20.010	683.0
81 02 10 1300	.3	1	0.170	22.000	27.000	0.075	0.475		22.550	5.000	27.550	723.0
81 03 26 1240	.3	1	0.875	9.35	12.70	0.078	0.690	0.770	10.118	3.350	13.468	
81 04 29 1230	.3	1	0.160	0.148	1.23	0.046	10.95	11.00	11.144	1.082	12.226	
81 05 20 1345	.3	1		0.380	1.49	0.099	9.05	9.15	9.529	1.110	10.639	
81 06 29 1425	.3	1	0.550	0.006	0.87	0.530				0.864		
81 07 29 1405	.3	1	0.170	0.134	1.18	0.200	12.800	13.000	13.134	1.046	14.180	
81 08 11 1430	.3	1	0.400	0.012	2.18	0.021	7.98	8.00	8.013	2.168	10.181	
81 09 28 1330	.3	1	0.098	0.080	0.74	0.028	11.500	11.500	11.608	0.660	12.268	
81 10 19 1300	.3	1	0.170	0.010	1.20	0.070	7.680	7.750	7.760	1.190	8.950	
81 11 18 1135	.3	1	0.265	0.084	0.76	0.012	7.240	7.250	7.336	0.676	8.012	
81 12 14 1200	.3	1	0.250	0.520	1.47	1.200	10.550	11.750	12.270	0.950	13.220	
MAXIMUM			**2.600**	**22.000**	**27.000**	**1.200**	**12.800**	**13.000**	**22.550**	**6.800**	**27.550**	**723.0**
ARITH MEAN			**0.519**	**3.82**	**5.90**	**0.197**	**7.17**	**8.90**	**11.516**	**2.075**	**13.700**	**703.0**
GEOM MEAN			**0.310**	**0.24**	**2.34**	**0.066**	**2.92**	**7.33**	**10.956**	**1.505**	**12.882**	**702.7**
MINIMUM			**0.098**	**0.006**	**0.74**	**0.004**	**0.006**	**0.770**	**7.336**	**0.660**	**8.012**	**683.0**
STD DEV (GEOM *)			**0.727**	**7.20**	**8.98**	**0.347**	**4.67**	**3.65**	**4.216**	**1.976**	**5.595**	**28.3**
# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**11**	**9**	**11**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 14 1305	.3	1	65.0	618.0	1060.0	30.00	80.000		7.58	7.85		
81 02 10 1300	.3	1	99.0	624.0	1160.0	39.00	118.000		7.50	7.6		
81 03 26 1240	.3	1	15	463	860	5.70	87.00	275	7.57		6	0.36
81 04 29 1230	.3	1	6	612	1000	0.70	114.00	267	8.12	7.60	1<T	0.24
81 05 20 1345	.3	1	9	604	970	3.00	102.00	260	8.17	7.70	1<T	0.16
81 06 29 1425	.3	1	6	687	1060	1.00	139.00	206	8.08	7.40	1<T	0.11
81 07 29 1405	.3	1	7.0	635	890	3.60		150	7.71		1<T	0.25
81 08 11 1430	.3	1	33.5	658	960	15.70	100.0	214	7.63	7.80	1<T	0.90
81 09 28 1330	.3	1	2.4	563	960	1.67	87.00	230	8.03	7.90	1<T	0.12
81 10 19 1300	.3	1	10.0	574	1070	1.36	65.00	251	8.05	7.60	1<T	0.22
81 11 18 1135	.3	1	1.8	567	840	1.88	71.00	283	7.99	7.80	1<T	0.12
81 12 14 1200	.3	1	3.2	611	1020	1.84	113.00	276	8.04	7.65	1<T	0.11
MAXIMUM			**99.0**	**687**	**1160.0**	**39.00**	**139.00**	**283**	**8.17**	**7.90**	**6**	**0.90**
ARITH MEAN			**21**	**601**	**987**	**8.79**	**97.8**	**241**	**7.87**	**7.6**	**1<A**	**0.26**
GEOM MEAN			**10**	**598**	**983**	**3.68**	**95.4**	**237**	**7.87**	**7.6**	**1<A**	**0.20**
MINIMUM			**1.8**	**463**	**840**	**0.70**	**65.00**	**150**	**7.50**	**7.40**	**1**	**0.11**
STD DEV (GEOM *)			**30**	**56**	**94**	**12.82**	**22.2**	**42**	**0.25**	**0.1**	**2<A**	**0.24**
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**11**	**10**	**12**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COD CHEM. OX DEMAND MG/L AS O	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1240	.3	1	57				
81 04 29 1230	.3	1	28	0.005	0.005	0.003<	0.027
81 05 20 1345	.3	1	30	0.390	0.006	0.003<	0.017
81 06 29 1425	.3	1	29	0.170	0.008	0.003<	0.017
81 07 29 1405	.3	1	42	0.350	0.007	0.008	0.029
81 08 11 1430	.3	1	48	0.430	0.010	0.015	0.036
81 09 28 1330	.3	1	40	0.190	0.008	0.003<	0.016
81 10 19 1300	.3	1	35				
81 11 18 1135	.3	1	28	0.140	0.012	0.004	0.017
81 12 14 1200	.3	1	32	0.340	0.012	0.008	0.019
MAXIMUM			**57**	**0.430**	**0.012**	**0.015**	**0.036**
ARITH MEAN			**37**	**0.252**	**0.008**	**0.009**	**0.022**
GEOM MEAN			**36**	**0.161**	**0.008**	**0.008**	**0.021**
MINIMUM			**28**	**0.005**	**0.005**	**0.004**	**0.016**
STD DEV (GEOM *)			**10**	**0.147**	**0.003**	**0.005**	**0.007**
# SAMPLES (IN STATISTICS)			**10**	**8**	**8**	**4**	**8**

B.O.W./ SITE: **BOYNE RIVER**
SAMPLE POINT: **1ST.CONC.E.OF HWY.24 N.OF HWY 10**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM.STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-012-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M.: **17 0565825.0 4883900.0 4** REGION: **02** DISTANCE: **118.605**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1255		.3	1	38311	4	100000	5000000	32000	3000	1.0	8.9	2.2	0.420
81 02 10 1250		.3	1	38354	4	160	1000	40I	10<	1.8	8.8	1.3	0.082
81 03 26 1230		.3	1	38449	6	3000>	24000>	16	24	3.5	11.40		0.162
81 04 29 1215		.3	1	38507	6	1000	13000	10A	10<	12.0	12.80		0.022
81 05 20 1330		.3	1	38538	9 6	1100	13000	10<	30A	15.0	10.20		0.043
81 06 29 1400		.3	1	38598	9 6	1600A	34000	200A	30A	22.0	8.60		0.213
81 07 29 1350		.3	1	38627	3	33000	160000	1200	1500>	17.0	8.70		0.158
81 08 11 1350		.3	1	38652	6	2900A	43000	1800	240	19.0	9.40		0.188
81 09 28 1315		.3	1	38721	8	1700	16000	60A	100	11.5			0.040
81 10 19 1250		.3	1	38781	8	3500	22000	150	200	3.5	12.40		0.055
81 11 18 1125		.3	1	38834	8	2400	22000	100	90A	3.0	10.50		0.026
81 12 14 1150		.3	1	38878	8	380	5200	20A	10A	1.5	13.30		0.022
MAXIMUM						**100000**	**5000000**	**32000**	**3000**	**22.0**	**13.30**	**2.2**	**0.420**
ARITH MEAN						**13431**	**484473**	**3236**	**414**	**9.2**	**10.4**	**1.7**	**0.119**
GEOM MEAN						**2391**	**27896**	**159**	**87**	**5.8**	**10.3**	**1.7**	**0.077**
MINIMUM						**160**	**1000**	**10**	**10**	**1.0**	**8.60**	**1.3**	**0.022**
STD DEV (GEOM *)						**6***	**8***	**11***	**5***	**7.7**	**1.7**	**0.6**	**0.118**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**9**	**12**	**11**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1255		.3	1	0.375	2.150	2.850	0.027	2.020		4.197	0.700	4.897	412.0
81 02 10 1250		.3	1	0.066	0.940	1.450	0.063	2.090		3.093	0.510	3.603	1111.0
81 03 26 1230		.3	1	0.140	0.930	1.52	0.013	1.240	1.250	2.183	0.590	2.773	
81 04 29 1215		.3	1	0.007	0.026	0.70	0.021	1.680	1.700	1.727	0.674	2.401	
81 05 20 1330		.3	1	0.027	0.036	0.56			1.200		0.524	1.760	
81 06 29 1400		.3	1	0.061	0.008	1.08	0.003	1.300	1.300	1.311	1.072	2.383	
81 07 29 1350		.3	1	0.098	0.004	0.70	0.020	1.280	1.300	1.304	0.696	2.000	
81 08 11 1350		.3	1	0.072	0.004	1.10	0.002	1.750	1.750	1.756	1.096	2.852	
81 09 28 1315		.3	1	0.017	0.020	0.65	0.052	1.250	1.300	1.322	0.630	1.952	
81 10 19 1250		.3	1	0.016	0.030	0.45	0.004	0.665	0.670	0.699	0.420	1.119	
81 11 18 1125		.3	1	0.014	0.040	0.61	0.016	1.030	1.050	1.086	0.570	1.656	
81 12 14 1150		.3	1	0.014	0.086	0.39	0.064	2.390	2.450	2.540	0.304	2.844	
MAXIMUM				**0.375**	**2.150**	**2.850**	**0.064**	**2.390**	**2.450**	**4.197**	**1.096**	**4.897**	**1111.0**
ARITH MEAN				**0.076**	**0.356**	**1.00**	**0.026**	**1.518**	**1.397**	**1.929**	**0.649**	**2.520**	**761.5**
GEOM MEAN				**0.040**	**0.053**	**0.85**	**0.015**	**1.433**	**1.327**	**1.714**	**0.613**	**2.354**	**676.6**
MINIMUM				**0.007**	**0.004**	**0.39**	**0.002**	**0.665**	**0.670**	**0.699**	**0.304**	**1.119**	**412.0**
STD DEV (GEOM *)				**0.103**	**0.665**	**0.69**	**0.023**	**0.514**	**0.479**	**1.018**	**0.234**	**1.001**	**494.3**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*COD*
81 01 14 1255		.3	1	5.0	407.0	680.0	1.50	30.500		7.83	7.85		
81 02 10 1250		.3	1	3.0	1108.0	640.0	1.60	26.500		7.91	7.8		
81 03 26 1230		.3	1	6	295	520	1.50	20.50	228	8.08		1<T	29
81 04 29 1215		.3	1	2	309	560	1.00	28.00	237	8.34	8.15	1<T	19
81 05 20 1330		.3	1	7	319	540	1.70	24.00	232	8.49	8.40	1<T	21
81 06 29 1400		.3	1	6	318	520	1.70	28.00	213	8.57	8.00	1<T	56
81 07 29 1350		.3	1	7.0	340	490	1.30	33.50	171	7.96		1<T	38
81 08 11 1350		.3	1	43.0	422	580	1.50	27.50	222	8.21	8.30	1<T	44
81 09 28 1315		.3	1	1.6	356	600	0.86	28.50	262	8.37	8.35	1<T	30
81 10 19 1250		.3	1	3.0	374	560	0.74	24.00	253	8.30	7.95	1<T	23
81 11 18 1125		.3	1	2.7	360	560	1.22	23.50	254	8.31	8.00	1<T	4
81 12 14 1150		.3	1	1.4	343	590	1.46	27.50	258	8.34	3.10	1<T	27
MAXIMUM				**43.0**	**1108.0**	**680.0**	**1.70**	**33.50**	**262**	**8.57**	**8.40**	**1**	**56**
ARITH MEAN				**7**	**412**	**570**	**1.34**	**26.83**	**233**	**8.23**	**7.5**	**1<A**	**29**
GEOM MEAN				**4**	**382**	**567**	**1.30**	**26.62**	**231**	**8.22**	**7.3**	**1<A**	**25**
MINIMUM				**1.4**	**295**	**490**	**0.74**	**20.50**	**171**	**7.83**	**3.10**	**1**	**4**
STD DEV (GEOM *)				**11**	**222**	**53**	**0.32**	**3.46**	**27**	**0.23**	**1.5**	**0<A**	**14**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CARBON DISOLVED ORGANIC MG/L AS C	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*DOC*	*CUUT*	*PBUT*	*ZNUT*
81 03 26 1230		.3	1	5.5	0.038	0.003<	0.012
81 04 29 1215		.3	1	5.8	0.001	0.003<	0.002
81 05 20 1330		.3	1	7.7	0.002	0.003<	0.001
81 06 29 1400		.3	1	7.1	0.002	0.003<	0.002
81 07 29 1350		.3	1	8.0	0.002	0.004	0.006
81 08 11 1350		.3	1	7.9	0.007	0.016	0.006
81 09 28 1315		.3	1	8.4	0.005	0.003	0.003
81 10 19 1250		.3	1	9.1	0.006	0.006	0.003
81 11 18 1125		.3	1	7.8	0.005	0.003	0.006
81 12 14 1150		.3	1	5.0	0.005	0.003<	0.003
MAXIMUM				**9.1**	**0.038**	**0.016**	**0.012**
ARITH MEAN				**7.2**	**0.007**	**0.006**	**0.004**
GEOM MEAN				**7.1**	**0.004**	**0.005**	**0.004**
MINIMUM				**5.0**	**0.001**	**0.003**	**0.001**
STD DEV (GEOM *)				**1.4**	**0.011**	**0.006**	**0.003**
# SAMPLES (IN STATISTICS)				**10**	**10**	**5**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BEETON CREEK**
SAMPLE POINT: **SECOND CONCESSION RD NORTH OF BEETON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-014-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0598325.0 4884400.0 4** REGION: **03** DISTANCE: **93.661**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 29 1045		.3	1	32033	4	2300	4700	40I	270	0.0	11.8	0.8	0.036
81 02 12 1045		.3	1	32074	4	19000	58000	1290	1020	0.0	13.7	3.8	0.112
81 03 26 1050		.3	1	32130	8	300A	18000	20<	20<	6.0	10.40	1.0	0.086
81 04 24 1050		.3	1	32178	8	700	5000	10<	10A			2.4	0.106
81 05 28 1400		.3	1	32231	8	1000	17000	490	130	16.9	8.30	1.8	0.056
81 06 25 1400		.3	1	32280	8	400A	17000	630	130	17.9	8.10	1.2	0.085
81 07 23 1100		.3	1	32308	8	1900	21000	580	260	19.2	7.70	1.2	0.068
81 08 13 1345		.3	1	32331	8	3100A	43000	650	420	22.1	6.00	1.4	0.095
81 10 01 1315		.3	1	32419	8	550	13500	180	50A	8.4	8.10	1.0	0.054
81 10 20 1100		.3	1	32424	8	1100	17000	90A	50A	6.8	11.30	0.6	0.080
81 11 25 1400		.3	1	32497	8	600A	5800	20A	60A	1.8	11.30	1.2	0.081
81 12 21 1435		.3	1	31652	4	80A	450	4	4	0.0	14.20	0.4	0.112
MAXIMUM						**19000**	**58000**	**1290**	**1020**	**22.1**	**14.20**	**3.8**	**0.112**
ARITH MEAN						**2586**	**18371**	**397**	**219**	**12.4**	**10.0**	**1.4**	**0.081**
GEOM MEAN						**962**	**11185**	**155**	**90**	**9.7**	**9.7**	**1.2**	**0.077**
MINIMUM						**80**	**450**	**4**	**4**	**1.8**	**6.00**	**0.4**	**0.036**
STD DEV (GEOM *)						**4***	**4***	**6***	**5***	**7.5**	**2.6**	**0.9**	**0.024**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**11**	**8**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 29 1045		.3	1	0.013	0.144	0.540	0.047	1.100		1.291	0.396	1.687	400.0
81 02 12 1045		.3	1	0.047	0.212	0.920	0.021	1.480		1.713	0.708	2.421	280.0
81 03 26 1050		.3	1	0.037	0.270	0.88	0.051	1.000	1.050	1.321	0.610	1.931	352
81 04 24 1050		.3	1	0.001<W	0.212	1.32	0.011	1.10	1.110	1.323	1.108	2.431	392
81 05 28 1400		.3	1	0.020	0.002	0.73	0.008	0.750	0.760	0.760	0.728	1.488	345
81 06 25 1400		.3	1	0.029	0.006	0.78	0.002	0.780	0.790	0.788	0.774	1.562	351
81 07 23 1100		.3	1	0.021	0.002	0.57	0.001<T	0.520	0.520	0.523	0.568	1.091	318
81 08 13 1345		.3	1	0.028	0.004	0.72	0.003	0.710	0.715	0.717	0.716	1.433	398
81 10 01 1315		.3	1	0.011	0.004	0.47	0.008	0.490	0.500	0.502	0.466	0.968	310
81 10 20 1100		.3	1	0.010	0.014	0.38	0.071	0.440	0.510	0.525	0.366	0.891	369
81 11 25 1400		.3	1	0.028	0.232	0.99	0.001<T	1.800	1.800	2.033	0.758	2.791	452
81 12 21 1435		.3	1	0.004	0.002	0.28	0.001<T	1.300	1.300	1.303	0.278	1.581	352
MAXIMUM				**0.047**	**0.270**	**1.32**	**0.071**	**1.800**	**1.800**	**2.033**	**1.108**	**2.791**	**452**
ARITH MEAN				**0.021<A**	**0.092**	**0.71**	**0.019<A**	**0.95**	**0.905**	**1.067**	**0.623**	**1.690**	**359**
GEOM MEAN				**0.015<A**	**0.020**	**0.65**	**0.007<A**	**0.87**	**0.830**	**0.959**	**0.584**	**1.592**	**357**
MINIMUM				**0.001**	**0.002**	**0.28**	**0.001**	**0.440**	**0.500**	**0.502**	**0.278**	**0.891**	**280.0**
STD DEV (GEOM *)				**0.014<A**	**0.111**	**0.29**	**0.024<A**	**0.42**	**0.416**	**0.504**	**0.227**	**0.604**	**46**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 29 1045		.3	1	10.0	390.0	620.0		27.000		7.94	7.5		
81 02 12 1045		.3	1	19.0	261.0	405.0		18.500		7.77	7.6		
81 03 26 1050		.3	1		344	600	5.40	28.50	244	8.22	7.70		
81 04 24 1050		.3	1		378	580	4.50	33.50	229	8.15			
81 05 28 1400		.3	1		332	550	3.60	21.00	228	8.16	7.70		
81 06 25 1400		.3	1	27	322	520	2.80		220	8.16	7.80		
81 07 23 1100		.3	1		303	520	3.10	23.00	216	8.23	7.80		
81 08 13 1345		.3	1		354	560	4.90	21.00	250	8.21	7.80	0.030	0.010
81 10 01 1315		.3	1		300	550	1.41	23.50	240	8.06	7.70	0.008	0.007
81 10 20 1100		.3	1		346	560	2.90	20.00	256	8.28	7.80	0.023	0.007
81 11 25 1400		.3	1		428	660	14.70	30.50	290	8.21	7.70	0.005	0.003<
81 12 21 1435		.3	1		335	580	6.30	15.00	229	8.37	7.85	0.008	0.010
MAXIMUM				**27**	**428**	**660**	**14.70**	**33.50**	**290**	**8.37**	**7.85**	**0.030**	**0.010**
ARITH MEAN				**18**	**341**	**558**	**4.96**	**23.77**	**240**	**8.15**	**7.7**	**0.015**	**0.008**
GEOM MEAN				**17**	**338**	**555**	**4.12**	**23.18**	**239**	**8.15**	**7.7**	**0.012**	**0.008**
MINIMUM				**10.0**	**261.0**	**405.0**	**1.41**	**15.00**	**216**	**7.77**	**7.5**	**0.005**	**0.007**
STD DEV (GEOM *)				**8**	**44**	**62**	**3.71**	**5.54**	**22**	**0.16**	**0.1**	**0.011**	**0.002**
# SAMPLES (IN STATISTICS)				**3**	**12**	**12**	**10**	**11**	**10**	**12**	**11**	**5**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 13 1345		.3	1	0.008
81 10 01 1315		.3	1	0.005
81 10 20 1100		.3	1	0.005
81 11 25 1400		.3	1	0.008
81 12 21 1435		.3	1	0.008
MAXIMUM				**0.008**
ARITH MEAN				**0.007**
GEOM MEAN				**0.007**
MINIMUM				**0.005**
STD DEV (GEOM *)				**0.002**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **MAD RIVER**
SAMPLE POINT: **AT CONCESSION ROAD 2 TOSORONTIO TOWNSHIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02ED005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-021-02**
STORET CODE: **02 002 2470**

LAT: LONG: U.T.M: **17 0579600.0 4906025.0 4** REGION: **03** DISTANCE: **62.119**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1100		.3	1	32010	4	1.690	180I	880	36	20	0.0	10.6	1.0
81 02 10 1115		.3	1	32054	4	2.150	230	1110	44	56	0.0	11.6	
81 03 24 1130		.3	1	32106	8	5.220	120	1500	4<	36	4.4	13.10	0.2<T
81 04 22 1200		.3	1	32154	8	4.220	20A	460	4	20	7.5	12.40	0.2<T
81 05 26 1130		.3	1	32203	8	3.020	150A	7200	32	16	18.0	8.40	0.8
81 06 23 1130		.3	1	32252	8	3.580	8000A	27500	3800	890	16.2		1.2
81 07 21 1130		.3	1	32283	8	1.470	2500	13000	920	556	19.0	8.40	0.4
81 08 18 0900		.3	1	32334	8	1.500	1200	11000	150	110	15.0	8.40	0.2<T
81 09 28 1130		.3	1	32392	8	2.100	170	50A	160	120	11.5	10.40	0.2
81 10 21 1000		.3	1	32431	8	3.530	1200	3300	130	160	7.1	10.40	0.2
81 11 23 1145		.3	1	32470	8	4.760	230	1030	130	710	3.0	10.80	0.4
MAXIMUM						**5.220**	**8000**	**27500**	**3800**	**890**	**19.0**	**13.10**	**1.2**
ARITH MEAN						**3.022**	**1273**	**6094**	**541**	**245**	**11.3**	**10.4**	**0.5<A**
GEOM MEAN						**2.747**	**368**	**2085**	**111**	**100**	**9.6**	**10.3**	**0.4<A**
MINIMUM						**1.470**	**20**	**50**	**4**	**16**	**3.0**	**8.40**	**0.2**
STD DEV (GEOM *)						**1.340**	**5***	**6***	**7***	**4***	**6.0**	**1.6**	**0.4<A**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**11**	**9**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 21 1100		.3	1	0.021	0.003	0.020	0.600	0.007	2.540		2.567	0.580	3.147
81 02 10 1115		.3	1	0.011		0.022							
81 03 24 1130		.3	1	0.029	0.004	0.008	0.37	0.005	2.550	2.550	2.563	0.362	2.925
81 04 22 1200		.3	1	0.026	0.001<W	0.006	0.34	0.006	1.990	2.000	2.002	0.334	2.336
81 05 26 1130		.3	1	0.012	0.001<T	0.036	0.34	0.011	1.540	1.550	1.587	0.304	1.891
81 06 23 1130		.3	1	0.075	0.004	0.004	0.60	0.002	1.250	1.250	1.256	0.596	1.852
81 07 21 1130		.3	1	0.020	0.002	0.006	0.30	0.027	1.170	1.200	1.203	0.294	1.497
81 08 18 0900		.3	1	0.068	0.031	0.024	0.28	0.011	0.790	0.800	0.825	0.256	1.081
81 09 28 1130		.3	1	0.078	0.035	0.036	0.38	0.011	1.240	1.250	1.287	0.344	1.631
81 10 21 1000		.3	1	0.103	0.069	0.024	0.44	0.003	1.150	1.150	1.177	0.416	1.593
81 11 23 1145		.3	1	0.028	0.004	0.006	0.30	0.008	1.440	1.450	1.454	0.294	1.748
MAXIMUM				**0.103**	**0.069**	**0.036**	**0.60**	**0.027**	**2.550**	**2.550**	**2.567**	**0.596**	**3.147**
ARITH MEAN				**0.043**	**0.015<A**	**0.017**	**0.39**	**0.009**	**1.566**	**1.467**	**1.592**	**0.378**	**1.970**
GEOM MEAN				**0.033**	**0.006<A**	**0.013**	**0.38**	**0.007**	**1.470**	**1.393**	**1.499**	**0.363**	**1.881**
MINIMUM				**0.011**	**0.001**	**0.004**	**0.28**	**0.002**	**0.790**	**0.800**	**0.825**	**0.256**	**1.081**
STD DEV (GEOM *)				**0.032**	**0.023<A**	**0.012**	**0.11**	**0.007**	**0.601**	**0.521**	**0.596**	**0.119**	**0.647**
# SAMPLES (IN STATISTICS)				**11**	**10**	**11**	**10**	**10**	**10**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 21 1100		.3	1	347.0	13.0	334.0	520.0	4.40	10.500			7.9	
81 02 10 1115		.3	1				540.0				8.14	7.8	
81 03 24 1130		.3	1	325		307	495	7.20	11.00	230	8.28	8.10	
81 04 22 1200		.3	1	296		288	460	4.70	8.05	225	8.47	7.90	
81 05 26 1130		.3	1	260		244	440	2.20	8.15	219	8.55	7.80	
81 06 23 1130		.3	1	331		284	460	20.00	10.50	231	8.40	8.20	
81 07 21 1130		.3	1	296		269	460	2.00	8.25	212	8.31	7.70	
81 08 18 0900		.3	1	368		352	420	9.40	7.95	238	8.34	7.60	0.005
81 09 28 1130		.3	1	291		285	480	2.30	10.00	231	8.32	7.80	0.031
81 10 21 1000		.3	1	325		312	470	5.10		240	8.31	7.70	0.013
81 11 23 1145		.3	1	288		283	460	6.50	9.00	235	8.31	7.80	0.060
MAXIMUM				**368**	**13.0**	**352**	**540.0**	**20.00**	**11.00**	**240**	**8.55**	**8.20**	**0.060**
ARITH MEAN				**312**	**13.0**	**295**	**473**	**6.38**	**9.26**	**229**	**8.34**	**7.8**	**0.027**
GEOM MEAN				**311**		**294**	**472**	**4.98**	**9.19**	**229**	**8.34**	**7.8**	**0.019**
MINIMUM				**260**	**13.0**	**244**	**420**	**2.00**	**7.95**	**212**	**8.14**	**7.60**	**0.005**
STD DEV (GEOM *)				**32**		**31**	**34**	**5.34**	**1.23**	**9**	**0.11**	**0.1**	**0.024**
# SAMPLES (IN STATISTICS)				**10**	**1**	**10**	**11**	**10**	**9**	**9**	**10**	**11**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 18 0900		.3	1	0.003<	0.004
81 09 28 1130		.3	1	0.004	0.003
81 10 21 1000		.3	1	0.003<	0.007
81 11 23 1145		3	1	0.007	0.010
MAXIMUM				**0.007**	**0.010**
ARITH MEAN				**0.005**	**0.006**
GEOM MEAN				**0.005**	**0.005**
MINIMUM				**0.004**	**0.003**
STD DEV (GEOM *)				**0.002**	**0.003**
# SAMPLES (IN STATISTICS)				**2**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NOTTAWASAGA RIVER**
SAMPLE POINT: **AT HIGHWAY NO 26 EDENVALE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-023-02**
STORET CODE: **02 002 2470**

LAT: LONG: U T M: **17 0587600.0 4922450.0 4** REGION: **03** DISTANCE: **30.738**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 21 1445		.3	1	32016	4	760	3800	12	80	0.0	9.8	1.2	0.062
81 02 10 1445		.3	1	32060	4	5000	16000	104	100	0.0	7.4	1.4	0.070
81 03 24 1430		.3	1	32112		220	2200	4<	4<	4.1	11.80	1.0	0.055
81 04 22 1545		.3	1	32160	8	100	2400	4<	4<	8.0	11.80	0.2<T	0.033
81 05 26 1500		.3	1	32209	8	150A	8100	8	4	19.0	7.10	0.8	0.060
81 06 23 1500		.3	1	32258	8	460A	8500	220	120	17.1		1.0	0.108
81 07 21 1500		.3	1	32289	8	490A	6500	148	88	20.2	7.50	0.8	0.088
81 08 18 1240		.3	1	32340	8	1600	25000	540	110	17.9	7.20	0.6	0.085
81 09 28 1445		.3	1	32398	8	2100	18000	50A	70A	12.9	9.10	0.4	0.248
81 10 21 1400		.3	1	32437	8	480A	6400	20A	70A	7.1	9.00	0.6	0.065
81 11 23 1515		.3	1	32476	8	3800A	38500	200	1210	1.1	10.20	0.6	0.055
81 12 14 1430		.3	1	32522	8	800	3200	10A	40A	0.9	10.60	0.2<T	0.034
	MAXIMUM					**5000**	**38500**	**540**	**1210**	**20.2**	**11.80**	**1.4**	**0.248**
	ARITH MEAN					**1330**	**11550**	**131**	**189**	**10.8**	**9.2**	**0.7<A**	**0.080**
	GEOM MEAN					**700**	**7803**	**57**	**78**	**7.2**	**9.0**	**0.8<A**	**0.069**
	MINIMUM					**100**	**2200**	**8**	**4**	**0.9**	**7.10**	**0.2**	**0.033**
	STD DEV (GEOM *)					**3***	**3***	**4***	**4***	**7.5**	**1.7**	**0.4<A**	**0.057**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**10**	**10**	**10**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 21 1445		.3	1	0.017	0.080	0.550	0.028	1.270		1.378	0.470	1.848	347.0
81 02 10 1445		.3	1	0.015	0.104	0.580	0.019	1.060		1.183	0.476	1.659	376.0
81 03 24 1430		.3	1	0.013	0.030	0.33	0.008	1.440	1.450	1.478	0.300	1.778	313
81 04 22 1545		.3	1		0.030	0.48					0.450		
81 05 26 1500		.3	1		0.004	0.56					0.556		
81 06 23 1500		.3	1		0.004	0.50					0.496		
81 07 21 1500		.3	1		0.006	0.50					0.494		
81 08 18 1240		.3	1		0.008	0.60					0.592		
81 09 28 1445		.3	1		0.020	0.50					0.480		
81 10 21 1400		.3	1		0.016	0.52					0.504		
81 11 23 1515		.3	1		0.026	0.48					0.454		
81 12 14 1430		.3	1		0.006	0.39					0.384		
	MAXIMUM			**0.017**	**0.104**	**0.60**	**0.028**	**1.440**	**1.450**	**1.478**	**0.592**	**1.848**	**376.0**
	ARITH MEAN			**0.015**	**0.028**	**0.49**	**0.018**	**1.257**	**1.450**	**1.346**	**0.471**	**1.762**	**345**
	GEOM MEAN			**0.015**	**0.016**	**0.49**	**0.016**	**1.247**		**1.341**	**0.465**	**1.760**	**344**
	MINIMUM			**0.013**	**0.004**	**0.33**	**0.008**	**1.060**	**1.450**	**1.183**	**0.300**	**1.659**	**313**
	STD DEV (GEOM *)			**0.002**	**0.032**	**0.07**	**0.010**	**0.190**		**0.150**	**0.075**	**0.098**	**31**
	# SAMPLES (IN STATISTICS)			**3**	**12**	**12**	**3**	**3**	**1**	**3**	**12**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 21 1445		.3	1	8.0	339.0	540.0	8.10	14.500			7.4		
81 02 10 1445		.3	1	19.0		560.0	8.90	19.000		7.47	7.5		
81 03 24 1430		.3	1	40		500	12.00	16.50	220	7.86	7.60		
81 04 22 1545		.3	1			475	4.60	16.00	214	8.34	8.80		
81 05 26 1500		.3	1			480	7.50	14.00	218	8.16	7.60		
81 06 23 1500		.3	1			430	19.00	11.50	217	8.19	7.60		
81 07 21 1500		.3	1			430	2.10	13.00	203	7.98	7.50		
81 08 18 1240		.3	1			480	5.50	14.50	224	8.03	7.50	1<T	0.96
81 09 28 1445		.3	1			485	12.70	13.00	228	8.07	7.70	1<T	0.69
81 10 21 1400		.3	1			510	4.20	16.50	237	8.08	7.60	1<T	0.47
81 11 23 1515		.3	1			520	14.40	19.00	231	8.18	8.10	1<T	0.41
81 12 14 1430		.3	1			540	8.10	16.50	245	8.60	7.00	1<T	0.35
	MAXIMUM			**40**	**339.0**	**560.0**	**19.00**	**19.000**	**245**	**8.60**	**8.80**	**1**	**0.96**
	ARITH MEAN			**22**	**339.0**	**495**	**8.92**	**15.33**	**224**	**8.09**	**7.6**	**1<A**	**0.58**
	GEOM MEAN			**18**		**494**	**7.66**	**15.16**	**223**	**8.08**	**7.6**	**1<A**	**0.54**
	MINIMUM			**8.0**	**339.0**	**430**	**2.10**	**11.50**	**203**	**7.47**	**7.00**	**1**	**0.35**
	STD DEV (GEOM *)			**16**		**41**	**4.84**	**2.33**	**12**	**0.28**	**0.4**	**0<A**	**0.25**
	# SAMPLES (IN STATISTICS)			**3**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 18 1240		.3	1	0.001<	0.007	0.003<	0.006	0.0030
81 09 28 1445		.3	1	0.001<	0.022	0.006	0.007	0.0020
81 10 21 1400		.3	1	0.001<	0.007	0.003<	0.004	0.0020
81 11 23 1515		.3	1	0.001<	0.015	0.010	0.012	0.0030
81 12 14 1430		.3	1	0.001<	0.027	0.006	0.010	0.004
	MAXIMUM				**0.027**	**0.010**	**0.012**	**0.004**
	ARITH MEAN				**0.016**	**0.007**	**0.008**	**0.002**
	GEOM MEAN				**0.013**	**0.007**	**0.007**	**0.002**
	MINIMUM				**0.007**	**0.006**	**0.004**	**0.0020**
	STD DEV (GEOM *)				**0.009**	**0.002**	**0.003**	**0.000**
	# SAMPLES (IN STATISTICS)				**5**	**3**	**5**	**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BEETON CREEK**
SAMPLE POINT: **SIMCOE CO.RD.NO.10 NORTH OF TOTTINGHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02ED100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NOTTAWASAGA RIVER**

STATION ID: **03-0057-024-02**
STORET CODE: **02 002 2470**

LAT | LONG | U.T.M: **17 0595250.0 4876950.0 4** | REGION: **03** | DISTANCE: **106.536**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 29 1015		.3	1	32032	4	0.365	3300	6100	290	50I	0.0	14.2	0.6
81 02 12 1015		.3	1	32073	4	0.320	6400	21000	530	110	0.0	13.8	0.8
81 03 26 1030		.3	1	32129	8	0.601	8200	25000	140	210	5.3	12.40	0.6
81 04 24 1030		.3	1	32177	8	0.664	2100	11000	40A	10A	7.1	11.90	5.6
81 05 28 1420		.3	1	32232	8	0.444	900A	14000	30A	100	16.2	7.80	1.8
81 06 25 1420		.3	1	32281	8	0.456	1400	12000	550	130	17.9	9.70	0.4
81 07 23 1030		.3	1	32307	7	0.356	1100	27000	110	110	18.0	9.20	0.8
81 08 13 1400		.3	1	32332	8	0.590	1300A	31000	130	160	22.9	8.80	1.2
81 10 01 1330		.3	1	32420	8	0.453	1020A	9800	70A	190	9.3	8.70	1.6
81 10 20 1045		.3	1	32423	8	0.580	1700	13000	40A	10A	7.9	12.20	0.4
81 11 25 1420		.3	1	32498	8	0.792	750A	4500	40A	40A	0.3	11.60	1.4
81 12 21 1420		.3	1	31651	4	0.450	60A	1200	10<	10<	0.0	14.00	0.4
MAXIMUM						**0.792**	**8200**	**31000**	**550**	**210**	**22.9**	**14.2**	**5.6**
ARITH MEAN						**0.506**	**2352**	**14633**	**179**	**102**	**11.7**	**11.1**	**1.3**
GEOM MEAN						**0.469**	**1388**	**11076**	**108**	**70**	**7.7**	**10.9**	**0.9**
MINIMUM						**0.320**	**60**	**1200**	**30**	**10**	**0.3**	**7.80**	**0.4**
STD DEV (GEOM *)						**0.141**	**3***	**2***	**3***	**3***	**7.4**	**2.2**	**1.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**11**	**9**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 29 1015		.3	1	0.045	0.011	0.070	0.350	0.048	1.000		1.118	0.280	1.398
81 02 12 1015		.3	1	0.055	0.018	0.116	0.620	0.014	1.340		1.470	0.504	1.974
81 03 26 1030		.3	1	0.128	0.087	0.520	0.94	0.026	0.800	0.825	1.346	0.420	1.766
81 04 24 1030		.3	1	0.170	0.003	0.006	1.35	0.040	2.54	2.580	2.586	1.344	3.930
81 05 28 1420		.3	1	0.097	0.034	0.006	0.48	0.003	0.665	0.670	0.674	0.474	1.148
81 06 25 1420		.3	1	0.077	0.027	0.004	0.46	0.001<T	0.715	0.715	0.720	0.456	1.176
81 07 23 1030		.3	1	0.059	0.030	0.004	0.47	0.001<T	0.430	0.430	0.435	0.466	0.901
81 08 13 1400		.3	1	0.062	0.027	0.008	0.58	0.002	0.635	0.635	0.645	0.572	1.217
81 10 01 1330		.3	1	0.056	0.022	0.034	0.43	0.041	0.430	0.470	0.505	0.396	0.901
81 10 20 1045		.3	1	0.058	0.012	0.064	0.25	0.020	0.465	0.485	0.549	0.186	0.735
81 11 25 1420		.3	1	0.081	0.039	0.390	1.00			1.600		0.610	2.600
81 12 21 1420		.3	1	0.056	0.008	0.002	0.31	0.001<T	1.100	1.100	1.103	0.308	1.411
MAXIMUM				**0.170**	**0.087**	**0.520**	**1.35**	**0.048**	**2.54**	**2.580**	**2.586**	**1.344**	**3.930**
ARITH MEAN				**0.079**	**0.026**	**0.102**	**0.60**	**0.018<A**	**0.92**	**0.951**	**1.014**	**0.501**	**1.596**
GEOM MEAN				**0.073**	**0.020**	**0.024**	**0.53**	**0.007<A**	**0.79**	**0.803**	**0.878**	**0.447**	**1.423**
MINIMUM				**0.045**	**0.003**	**0.002**	**0.25**	**0.001**	**0.430**	**0.430**	**0.435**	**0.186**	**0.735**
STD DEV (GEOM *)				**0.037**	**0.022**	**0.171**	**0.32**	**0.018<A**	**0.61**	**0.672**	**0.629**	**0.291**	**0.901**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
81 01 29 1015		.3	1	367.0	27.0	340.0	540.0		16.000		8.15	7.7	
81 02 12 1015		.3	1	322.0	15.0	307.0	490.0		17.500		7.95	7.8	
81 03 26 1030		.3	1	324		322	560	1.00	34.00	215	8.25	8.10	
81 04 24 1030		.3	1	393		381	580	3.00	39.50	207	8.08	8.00	
81 05 28 1420		.3	1	344		317	450	6.10	14.50	194	8.28	8.00	
81 06 25 1420		.3	1	279		252	430	3.00	14.50	196	8.57	8.30	
81 07 23 1030		.3	1	276		268	440	3.60	16.00	198	8.29	7.80	
81 08 13 1400		.3	1	306		293	440	1.90	15.50	203	8.26	8.00	0.004
81 10 01 1330		.3	1	278		269	480	0.96	16.00	221	8.30	7.90	0.007
81 10 20 1045		.3	1	310		302	480	1.61	15.50	223	8.46	7.90	0.015
81 11 25 1420		.3	1	363		354	590	2.60	30.00	245	8.29	7.90	0.004
81 12 21 1420		.3	1	317		301	520	5.70	15.50	183	8.43	8.15	0.008
MAXIMUM				**393**	**27.0**	**381**	**590**	**6.10**	**39.50**	**245**	**8.57**	**8.30**	**0.015**
ARITH MEAN				**323**	**21.0**	**308**	**500**	**2.95**	**20.37**	**208**	**8.28**	**7.9**	**0.008**
GEOM MEAN				**321**	**20.1**	**306**	**497**	**2.47**	**19.03**	**208**	**8.27**	**7.9**	**0.007**
MINIMUM				**276**	**15.0**	**252**	**430**	**0.96**	**14.50**	**183**	**7.95**	**7.7**	**0.004**
STD DEV (GEOM *)				**37**	**8.5**	**37**	**56**	**1.79**	**8.79**	**18**	**0.17**	**0.1**	**0.005**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**10**	**12**	**10**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 08 13 1400		.3	1	0.003<	0.002
81 10 01 1330		.3	1	0.008	0.004
81 10 20 1045		.3	1	0.008	0.005
81 11 25 1420		.3	1	0.003<	0.003
81 12 21 1420		3	1	0.006	0.008
MAXIMUM				**0.008**	**0.008**
ARITH MEAN				**0.007**	**0.004**
GEOM MEAN				**0.007**	**0.004**
MINIMUM				**0.006**	**0.002**
STD DEV (GEOM *)				**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**3**	**5**

B.O.W. / SITE: **WYE RIVER**
SAMPLE POINT: **AT HIGHWAY 12 EAST OF MIDLAND**
STATION TYPE: **RIVER FLOW GAUGE FED 02ED011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **WYE RIVER**

STATION ID: **03-0070-001-02**
STORET CODE: **02 002 2620**

LAT: LONG: U.T.M.: **17 0591350.0 4954050.0 4** REGION: **03** DISTANCE: **1.448**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1700		.3	1	32018	4	1.230	240	1140	12	8	0.0	4.4	0.4
81 02 10 1630		.3	1	32062	4	1.110	110	690	12	28	0.0	4.7	0.5
81 03 24 1600		.3	1	32114	8	1.510	10A	310	4<	4	5.6	11.40	0.2
81 04 22 1730		.3	1	32162	8	1.360					8.2	11.60	0.4
81 05 26 1630		.3	1	32211	8	1.120	460A	7000	20	4<	21.1	6.20	1.6
81 06 23 1630		.3	1	32260	8	2.830	60A	8000	10<	10<	20.6		1.2
81 07 21 1640		.3	1	32291	7	0.880	330A	7000	4<	4	22.9	4.80	0.6
81 08 18 1400		.3	1	32342	7	1.880	190A	8000	10<	80A	21.1	6.40	0.6
81 09 28 1730		.3	1	32400	8	1.260	1800	6300	70A	30A	13.0	7.90	0.4
81 10 21 1530		.3	1	32439	7 5	2.130	280	4800	10<	100	7.1	9.60	0.0
81 11 23 1645		.3	1	32478	8	2.810	260	1280	30A	10A	1.0	10.60	0.6
81 12 14 1245		.3	1	32520	4	1.450	20A	60A	4<	4<	0.8	10.80	0.2<T
MAXIMUM						**2.830**	**1800**	**8000**	**70**	**100**	**22.9**	**11.60**	**1.6**
ARITH MEAN						**1.631**	**342**	**4053**	**29**	**33**	**12.1**	**8.0**	**0.6<A**
GEOM MEAN						**1.527**	**154**	**1974**	**23**	**17**	**7.7**	**7.5**	**0.5<A**
MINIMUM						**0.880**	**10**	**60**	**12**	**4**	**0.8**	**4.4**	**0.2**
STD DEV (GEOM *)						**0.650**	**4***	**5***	**2***	**4***	**8.7**	**2.8**	**0.4<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**5**	**8**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 21 1700		.3	1	0.027	0.012	0.120	0.520	0.018	4.680		4.818	0.400	5.218
81 02 10 1630		.3	1	0.031	0.010	0.134	0.510	0.019	0.521		0.674	0.376	1.050
81 03 24 1600		.3	1	0.147	0.006	0.022	0.31	0.003	0.525	0.530	0.550	0.288	0.838
81 04 22 1730		.3	1	0.040	0.005	0.066	0.50	0.005	0.175	0.180	0.246	0.434	0.680
81 05 26 1630		.3	1	0.076	0.077	0.390	0.80	0.067	0.040	0.105	0.497	0.410	0.907
81 06 23 1630		.3	1	0.069	0.033	0.004	0.62	0.001<T	0.185	0.185	0.190	0.616	0.806
81 07 21 1640		.3	1	0.065	0.035	0.064	0.53	0.010	0.015	0.025	0.089	0.466	0.555
81 08 18 1400		.3	1	0.025		0.064	0.52					0.456	
81 09 28 1730		.3	1	0.030	0.010	0.030	0.41	0.016	0.055	0.070	0.101	0.380	0.481
81 10 21 1530		.3	1	0.026		0.006	0.44	0.030	0.165	0.195	0.201	0.434	0.635
81 11 23 1645		.3	1	0.018	0.004	0.032	0.45	0.013	0.520	0.535	0.565	0.418	0.983
81 12 14 1245		.3	1	0.016	0.006	0.008	0.36	0.001<T	0.865	0.865	0.874	0.352	1.226
MAXIMUM				**0.147**	**0.077**	**0.390**	**0.80**	**0.067**	**4.680**	**0.865**	**4.818**	**0.616**	**5.218**
ARITH MEAN				**0.047**	**0.020**	**0.078**	**0.49**	**0.017<A**	**0.704**	**0.299**	**0.800**	**0.419**	**1.216**
GEOM MEAN				**0.038**	**0.012**	**0.037**	**0.48**	**0.009<A**	**0.231**	**0.188**	**0.396**	**0.413**	**0.933**
MINIMUM				**0.016**	**0.004**	**0.004**	**0.31**	**0.001**	**0.015**	**0.025**	**0.089**	**0.288**	**0.481**
STD DEV (GEOM *)				**0.037**	**0.023**	**0.107**	**0.12**	**0.019<A**	**1.346**	**0.281**	**1.357**	**0.079**	**1.346**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 21 1700		.3	1	271.0	4.0	267.0	430.0	2.20	8.450			7.1	
81 02 10 1630		.3	1	297.0	6.0		470.0	3.10	13.500		7.33	7.0	
81 03 24 1600		.3	1	264	7		395	3.10	11.50	176	7.69	7.60	
81 04 22 1730		.3	1	251	4		380	1.80	11.50	172	8.16	7.90	
81 05 26 1630		.3	1	253	6		380	1.90	8.15	177	7.73	7.30	
81 06 23 1630		.3	1	224	3		340	1.40	6.95	181	8.01	7.20	
81 07 21 1640		.3	1	230	2		350	0.49	5.90	172	7.49	6.90	
81 08 18 1400		.3	1				320	1.10	6.40	152	7.57	7.00	1<T
81 09 28 1730		.3	1	251	0.5		385	0.82	8.70	181	7.82	7.20	1<T
81 10 21 1530		.3	1	257	3.0		390	1.29	7.95	189	8.00	7.40	1<T
81 11 23 1645		.3	1	257	1.5		415	3.40	10.50	196	8.09	7.70	1<T
81 12 14 1245		.3	1	282	8.3		480	7.30	21.00	209	8.28	7.00	1<T
MAXIMUM				**297.0**	**8.3**	**267.0**	**480**	**7.30**	**21.00**	**209**	**8.28**	**7.90**	**1**
ARITH MEAN				**257**	**4**	**267.0**	**394**	**2.32**	**10.04**	**180**	**7.83**	**7.2**	**1<A**
GEOM MEAN				**257**	**3**		**391**	**1.83**	**9.42**	**180**	**7.83**	**7.2**	**1<A**
MINIMUM				**224**	**0.5**	**267.0**	**320**	**0.49**	**5.90**	**152**	**7.33**	**6.90**	**1**
STD DEV (GEOM *)				**20**	**2**		**48**	**1.83**	**4.14**	**15**	**0.30**	**0.3**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**11**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 08 18 1400		.3	1	0.13	0.001<	0.003	0.003<	0.001<	0.0010
81 09 28 1730		.3	1	0.07		0.005	0.006	0.006	
81 10 21 1530		.3	1	0.07		0.009	0.006	0.006	
81 11 23 1645		.3	1	0.15		0.130	0.008	0.015	
81 12 14 1245		.3	1	0.28		0.130	0.010	0.018	
MAXIMUM				**0.28**		**0.130**	**0.010**	**0.018**	**0.0010**
ARITH MEAN				**0.14**		**0.055**	**0.007**	**0.011**	**0.0010**
GEOM MEAN				**0.12**		**0.019**	**0.007**	**0.010**	
MINIMUM				**0.07**		**0.003**	**0.006**	**0.006**	**0.0010**
STD DEV (GEOM *)				**0.09**		**0.068**	**0.002**	**0.006**	
# SAMPLES (IN STATISTICS)				**5**		**5**	**4**	**4**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **WYE RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.6 NORTH OF ELMVALE**
STATION TYPE: **RIVER FLOW GAUGE FED 02ED011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **WYE RIVER**

STATION ID: **03-0070-002-02**
STORET CODE: **02 002 2620**

LAT | LONG | U.T.M.: **17 0587600.0 4940800.0 4** | REGION: **03** | DISTANCE: **22.530**

TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1530	3	1	32017	4	7500>	7500	1500>	840	0.0	11.1	0.8	0.070
81 02 10 1530	3	1	32061	4	5100	17000	1400	640	0.0	9.6	0.2	0.078
81 03 24 1530	3	1	32113	8	520	2300	20<	80A	7.0	12.20	0.2	0.065
81 04 22 1630	3	1	32161	8	80A	750	8	24	8.4	13.80	0.4	0.044
81 05 26 1530	3	1	32210	8	220A	24000>	40	8	20.8	10.80	0.8	0.050
81 06 23 1530	3	1	32259	8	6100A	75000	1100	1300	18.3		1.4	0.148
81 07 21 1545	3	1	32290	8 9	3900A	36000	556	296	20.0	9.30	1.2	0.170
81 08 18 1315	3	1	32341	8	6200A	37000	6300	15000>	18.1	8.40	0.8	0.142
81 09 28 1700	3	1	32399	8	3500	5400	600A	600A	11.9	11.10	0.4	0.092
81 10 21 1500	3	1	32438	8	3100A	31000	220	1150	8.0	10.80	0.0	0.063
81 11 23 1600	3	1	32477	8	1250	7000	100	150	2.5	11.40	0.2<T	0.068
81 12 14 1330	3	1	32521	4	530	330	80A	160	1.0	13.60	0.8	0.060
MAXIMUM					**6200**	**75000**	**6300**	**1300**	**20.8**	**13.80**	**1.4**	**0.170**
ARITH MEAN					**2773**	**19935**	**1040**	**477**	**11.6**	**11.1**	**0.7<A**	**0.087**
GEOM MEAN					**1426**	**7992**	**267**	**218**	**8.5**	**10.9**	**0.5<A**	**0.080**
MINIMUM					**80**	**330**	**8**	**8**	**1.0**	**8.40**	**0.2**	**0.044**
STD DEV (GEOM *)					**4***	**6***	**7***	**5***	**7.3**	**1.6**	**0.4<A**	**0.042**
# SAMPLES (IN STATISTICS)					**11**	**11**	**10**	**11**	**10**	**11**	**11**	**12**

TEST-NAME:			PO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 21 1530	3	1	0.028	0.172	0.650	0.010	0.955		1.137	0.478	1.615	288.0
81 02 10 1530	3	1	0.035	0.244	0.780	0.009	1.000		1.253	0.536	1.789	304.0
81 03 24 1530	3	1	0.030	0.096	0.40	0.007	0.995	1.000	1.098	0.304	1.402	283
81 04 22 1630	3	1	0.015	0.032	0.40	0.012	0.800	0.810	0.844	0.368	1.212	264
81 05 26 1530	3	1	0.022	0.060	0.45	0.061	0.675	0.735	0.796	0.390	1.186	249
81 06 23 1530	3	1	0.044	0.002	0.85	0.002	1.850	1.850	1.854	0.848	2.702	309
81 07 21 1545	3	1	0.090	0.006	0.55	0.003	1.050	1.050	1.059	0.544	1.603	305
81 08 18 1315	3	1		0.006	0.65					0.644		
81 09 28 1700	3	1	0.046	0.038	0.46	0.016	0.710	0.725	0.764	0.422	1.186	277
81 10 21 1500	3	1	0.031	0.014	0.51	0.013	1.290	1.300	1.317	0.496	1.813	317
81 11 23 1600	3	1	0.030	0.032	0.42	0.025	1.520	1.550	1.577	0.388	1.965	319
81 12 14 1330	3	1	0.034	0.004	0.34	0.001<T	1.200	1.200	1.205	0.336	1.541	257
MAXIMUM			**0.090**	**0.244**	**0.85**	**0.061**	**1.850**	**1.850**	**1.854**	**0.848**	**2.702**	**319**
ARITH MEAN			**0.037**	**0.059**	**0.53**	**0.014<A**	**1.095**	**1.136**	**1.173**	**0.479**	**1.638**	**288**
GEOM MEAN			**0.033**	**0.024**	**0.51**	**0.008<A**	**1.047**	**1.082**	**1.133**	**0.460**	**1.590**	**287**
MINIMUM			**0.015**	**0.002**	**0.34**	**0.001**	**0.675**	**0.725**	**0.764**	**0.304**	**1.186**	**249**
STD DEV (GEOM *)			**0.020**	**0.076**	**0.16**	**0.017<A**	**0.354**	**0.383**	**0.331**	**0.152**	**0.442**	**24**
# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**	**11**

TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 21 1530	3	1	28.0	260.0	420.0	14.00	12.500			7.5		
81 02 10 1530	3	1	36.0	268.0	430.0		13.500		7.71	7.6		
81 03 24 1530	3	1		257	395	15.00	11.50	175	8.09	7.90		
81 04 22 1630	3	1		254	390	6.00	12.50	173	8.42	8.20		
81 05 26 1530	3	1		234	360	4.90	10.00	162	8.57			
81 06 23 1530	3	1		256	410	22.00	9.40	200	7.89	7.50		
81 07 21 1545	3	1		254	390	6.20	6.85	189	8.11	7.70		
81 08 18 1315	3	1			420	3.90	12.50	186	7.99	7.40	1<T	1.22
81 09 28 1700	3	1		260	400	4.70	10.50	185	8.15	7.80		
81 10 21 1500	3	1		306	480	4.20	11.50	225	8.18	7.50		
81 11 23 1600	3	1		310	495	9.40	13.00	225	8.25	0.75		
81 12 14 1330	3	1		235	410	14.70	12.00	185	8.52	7.10		
MAXIMUM			**36.0**	**310**	**495**	**22.00**	**13.500**	**225**	**8.57**	**8.20**	**1**	**1.22**
ARITH MEAN			**32.0**	**263**	**416**	**9.55**	**11.31**	**190**	**8.17**	**7.0**	**1<A**	**1.22**
GEOM MEAN			**31.7**	**262**	**415**	**8.03**	**11.14**	**190**	**8.17**	**6.1**		
MINIMUM			**28.0**	**234**	**360**	**3.90**	**6.85**	**162**	**7.71**	**0.75**	**1**	**1.22**
STD DEV (GEOM *)			**5.7**	**24**	**37**	**6.00**	**1.86**	**21**	**0.26**	**2.0**		
# SAMPLES (IN STATISTICS)			**2**	**11**	**12**	**11**	**12**	**10**	**11**	**11**	**1**	**1**

TEST-NAME:			ASUT	CUUT	PBUT	ZNUT	NIUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 08 18 1315	3	1	0.001<	0.007	0.006	0.008	0.0030
81 09 28 1700	3	1		0.008	0.003<	0.005	
81 10 21 1500	3	1		0.006	0.003<	0.003	
81 11 23 1600	3	1		0.007	0.006	0.015	
81 12 14 1330	3	1		0.012	0.003<	0.011	
MAXIMUM				**0.012**	**0.006**	**0.015**	**0.0030**
ARITH MEAN				**0.008**	**0.006**	**0.008**	**0.0030**
GEOM MEAN				**0.008**	**0.006**	**0.007**	
MINIMUM				**0.006**	**0.006**	**0.003**	**0.0030**
STD DEV (GEOM *)				**0.002**	**0.000**	**0.005**	
# SAMPLES (IN STATISTICS)				**5**	**2**	**5**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **COLDWATER RIVER**
SAMPLE POINT: **AT CNR BRIDGE COLDWATER**
STATION TYPE: **RIVER FLOW GAUGE FED 02ED007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **NORTH RIVER**

STATION ID: **03-0076-001-02**
STORET CODE: **02 002 2700**

LAT | LONG: | U T M: **17 0607050.0 4952175.0 4** | REGION: **03** | DISTANCE: **2.736**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 21 1800		.3	1	32020	4	1.320	550	1650	88	32	0.0	11.4	0.6
81 02 10 1730		.3	1	32064	4	1.420	150	2300	24	20	0.0	9.7	0.2<
81 03 24 1700		.3	1	32116	8	2.580	50A	560	8	12	5.6	11.60	0.2
81 04 22 1845		.3	1	32164	8	2.110	40A	200	4<	20	7.5	11.80	0.2
81 05 26 1730		.3	1	32213	8	1.770	100A	5800	68	16	18.0	9.60	0.4
81 06 23 1730		.3	1	32262	8	5.050	3600A	65000	950	390	16.9		1.0
81 07 21 1740		.3	1	32293	7	1.250	260A	9000	48	152	18.2	9.20	0.6
81 08 18 1500		.3	1	32344	8	1.700	3200	21000	320	510	17.7	9.30	0.2<T
81 09 28 1830		.3	1	32402	8	2.500	7900	18000	1430	390	11.0	10.60	0.4
81 10 21 1645		.3	1	32441	8	2.790	580A	9400	20A	50A	7.3	11.10	0.0
81 11 23 1800		.3	1	32480	8	2.850	120A	900	10A	10A	2.0	11.30	0.4
81 12 14 1130		.3	1	32518	4	2.060	20A	30A	4<	4	1.0	13.20	0.4
MAXIMUM						**5.050**	**7900**	**65000**	**1430**	**510**	**18.2**	**13.20**	**1.0**
ARITH MEAN						**2.283**	**1381**	**11153**	**297**	**134**	**10.5**	**10.8**	**0.4<A**
GEOM MEAN						**2.113**	**301**	**2682**	**74**	**44**	**7.6**	**10.7**	**0.4<A**
MINIMUM						**1.250**	**20**	**30**	**8**	**4**	**1.0**	**9.20**	**0.2**
STD DEV (GEOM *)						**1.035**	**7***	**9***	**6***	**5***	**6.8**	**1.2**	**0.2<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**12**	**10**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG. N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1800		.3	1	0.018	0.006	0.028	0.270	0.004	0.721		0.753	0.242	0.995
81 02 10 1730		.3	1	0.022	0.002	0.020	0.300	0.004	0.746		0.770	0.280	1.050
81 03 24 1700		.3	1	0.108	0.185	0.006	0.21	0.002	0.590	0.590	0.598	0.204	0.802
81 04 22 1845		.3	1	0.018	0.002	0.004	0.22	0.002	0.525	0.525	0.531	0.216	0.747
81 05 26 1730		.3	1	0.015	0.003	0.034	0.20	0.005	0.430	0.435	0.469	0.166	0.635
81 06 23 1730		.3	1	0.072	0.012	0.004	1.38	0.002	0.470	0.470	0.476	1.376	1.852
81 07 21 1740		.3	1	0.064	0.019	0.004	0.24	0.036	0.435	0.470	0.475	0.236	0.711
81 08 18 1500		.3	1	0.078	0.054	0.028	0.32	0.012	0.420	0.430	0.460	0.292	0.752
81 09 28 1830		.3	1	0.036	0.006	0.026	0.36	0.007	0.395	0.400	0.428	0.334	0.762
81 10 21 1645		.3	1	0.028	0.007	0.018	0.30	0.003	0.460	0.465	0.481	0.282	0.763
81 11 23 1800		.3	1	0.012	0.005	0.006	0.24	0.002	0.590	0.590	0.598	0.234	0.832
81 12 14 1130		.3	1	0.012	0.008	0.004	0.14	0.001	0.720	0.720	0.725	0.136	0.861
MAXIMUM				**0.108**	**0.185**	**0.034**	**1.38**	**0.036**	**0.746**	**0.720**	**0.770**	**1.376**	**1.852**
ARITH MEAN				**0.040**	**0.026**	**0.015**	**0.34**	**0.007**	**0.542**	**0.509**	**0.564**	**0.333**	**0.897**
GEOM MEAN				**0.030**	**0.009**	**0.011**	**0.28**	**0.004**	**0.528**	**0.502**	**0.552**	**0.269**	**0.860**
MINIMUM				**0.012**	**0.002**	**0.004**	**0.14**	**0.001**	**0.395**	**0.400**	**0.428**	**0.136**	**0.635**
STD DEV (GEOM *)				**0.032**	**0.052**	**0.012**	**0.33**	**0.010**	**0.129**	**0.098**	**0.124**	**0.333**	**0.322**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 01 21 1800		.3	1	263.0	11.0	252.0	410.0	5.00	7.700			7.6	
81 02 10 1730		.3	1	272.0	21.0	251.0	405.0		7.050		7.94	7.6	
81 03 24 1700		.3	1	259	12		380	6.60	7.65	179	8.07	7.60	
81 04 22 1845		.3	1	243		240	370	1.00	7.60	174	8.47	8.80	
81 05 26 1730		.3	1	5		240	370	1.70	6.90	179	8.57	8.00	
81 06 23 1730		.3	1	265		234	360	13.00	6.45	174	7.71	7.70	
81 07 21 1740		.3	1	244		234	360	0.92	6.10	185	8.33	7.40	
81 08 18 1500		.3	1	267		254	390	4.10	6.95	188	8.28	7.70	0.006
81 09 28 1830		.3	1	259		250	385	3.90	7.40	185	8.19	7.90	0.007
81 10 21 1645		.3	1	266		260	400	3.70	8.60	198	8.24	7.80	0.012
81 11 23 1800		.3	1	233		230	400	5.50	8.35	197	8.33	7.90	0.005
81 12 14 1130		.3	1	267		7	400	5.80	7.50	188	8.42	7.30	0.012
MAXIMUM				**272.0**	**21.0**	**260**	**410.0**	**13.00**	**8.60**	**198**	**8.57**	**8.80**	**0.012**
ARITH MEAN				**236**	**14**	**222**	**385**	**4.66**	**7.35**	**185**	**8.23**	**7.7**	**0.008**
GEOM MEAN				**185**	**14**	**176**	**385**	**3.59**	**7.32**	**185**	**8.23**	**7.7**	**0.008**
MINIMUM				**5**	**11.0**	**7**	**360**	**0.92**	**6.10**	**174**	**7.71**	**7.30**	**0.005**
STD DEV (GEOM *)				**74**	**5**	**72**	**17**	**3.37**	**0.71**	**8**	**0.25**	**0.3**	**0.003**
# SAMPLES (IN STATISTICS)				**12**	**3**	**11**	**12**	**11**	**12**	**10**	**11**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 08 18 1500		.3	1	0.003<	0.004
81 09 28 1830		.3	1	0.003<	0.007
81 10 21 1645		.3	1	0.003<	0.007
81 11 23 1800		.3	1	0.006	0.006
81 12 14 1130		.3	1	0.006	0.011
MAXIMUM				**0.006**	**0.011**
ARITH MEAN				**0.006**	**0.007**
GEOM MEAN				**0.006**	**0.007**
MINIMUM				**0.006**	**0.004**
STD DEV (GEOM *)				**0.000**	**0.003**
# SAMPLES (IN STATISTICS)				**2**	**5**

B.O.W./SITE: **HOLLAND RIVER**
SAMPLE POINT: **QUEENSVILLE ROAD RIVER DRIVE PARK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-001-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M.: **17 0619650.0 4885250.0 4** REGION: **03** DISTANCE: **130.836**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1100		.3	1	38008	4					1.0	9.6	2.5	0.485
81 02 02 1020		.3	1	38021	4	1100	4400	60I	60I	1.0	10.3	3.6	0.675
81 03 11 1315		.3	1	38034	6	2400	15000	380	640	3.0	7.2	1.9	0.420
81 04 09 1245		.3	1	38047	6	480C	6400	10I	10I	11.0	8.7	1.9	0.394
81 05 14 1310		.3	1	38060	8	15000>	15000>	860	120	12.0	7.80	2.6	0.224
81 06 15		.3	1	39073	8	300A	240000>	10A	50A	25.5	13.00	6.4	0.240
81 07 02 1300		.3	1	38086	8	100A	25000	20A	10<	24.0	14.00	11.2	0.350
81 08 18 1240		.3	1	38099	8	1100	25000	30A	10<	20.5	7.40	3.8	0.600
81 09 03 1310		.3	1	38112	5	100<	96000	70A	80A	21.5	7.60	7.8	0.740
81 10 14 1240		.3	1	38125	8	1600	25500	30A	40A	11.0	8.60	2.2	0.359
81 11 05 1240		.3	1	38138	8	6200	20000	480	170	9.0	8.00	4.2U	0.275
81 12 03 1235		.3	1	38151	8	14000	30000	1390	1500>	3.0	11.00	3.0	0.312
MAXIMUM						**14000**	**96000**	**1390**	**640**	**25.5**	**14.00**	**11.2**	**0.740**
ARITH MEAN						**3031**	**27478**	**304**	**146**	**11.9**	**9.4**	**4.3**	**0.423**
GEOM MEAN						**1216**	**19392**	**85**	**77**	**7.5**	**9.2**	**3.6**	**0.394**
MINIMUM						**100**	**4400**	**10**	**10**	**1.0**	**7.2**	**1.9**	**0.224**
STD DEV (GEOM *)						**5***	**2***	**6***	**3***	**9.1**	**2.2**	**2.8**	**0.170**
# SAMPLES (IN STATISTICS)						**9**	**9**	**11**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1100		.3	1	0.410	4.200	4.550	0.120	2.470		6.790	0.350	7.140	518.0
81 02 02 1020		.3	1	0.450	7.800	9.460	0.210	1.800		9.810	1.660	11.470	626.0
81 03 11 1315		.3	1	0.315	2.200	4.000	0.065	1.340		3.605	1.800	5.405	460.0
81 04 09 1245		.3	1	0.170	1.380	2.650	1.680	0.820		3.880	1.270	5.150	564.0
81 05 14 1310		.3	1	0.160	0.028	1.08	0.006	1.94	1.950	1.974	1.052	3.026	461
81 06 15		.3	1	0.165	0.002<T	2.25	0.011	5.24	5.25	5.253	2.248	7.501	551
81 07 02 1300		.3	1	0.330	0.010	3.15	0.009	2.740	2.750	2.759	3.140	5.899	468
81 08 18 1240		.3	1	0.365	1.830	3.25	0.675	2.570	3.250	5.075	1.420	6.495	462
81 09 03 1310		.3	1	0.480	0.730	3.70	0.011	2.69	2.700	3.431	2.970	6.401	455
81 10 14 1240		.3	1	0.150	0.026	1.08	0.032	4.920	4.950	4.978	1.054	6.032	589
81 11 05 1240		.3	1	0.155	0.006	0.78	0.009	4.100	4.200	4.115	0.774	4.889	596
81 12 03 1235		.3	1	0.180	0.006	1.08	0.019	4.830	4.650	4.855	1.074	5.929	501
MAXIMUM				**0.480**	**7.800**	**9.460**	**1.680**	**5.24**	**5.25**	**9.810**	**3.140**	**11.470**	**626.0**
ARITH MEAN				**0.277**	**1.518<A**	**3.08**	**0.237**	**2.95**	**3.71**	**4.710**	**1.568**	**6.278**	**520**
GEOM MEAN				**0.251**	**0.142<A**	**2.40**	**0.045**	**2.59**	**3.52**	**4.352**	**1.349**	**6.010**	**517**
MINIMUM				**0.150**	**0.002**	**0.78**	**0.006**	**0.820**	**1.950**	**1.974**	**0.350**	**3.026**	**455**
STD DEV (GEOM *)				**0.128**	**2.364<A**	**2.38**	**0.492**	**1.47**	**1.21**	**2.046**	**0.851**	**2.003**	**62**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*HGUT*	*CUUT*
81 01 07 1100		.3	1	6.0	512.0	860.0		51.500		7.78	7.8	0.040<	
81 02 02 1020		.3	1	9.0	617.0	1060.0		119.000		7.71	8.5	0.060<	
81 03 11 1315		.3	1	9.0	451.0	780.0		71.000		7.98	7.7	0.040<	
81 04 09 1245		.3	1	53.0	511.0	820.0		97.000		7.99	8.4	0.160	
81 05 14 1310		.3	1		431	660	14.00	57.00	224	8.13	8.00		
81 06 15		.3	1		530	900	4.00	126.00	201	7.91	8.00	0.06	
81 07 02 1300		.3	1		423	720	4.20	106.00	212	7.53	7.70	0.07 <	
81 08 18 1240		.3	1		442	740	12.40	87.00	199	7.65	7.40		
81 09 03 1310		.3	1		444	720	2.10	83.00	177	7.34	7.40	0.03 <	0.003
81 10 14 1240		.3	1		562	880	6.50	93.00	263	7.80	6.60	0.03 <	0.031
81 11 05 1240		.3	1		573	880	6.40	99.00	278	7.92	5.60	0.03 <	0.011
81 12 03 1235		.3	1		478	850	22.00	89.00	264	7.63	6.60	0.03	0.004
MAXIMUM				**53.0**	**617.0**	**1060.0**	**22.00**	**126.00**	**278**	**8.13**	**8.5**	**0.160**	**0.031**
ARITH MEAN				**19.2**	**497**	**822**	**8.95**	**89.87**	**227**	**7.78**	**7.4**	**0.08**	**0.012**
GEOM MEAN				**12.7**	**494**	**816**	**6.98**	**87.08**	**225**	**7.78**	**7.4**	**0.06**	**0.008**
MINIMUM				**6.0**	**423**	**660**	**2.10**	**51.500**	**177**	**7.34**	**5.60**	**0.03**	**0.003**
STD DEV (GEOM *)				**22.5**	**63**	**107**	**6.70**	**22.40**	**37**	**0.22**	**0.8**	**0.06**	**0.013**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**3**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 09 03 1310		.3	1	0.003<	0.010
81 10 14 1240		.3	1	0.009	0.016
81 11 05 1240		.3	1	0.009	0.014
81 12 03 1235		.3	1	0.003	0.013
MAXIMUM				**0.009**	**0.016**
ARITH MEAN				**0.007**	**0.013**
GEOM MEAN				**0.006**	**0.013**
MINIMUM				**0.003**	**0.010**
STD DEV (GEOM *)				**0.003**	**0.002**
# SAMPLES (IN STATISTICS)				**3**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **SCHOMBERG RIVER**
SAMPLE POINT: **HIGHWAY 11 BRADFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-002-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M.: **17 0616325.0 4885250.0 4** REGION: **03** DISTANCE: **131.802**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 07 1045		.3	1		38009	4					1.0	6.8	0.1<	0.092
81 02 02 1010		.3	1		38022	4	1520	2400	230	210	1.0	8.3	0.8	0.047
81 03 11 1330		.3	1		38035	6	140C	3600	20I	20I	3.0	8.7	0.7	0.252
81 04 09 1300		.3	1		38048	6	80I	1440	10<	10<	12.0	8.7	3.1	0.127
81 05 14 1450		.3	1		38061	8	2700	3400	1500>	170	12.0	3.60	1.6	0.080
81 06 15		.3	1		39074	8	320A	19200	30A	210	25.5	8.60	1.6	0.342
81 07 02 1300		.3	1		38087	8	4200	23000	390	260	24.0	6.20	0.6	0.168
81 08 18 1255		.3	1		38100	8	1200	11900	10<	40A	22.0	5.60	1.4	0.125
81 09 03 1330		.3	1		38113	7	1000A	31000	370	60A	21.0	4.40	3.8	0.422
81 10 14		.3	1		38126	8	270	500	10<	590	10.0	5.80	1.4	0.190
81 11 05 1300		.3	1		38139	8	170	1900	10<	10<	9.5	7.60	1.6U	0.068
81 12 03 1255		.3	1		38152	8	3600	13000	50A	50A	2.0	8.20	1.6	0.070
		MAXIMUM					**4200**	**31000**	**390**	**590**	**25.5**	**8.7**	**3.8**	**0.422**
		ARITH MEAN					**1382**	**10122**	**182**	**179**	**11.9**	**6.8**	**1.7**	**0.166**
		GEOM MEAN					**670**	**5259**	**100**	**112**	**7.3**	**6.6**	**1.4**	**0.133**
		MINIMUM					**80**	**500**	**20**	**20**	**1.0**	**3.60**	**0.8**	**0.047**
		STD DEV (GEOM *)					**4***	**4***	**4***	**3***	**9.2**	**1.7**	**1.0**	**0.118**
		# SAMPLES (IN STATISTICS)					**11**	**11**	**6**	**9**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 07 1045		.3	1		0.051	0.284	0.800	0.023	0.822		1.129	0.516	1.645	465.0
81 02 02 1010		.3	1		0.018	0.258	0.660	0.012	0.698		0.968	0.402	1.370	458.0
81 03 11 1330		.3	1		0.215	0.192	1.030	0.030	3.120		3.342	0.838	4.180	460.0
81 04 09 1300		.3	1		0.021	0.132	1.080	0.025	0.880		1.037	0.948	1.985	475.0
81 05 14 1450		.3	1		0.028	0.078	0.89	0.085	1.220	1.300	1.383	0.812	2.195	402
81 06 15		.3	1		0.330	0.002<T	7.05	0.003	0.247	0.250	0.252	7.048	7.300	427
81 07 02 1300		.3	1		0.115	0.006	0.80	0.003	0.185	0.190	0.194	0.794	0.988	363
81 08 18 1255		.3	1		0.069	0.112	0.70	0.014	0.666	0.680	0.792	0.588	1.380	324
81 09 03 1330		.3	1		0.310	0.178	1.08	0.069	0.051	0.120	0.298	0.902	1.200	354
81 10 14		.3	1		0.120	0.096	0.80			0.410		0.704	1.210	414
81 11 05 1300		.3	1		0.020	0.008	0.52	0.092	0.870	0.950	0.970	0.512	1.482	397
81 12 03 1255		.3	1		0.038	0.156	0.78	0.036	2.610	2.650	2.802	0.624	3.426	417
		MAXIMUM			**0.330**	**0.284**	**7.05**	**0.092**	**3.120**	**2.650**	**3.342**	**7.048**	**7.300**	**475.0**
		ARITH MEAN			**0.111**	**0.125<A**	**1.34**	**0.036**	**1.034**	**0.819**	**1.197**	**1.224**	**2.363**	**413**
		GEOM MEAN			**0.067**	**0.063<A**	**0.97**	**0.022**	**0.635**	**0.518**	**0.849**	**0.818**	**1.949**	**410**
		MINIMUM			**0.018**	**0.002**	**0.52**	**0.003**	**0.051**	**0.120**	**0.194**	**0.402**	**0.988**	**324**
		STD DEV (GEOM *)			**0.113**	**0.094<A**	**1.80**	**0.032**	**0.976**	**0.845**	**1.011**	**1.842**	**1.829**	**47**
		# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**11**	**11**	**8**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 07 1045		.3	1		3.0	463.0	740.0		46.000		7.72	7.8	0.040<	
81 02 02 1010		.3	1		8.0	450.0	700.0		42.500		7.57	8.6	0.060<	
81 03 11 1330		.3	1		4.0	456.0	720.0		47.000		7.71	7.5	0.040<	
81 04 09 1300		.3	1		38.0	437.0	680.0		49.000		8.17	8.6	0.210	
81 05 14 1450		.3	1			385	600	9.60	42.50	226	8.38	8.00		
81 06 15		.3	1			415	600	4.30	35.00	225	8.31	7.90	0.07	
81 07 02 1300		.3	1			353	560	1.50	32.00	232	8.10	7.50	0.07 <	
81 08 18 1255		.3	1			316	520	3.70	31.50	208	7.97	7.70		
81 09 03 1330		.3	1			348	560	0.96	31.50	220	7.85	7.30	0.03 <	0.001<
81 10 14		.3	1			407	640	4.50	43.50	252	8.14	6.50	0.03 <	0.014
81 11 05 1300		.3	1			390	720	7.90	51.50	286	8.37	6.80	0.03 <	0.007
81 12 03 1255		.3	1			412	720	4.60	48.50	271	8.01	6.30	0.03 <	0.001
		MAXIMUM			**38.0**	**463.0**	**740.0**	**9.60**	**51.50**	**286**	**8.38**	**8.6**	**0.210**	**0.014**
		ARITH MEAN			**13.2**	**402**	**646**	**4.63**	**41.70**	**240**	**8.02**	**7.5**	**0.14**	**0.007**
		GEOM MEAN			**7.8**	**400**	**642**	**3.71**	**41.08**	**239**	**8.02**	**7.5**	**0.12**	**0.005**
		MINIMUM			**3.0**	**316**	**520**	**0.96**	**31.50**	**208**	**7.57**	**6.30**	**0.07**	**0.001**
		STD DEV (GEOM *)			**16.6**	**46**	**76**	**2.92**	**7.34**	**27**	**0.27**	**0.7**	**0.09**	**0.007**
		# SAMPLES (IN STATISTICS)			**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**2**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 09 03 1330		.3	1		0.003<	0.001
81 10 14		.3	1		0.007	0.002
81 11 05 1300		.3	1		0.007	0.003
81 12 03 1255		.3	1		0.003<	0.002
		MAXIMUM			**0.007**	**0.003**
		ARITH MEAN			**0.007**	**0.002**
		GEOM MEAN			**0.007**	**0.002**
		MINIMUM			**0.007**	**0.001**
		STD DEV (GEOM *)			**0.000**	**0.001**
		# SAMPLES (IN STATISTICS)			**2**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **HOLLAND RIVER**
SAMPLE POINT: **AT HERALD ROAD NEWMARKET**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-003-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M.: **17 0623700.0 4881725.0 4** REGION: **03** DISTANCE: **140.170**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 07 1415		.3	1	38002	6	0.560					1.0	11.5	6.5
81 02 02 1100		.3	1	38015	6	0.665	19000	33000	4700	13100	1.0	12.7	
81 03 11 1030		.3	1	38028	6	1.370	18000	67000	2500	6100	4.0	12.3	4.9
81 04 09 1030		.3	1	38041	6	1.040	61000	170000	5200	1500	11.0	10.2	5.7
81 05 14 1035		.3	1	38054	8	2.020	400A	800A	100<	100<	10.0	9.20	2.4
81 06 15		.3	1	38067	8	0.506	2500A	50000	270	80A	25.5	5.80	12.8
81 07 02 1300		.3	1	38080	8	0.489	2400A	61000	150	160	21.0	6.00	4.6
81 08 18 1005		.3	1	38093	8	0.778	2700	10300	60A	40A	17.5	6.80	5.8
81 09 03 1015		.3	1	38106		0.688	11000	200000	1230	340	20.0	5.00	6.0
81 10 14 1000		.3	1	38119	8	0.784	7100A	36000	740	1160	8.8	9.00	7.8
81 11 05 1000		.3	1	38132	8	1.130	28000	33000	1410	1290	8.5	7.40	8.0U
81 12 03 0955		.3	1	38145	8	1.860	24000	72000	3000>	3000>	4.0	10.40	3.2
MAXIMUM						**2.020**	**61000**	**200000**	**5200**	**13100**	**25.5**	**12.7**	**12.8**
ARITH MEAN						**0.991**	**16009**	**66645**	**1807**	**2641**	**11.0**	**8.8**	**6.2**
GEOM MEAN						**0.886**	**7862**	**36678**	**832**	**680**	**7.3**	**8.4**	**5.6**
MINIMUM						**0.489**	**400**	**800**	**60**	**40**	**1.0**	**5.00**	**2.4**
STD DEV (GEOM *)						**0.517**	**4***	**5***	**5***	**7***	**8.2**	**2.6**	**2.8**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**9**	**9**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 07 1415		.3	1	0.785	0.710	6.450	6.900	0.315	3.940		10.705	0.450	11.155
81 02 02 1100		.3	1	1.340	1.150	12.500	14.300	0.600	1.550		14.650	1.800	16.450
81 03 11 1030		.3	1	0.795	0.700	3.350	6.020	0.050	1.350		4.750	2.670	7.420
81 04 09 1030		.3	1	0.825	0.160	0.150	3.420	1.680	1.070		2.900	3.270	6.170
81 05 14 1035		.3	1	0.188	0.125	0.082	2.28	1.72	1.78	3.500	3.582	2.198	5.780
81 06 15		.3	1	0.580	0.475	0.002<T	6.80	0.008	13.0	13.0	13.010	6.798	19.808
81 07 02 1300		.3	1	0.600	0.390	0.196	8.19	0.012	11.500	11.500	11.708	7.994	19.702
81 08 18 1005		.3	1	0.770	0.625	0.016	2.40	0.005	3.850	3.850	3.871	2.384	6.255
81 09 03 1015		.3	1	0.700	0.510	0.014	2.30	0.007	6.90	6.90	6.921	2.286	9.207
81 10 14 1000		.3	1	0.760	0.380	0.012	0.98	0.005	5.850	5.850	5.867	0.968	6.835
81 11 05 1000		.3	1	0.870	0.575	0.008	0.98	0.009	6.000	6.000	6.017	0.972	6.989
81 12 03 0955		.3	1	0.750	0.295	0.086	2.25	0.009	6.740	6.750	6.835	2.164	8.999
MAXIMUM				**1.340**	**1.150**	**12.500**	**14.300**	**1.72**	**13.0**	**13.0**	**14.650**	**7.994**	**19.808**
ARITH MEAN				**0.747**	**0.508**	**1.905<A**	**4.73**	**0.36**	**5.2**	**7.1**	**7.568**	**2.829**	**10.397**
GEOM MEAN				**0.692**	**0.433**	**0.108<A**	**3.47**	**0.04**	**3.9**	**6.5**	**6.660**	**2.143**	**9.389**
MINIMUM				**0.188**	**0.125**	**0.002**	**0.98**	**0.005**	**1.070**	**3.500**	**2.900**	**0.450**	**5.780**
STD DEV (GEOM *)				**0.260**	**0.278**	**3.880<A**	**3.90**	**0.64**	**3.8**	**3.3**	**3.958**	**2.289**	**5.268**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 01 07 1415		.3	1	584.0	13.0	571.0	1000.0		111.000		7.89	8.1	
81 02 02 1100		.3	1	769.0	10.0	759.0	1340.0		205.000		7.76	8.5	
81 03 11 1030		.3	1	520.0	12.0	508.0	900.0		98.000		7.88	8.1	
81 04 09 1030		.3	1	549.0	27.0	522.0	780.0		108.000		7.82	7.9	
81 05 14 1035		.3	1	525		515	800	4.60	88.00	234	8.21	8.00	
81 06 15		.3	1	600		581	1010	6.70	132.00	211	7.81	8.20	
81 07 02 1300		.3	1	632		608	1020	1.50	141.00	215	7.38	7.40	
81 08 18 1005		.3	1	512		465	740	17.00	76.00	237	7.82	7.30	
81 09 03 1015		.3	1	624		574	940	2.90	110.00	243	7.39	7.30	0.011
81 10 14 1000		.3	1	606		535	880	17.00	94.00	257	7.67	7.10	0.022
81 11 05 1000		.3	1	660		594	930	21.00	106.00	271	7.62	5.70	0.130
81 12 03 0955		.3	1	590		490	880	37.00	95.00	271	7.65	5.40	0.011
MAXIMUM				**769.0**	**27.0**	**759.0**	**1340.0**	**37.00**	**205.000**	**271**	**8.21**	**8.5**	**0.130**
ARITH MEAN				**597**	**15.5**	**560**	**935**	**13.46**	**113.66**	**242**	**7.74**	**7.4**	**0.043**
GEOM MEAN				**593**	**14.3**	**555**	**924**	**8.61**	**109.95**	**241**	**7.74**	**7.3**	**0.024**
MINIMUM				**512**	**10.0**	**465**	**740**	**1.50**	**76.00**	**211**	**7.38**	**5.40**	**0.011**
STD DEV (GEOM *)				**71**	**7.8**	**76**	**156**	**12.04**	**33.83**	**23**	**0.23**	**0.9**	**0.058**
# SAMPLES (IN STATISTICS)				**12**	**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 09 03 1015		.3	1	0.003<	0.020
81 10 14 1000		.3	1	0.010	0.021
81 11 05 1000		.3	1	0.011	0.029
81 12 03 0955		.3	1	0.004	0.020
MAXIMUM				**0.011**	**0.029**
ARITH MEAN				**0.008**	**0.022**
GEOM MEAN				**0.008**	**0.022**
MINIMUM				**0.004**	**0.020**
STD DEV (GEOM *)				**0.004**	**0.004**
# SAMPLES (IN STATISTICS)				**3**	**4**

B.O.W./ SITE: **DRAINAGE CANAL**
SAMPLE POINT: **S-E CONC.AND NEWMARKET TOWNLINE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-004-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0611750.0 4875575.0 4** REGION: **03** DISTANCE: **144.998**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 07 1545		.3	1	38011	4					1.0	5.5	0.9	0.034
81 02 02 0945		.3	1	38024	4	350C	3500	10I	10<	1.0	5.5	1.0	0.072
81 03 11 1415		.3	1	38037	4	70I	830	4<	4<	1.0	6.8	0.5	0.020
81 04 09 1400		.3	1	38050	6	670	2000	32	24	12.0	8.0	0.9	0.062
81 05 14 1425		.3	1	38063	8	460	1500>	44	24	12.0	7.60	1.0	0.028
81 06 15		.3	1	38076	8	9100A	33000	4	24		10.40	0.8	0.155
81 07 02 1430		.3	1	38089	8	80A	5300	10<	10<	25.0	10.0	1.2	0.040
81 08 18 1345		.3	1	38102	8	1300	14100	10A	10<	21.5	8.20	1.2	0.058
81 09 03 1410		.3	1	38115	8	200A	31000	10A	70A	20.5	8.20	2.6	0.057
81 10 14 1335		.3	1	38128	8	50A	3400	10<	10<	10.0	8.20	0.8	0.031
81 11 05 1335		.3	1	38141	8	510A	2600	10A	1060	9.0	7.50	1.6U	0.040
81 12 03 1335		.3	1	38154	8	890A	6200	10<	10A	1.5	4.00	0.6	0.026
MAXIMUM						**9100**	**33000**	**44**	**1060**	**25.0**	**10.40**	**2.6**	**0.155**
ARITH MEAN						**1244**	**10193**	**17**	**202**	**10.4**	**7.4**	**1.1**	**0.052**
GEOM MEAN						**391**	**5478**	**13**	**47**	**5.7**	**7.2**	**1.0**	**0.044**
MINIMUM						**50**	**830**	**4**	**10**	**1.0**	**4.00**	**0.5**	**0.020**
STD DEV (GEOM *)						**4***	**3***	**2***	**5***	**8.9**	**1.8**	**0.6**	**0.036**
# SAMPLES (IN STATISTICS)						**11**	**10**	**7**	**6**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 07 1545		.3	1	0.004	0.238	0.640	0.005	0.040		0.283	0.402	0.685	409.0
81 02 02 0945		.3	1	0.002	0.326	0.850	0.005	0.050		0.381	0.524	0.905	466.0
81 03 11 1415		.3	1	0.008	0.060	0.430	0.003	0.087		0.150	0.370	0.520	332.0
81 04 09 1400		.3	1	0.011	0.120	0.650	0.009	0.156		0.285	0.530	0.815	374.0
81 05 14 1425		.3	1	0.010	0.030	0.54	0.005	0.005	0.010	0.040	0.510	0.550	319
81 06 15		.3	1	0.015	0.092	1.48	0.002	0.005<T	0.005<T	0.099	1.388	1.487	355
81 07 02 1430		.3	1	0.003	0.024	0.70	0.066	0.024	0.090	0.114	0.676	0.790	321
81 08 18 1345		.3	1	0.010	0.068	0.62	0.002	0.020	0.020	0.090	0.552	0.642	304
81 09 03 1410		.3	1		0.162	0.74					0.578		
81 10 14 1335		.3	1		0.078	0.46					0.382		
81 11 05 1335		.3	1		0.022	0.45					0.428		
81 12 03 1335		.3	1		0.054	0.44					0.386		
MAXIMUM				**0.015**	**0.326**	**1.48**	**0.066**	**0.156**	**0.090**	**0.381**	**0.676**	**0.905**	**466.0**
ARITH MEAN				**0.008**	**0.106**	**0.66**	**0.012**	**0.048<A**	**0.031<A**	**0.192**	**0.485**	**0.701**	**360**
GEOM MEAN				**0.006**	**0.076**	**0.62**	**0.006**	**0.027<A**	**0.017<A**	**0.152**	**0.476**	**0.688**	**356**
MINIMUM				**0.002**	**0.022**	**0.430**	**0.002**	**0.005**	**0.005**	**0.040**	**0.370**	**0.520**	**304**
STD DEV (GEOM *)				**0.005**	**0.093**	**0.28**	**0.022**	**0.051<A**	**0.040<A**	**0.125**	**0.099**	**0.142**	**54**
# SAMPLES (IN STATISTICS)				**8**	**12**	**12**	**8**	**8**	**4**	**7**	**11**	**7**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 07 1545		.3	1	3.0	406.0	700.0		51.500		7.49	7.9		
81 02 02 0945		.3	1	10.0	456.0	760.0		82.000		7.44	7.8		
81 03 11 1415		.3	1	2.0	330.0	560.0		31.500		7.45	7.3		
81 04 09 1400		.3	1	31.0	343.0	580.0		41.000		7.99	8.2		
81 05 14 1425		.3	1		314	500	2.50	30.50	200	8.39	7.80		
81 06 15		.3	1		294	550	5.50	34.50	243	8.56	8.00		
81 07 02 1430		.3	1		305	500	3.00	35.50	224	8.51	8.40		
81 08 18 1345		.3	1		290	560	3.40	53.50	216	8.00	7.40		
81 09 03 1410		.3	1			520	0.72	46.00	214	8.13	8.00	1<T	0.33
81 10 14 1335		.3	1			640	1.84	74.00	241	8.29	6.40	1<T	0.39
81 11 05 1335		.3	1			700	3.80	68.00	274	8.06	6.60	1<T	0.39
81 12 03 1335		.3	1			595	1.67	42.50	239	7.95	6.70	1<T	0.19
MAXIMUM				**31.0**	**456.0**	**760.0**	**5.50**	**82.000**	**274**	**8.56**	**8.40**	**1**	**0.39**
ARITH MEAN				**11.5**	**342**	**597**	**2.80**	**49.20**	**231**	**8.02**	**7.5**	**1<A**	**0.32**
GEOM MEAN				**6.6**	**338**	**591**	**2.42**	**46.68**	**230**	**8.01**	**7.5**	**1<A**	**0.31**
MINIMUM				**2.0**	**290**	**500**	**0.72**	**30.50**	**200**	**7.44**	**6.40**	**1**	**0.19**
STD DEV (GEOM *)				**13.5**	**59**	**85**	**1.48**	**17.20**	**23**	**0.39**	**0.6**	**0<A**	**0.09**
# SAMPLES (IN STATISTICS)				**4**	**8**	**12**	**8**	**12**	**8**	**12**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 09 03 1410		.3	1	0.001<	0.005	0.005	0.001<	0.0040
81 10 14 1335		.3	1	0.001<	0.015	0.004	0.001	0.0020
81 11 05 1335		.3	1	0.001<	0.006	0.003<	0.003	0.0020
81 12 03 1335		.3	1	0.001<	0.001<	0.003<	0.001	0.002 <
MAXIMUM					**0.015**	**0.005**	**0.003**	**0.0040**
ARITH MEAN					**0.009**	**0.004**	**0.002**	**0.0027**
GEOM MEAN					**0.008**	**0.004**	**0.001**	**0.0025**
MINIMUM					**0.005**	**0.004**	**0.001**	**0.0020**
STD DEV (GEOM *)					**0.006**	**0.001**	**0.001**	**0.0012**
# SAMPLES (IN STATISTICS)					**3**	**2**	**3**	**3**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **DRAINAGE CANAL**
SAMPLE POINT: **AT N-S RD.WEST GWILLIMBURY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-005-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M.: **17 0613450.0 4876925.0 4** REGION: **03** DISTANCE: **142.745**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1600		.3	1	38012	4					1.0	5.3	0.8	0.049
81 02 02 0930		.3	1	38025	4	460	960	30I	30I	1.0	5.5	2.6	0.185
81 03 11 1430		.3	1	38038	6	100I	2080	4<	4	1.0	6.8	0.4	0.019
81 04 09 1415		.3	1	38051	6	440C	7400	4	16	12.0	8.0	1.4	0.082
81 05 14 1435		.3	1	38064	8	1000	9100	24	44	12.0	7.00	1.0	0.029
81 06 15		.3	1	38077	8	400A	12400	80	188	27.0	10.20	1.0	0.050
81 07 02 1430		.3	1	38090	8	1600	18000	24	108	25.0	8.80	1.4	0.055
81 08 18 1355		.3	1	38103	8	300A	6800	36	32	19.5	10.60	0.4	0.032
81 09 03 1430		.3	1	38116	8	200A	21000	10A	60A	20.0	8.00	1.6	0.046
81 10 14 1350		.3	1	38129	8	340	5200	40A	130	10.5	8.00	1.2	0.055
81 11 05 1350		.3	1	38142	8	680	2700	10<	10<	9.5	8.80	1.2U	0.030
81 12 03 1355		.3	1	38155	8	1100	3400	10A	10A	2.0	4.00	1.2	0.023
MAXIMUM						**1600**	**21000**	**80**	**188**	**27.0**	**10.60**	**2.6**	**0.185**
ARITH MEAN						**602**	**8095**	**29**	**62**	**11.7**	**7.5**	**1.2**	**0.055**
GEOM MEAN						**461**	**5696**	**21**	**37**	**6.7**	**7.3**	**1.1**	**0.045**
MINIMUM						**100**	**960**	**4**	**4**	**1.0**	**4.00**	**0.4**	**0.019**
STD DEV (GEOM *)						**2***	**3***	**2***	**3***	**9.5**	**1.9**	**0.6**	**0.045**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1600		.3	1	0.017	0.240	0.740	0.011	0.714		0.965	0.500	1.465	488.0
81 02 02 0930		.3	1	0.007	0.370	0.970	0.012	0.113		0.495	0.600	1.095	673.0
81 03 11 1430		.3	1	0.007	0.074	0.520	0.005	0.135		0.214	0.446	0.660	379.0
81 04 09 1415		.3	1	0.014	0.188	0.800	0.014	0.106		0.308	0.612	0.920	381.0
81 05 14 1435		.3	1	0.009	0.044	0.56	0.024	0.020	0.145	0.088	0.516	0.604	367
81 06 15		.3	1	0.013	0.032	0.70	0.120	0.060	0.095	0.212	0.668	0.880	412
81 07 02 1430		.3	1	0.021	0.112	0.68	0.076	0.005<T	0.080	0.193	0.568	0.761	321
81 08 18 1355		.3	1	0.012	0.050	0.50	0.001	0.020	0.020	0.071	0.450	0.521	329
81 09 03 1430		.3	1	0.021	0.074	0.54	0.001	0.020	0.020	0.095	0.466	0.561	544
81 10 14 1350		.3	1	0.006	0.074	0.72	0.004	0.090	0.095	0.168	0.646	0.814	429
81 11 05 1350		.3	1	0.008	0.004	0.45	0.006	0.045	0.050	0.055	0.446	0.501	470
81 12 03 1355		3	1	0.013	0.026	0.40	0.009	0.210	0.220	0.245	0.374	0.619	301
MAXIMUM				**0.021**	**0.370**	**0.970**	**0.120**	**0.714**	**0.220**	**0.965**	**0.668**	**1.465**	**673.0**
ARITH MEAN				**0.012**	**0.107**	**0.63**	**0.024**	**0.128<A**	**0.091**	**0.259**	**0.524**	**0.783**	**424**
GEOM MEAN				**0.011**	**0.065**	**0.61**	**0.009**	**0.060<A**	**0.068**	**0.186**	**0.517**	**0.745**	**413**
MINIMUM				**0.006**	**0.004**	**0.40**	**0.001**	**0.005**	**0.020**	**0.055**	**0.374**	**0.501**	**301**
STD DEV (GEOM *)				**0.005**	**0.107**	**0.16**	**0.037**	**0.194<A**	**0.067**	**0.253**	**0.093**	**0.280**	**106**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 07 1600		.3	1	4.0	484.0	720.0		29.500		7.63	7.8		
81 02 02 0930		.3	1	16.0	657.0	1180.0	6.80	220.000		7.45	8.4		
81 03 11 1430		.3	1	2.0	377.0	620.0	1.20	43.500		7.62	7.3		
81 04 09 1415		.3	1	33.0	348.0	580.0		48.500		7.94	8.3		
81 05 14 1435		.3	1		360	560	4.00	49.50	207	8.51	8.00		
81 06 15		.3	1		405	670	2.00	84.00	218	8.61	8.00		
81 07 02 1430		.3	1		317	540	2.20	42.00	217	8.43	8.40		
81 08 18 1355		.3	1		324	600	1.90	92.00	175	8.30	7.20		
81 09 03 1430		.3	1		539	580	0.86	78.00	174	8.13	7.60	0.020	0.003<
81 10 14 1350		.3	1		422	720	1.19	103.00	220	8.32	6.50	0.110	0.004
81 11 05 1350		.3	1		467	740	1.53	82.00	274	7.96	6.40	0.006	0.003<
81 12 03 1355		.3	1		296	580	1.61	42.50	233	7.87	6.40	0.001<	0.003<
MAXIMUM				**33.0**	**657.0**	**1180.0**	**6.80**	**220.000**	**274**	**8.61**	**8.40**	**0.110**	**0.004**
ARITH MEAN				**13.7**	**416**	**674**	**2.33**	**76.20**	**215**	**8.06**	**7.5**	**0.045**	**0.004**
GEOM MEAN				**8.1**	**405**	**658**	**1.92**	**65.43**	**213**	**8.06**	**7.4**	**0.024**	
MINIMUM				**2.0**	**296**	**540**	**0.86**	**29.500**	**174**	**7.45**	**6.40**	**0.006**	**0.004**
STD DEV (GEOM *)				**14.2**	**105**	**173**	**1.79**	**51.15**	**32**	**0.38**	**0.7**	**0.056**	
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**10**	**12**	**8**	**12**	**12**	**3**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 03 1430		.3	1	0.011
81 10 14 1350		.3	1	0.024
81 11 05 1350		.3	1	0.003
81 12 03 1355		3	1	0.003
MAXIMUM				**0.024**
ARITH MEAN				**0.010**
GEOM MEAN				**0.007**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.010**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **HOLLAND RIVER**
SAMPLE POINT: **MULOCK DRIVE NEWMARKET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-006-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0623425.0 4877350.0 4** REGION: **03** DISTANCE: **144.998**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 07 1430		.3	1	38001	4					1.0	9.5	9.0	1.320
81 02 02 1345		.3	1	38014	4	69000	190000	3600	15000>	1.0	9.6		1.600
81 03 11 1015		.3	1	38027	6	8200C	24000	1700	900I	3.0	10.5	2.8	0.635
81 04 09 1015		.3	1	38040	6	8100	18000	2800	500I	11.0	9.7	4.9	0.182
81 05 14 1000		.3	1	38053	8	8600	30000>	100<	180A	10.0	8.00	2.8	0.122
81 06 15 0955		.3	1	38066	8	1800	26000	120A	20<	22.0	3.40	5.2	0.575
81 07 02 0950		.3	1	38079	8	1300A	44000	300	80A	21.0	3.00	7.0	0.380
81 08 18 0945		.3	1	38092		12000	150000	510	340	16.0	5.40	5.6	0.490
81 09 03 1000		.3	1	38105	8	10000	195000	900	630	19.5	4.40	5.8	0.730
81 10 14 0940		.3	1	38118	8	17000	78000	2300	390	8.0	7.00	7.2	0.298
81 11 05 0915		.3	1	38131	8	29000	58000	6900	1310	8.0	7.40	4.2U	0.248
81 12 03 0930		.3	1	38144	8	29000	83000	5800	3000>	5.5	10.20	2.4	0.535
MAXIMUM						**69000**	**195000**	**6900**	**1310**	**22.0**	**10.5**	**9.0**	**1.600**
ARITH MEAN						**17636**	**86600**	**2493**	**541**	**10.5**	**7.3**	**5.2**	**0.593**
GEOM MEAN						**10426**	**63291**	**1385**	**404**	**7.1**	**6.7**	**4.8**	**0.481**
MINIMUM						**1300**	**18000**	**120**	**80**	**1.0**	**3.00**	**2.4**	**0.122**
STD DEV (GEOM *)						**3***	**2***	**4***	**2***	**7.6**	**2.7**	**2.1**	**0.449**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**8**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 07 1430		.3	1	1.080	11.500	13.800	0.022	0.830		12.352	2.300	14.652	576.0
81 02 02 1345		.3	1	1.400	13.800	14.800	0.058	0.672		14.530	1.000	15.530	776.0
81 03 11 1015		.3	1	0.450	3.100	4.920	0.065	1.140		4.305	1.820	6.125	482.0
81 04 09 1015		.3	1	0.095		1.240	0.008	1.240				2.488	546.0
81 05 14 1000		.3	1	0.053	0.002	2.48	0.006	3.090	3.100	3.098	2.478	5.576	498
81 06 15 0955		.3	1	0.360	0.003	3.00	0.039	10.6	11.0	10.642	2.997	13.639	592
81 07 02 0950		.3	1	0.260	1.220	4.50	0.003	8.100	8.100	9.323	3.280	12.603	476
81 08 18 0945		.3	1	0.420	0.006	4.42	0.002	4.70	4.70	4.708	4.414	9.122	601
81 09 03 1000		.3	1	0.480	0.012	3.80	0.004	8.10	8.10	8.116	3.788	11.904	676
81 10 14 0940		.3	1	0.180	0.006	0.98	0.003	5.250	5.250	5.259	0.974	6.233	541
81 11 05 0915		.3	1	0.160	0.008	2.35	0.011	6.240	6.250	6.259	2.342	8.601	588
81 12 03 0930		.3	1	0.335	0.830	3.00	0.011	6.490	6.500	7.331	2.170	9.501	507
MAXIMUM				**1.400**	**13.800**	**14.800**	**0.065**	**10.6**	**11.0**	**14.530**	**4.414**	**15.530**	**776.0**
ARITH MEAN				**0.439**	**2.772**	**4.94**	**0.019**	**4.7**	**6.6**	**7.811**	**2.506**	**9.664**	**571**
GEOM MEAN				**0.304**	**0.100**	**3.60**	**0.010**	**3.3**	**6.2**	**7.065**	**2.275**	**8.684**	**566**
MINIMUM				**0.053**	**0.002**	**0.98**	**0.002**	**0.672**	**3.100**	**3.098**	**0.974**	**2.488**	**476**
STD DEV (GEOM *)				**0.404**	**5.000**	**4.54**	**0.022**	**3.3**	**2.4**	**3.598**	**1.067**	**4.075**	**86**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**8**	**11**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 07 1430		.3	1	14.0	562.0	1020.0		69.500		7.77	8.1		
81 02 02 1345		.3	1	18.0	758.0	1380.0		230.000		7.73	8.6		
81 03 11 1015		.3	1	14.0	468.0	820.0		76.000		7.96	8.2		
81 04 09 1015		.3	1	16.0	530.0	920.0		104.000		7.86	8.2		
81 05 14 1000		.3	1		484	760	5.50	69.00	231	8.15	8.10		
81 06 15 0955		.3	1		575	990	6.30	122.00	231	8.31	8.10		
81 07 02 0950		.3	1		455	780	1.50	92.00	193	7.35	8.00		
81 08 18 0945		.3	1		558	940	6.70	117.00	227	7.77	7.30		
81 09 03 1000		.3	1		613	980	6.90	120.00	250	7.41	7.40	0.012	0.007
81 10 14 0940		.3	1		522	1040	8.10	95.00	249	7.72	6.70	0.018	0.007
81 11 05 0915		.3	1		569	900	6.30	89.00	263	7.75	6.10	0.009	0.006
81 12 03 0930		.3	1		485	850	13.20	83.00	269	7.64	6.10	0.015	0.003<
MAXIMUM				**18.0**	**758.0**	**1380.0**	**13.20**	**230.000**	**269**	**8.31**	**8.6**	**0.018**	**0.007**
ARITH MEAN				**15.5**	**548**	**948**	**6.81**	**105.54**	**239**	**7.78**	**7.5**	**0.013**	**0.007**
GEOM MEAN				**15.4**	**543**	**936**	**5.97**	**99.69**	**238**	**7.78**	**7.5**	**0.013**	**0.007**
MINIMUM				**14.0**	**455**	**760**	**1.50**	**69.00**	**193**	**7.35**	**6.10**	**0.009**	**0.006**
STD DEV (GEOM *)				**1.9**	**82**	**164**	**3.23**	**43.36**	**24**	**0.27**	**0.8**	**0.004**	**0.001**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**4**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 09 03 1000		.3	1	0.006
81 10 14 0940		.3	1	0.017
81 11 05 0915		.3	1	0.017
81 12 03 0930		.3	1	0.018
MAXIMUM				**0.018**
ARITH MEAN				**0.014**
GEOM MEAN				**0.013**
MINIMUM				**0.006**
STD DEV (GEOM *)				**0.006**
# SAMPLES (IN STATISTICS)				**4**

SAMPLE INFORMATION SYSTEM — 1981 WATER QUALITY DATA — DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **AURORA CREEK**
SAMPLE POINT: **HWY.NO.11 NORTH OF ST.ANDREWS COLLEGE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02ED101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-007-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0622350.0 4875275.0 4** REGION: **03** DISTANCE: **151.274**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1445		.3	1	38000	6					2.0	10.5	10.0	0.810
81 02 02 1415		.3	1	38013	4	290000	630000	63000	12600	1.0	10.2	25.0	0.322
81 03 11 1000		.3	1	38026	6	27000	70000	3300	1500	5.0	11.5	3.4	0.182
81 04 09 1000		.3	1	38039	6	23000	72000	7500	1800	11.0	9.5	4.8	0.170
81 05 14 0945		.3	1	38052	8	7000A	48000	100A	40A	10.0	8.00	3.8	0.118
81 06 15 0935		.3	1	38065	8	14000A	535000	240	180A	21.0	6.00	13.8	0.230
81 07 02 0930		.3	1	38078	8	16000	180000	400	560	19.5	5.00	5.4	0.218
81 08 18 0945		.3	1	38091	7	34000	69000	1620	500	15.5	4.40	10.6	0.152
81 09 03 0930		.3	1	38104	8	53000	180000	620	220	18.5	3.60	4.4	0.280
81 10 14 0915		.3	1	38117	8	104000A	275000	14500	2400	9.5	5.80	6.4	0.202
81 11 05 0935		.3	1	38130	8	230000	350000	15000>	7200	9.0	6.40	7.4U	0.140
81 12 03 0915		.3	1	38143	8	44000	140000	6200	2300	6.0	10.60	3.4	0.962
MAXIMUM						**290000**	**630000**	**63000**	**12600**	**21.0**	**11.5**	**25.0**	**0.962**
ARITH MEAN						**76545**	**231727**	**9748**	**2664**	**10.7**	**7.6**	**8.2**	**0.315**
GEOM MEAN						**40899**	**164930**	**2056**	**955**	**8.0**	**7.1**	**6.7**	**0.248**
MINIMUM						**7000**	**48000**	**100**	**40**	**1.0**	**3.60**	**3.4**	**0.118**
STD DEV (GEOM *)						**3***	**2***	**8***	**5***	**6.7**	**2.7**	**6.2**	**0.275**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**11**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1445		.3	1	0.500	13.500	14.600	0.049	0.480		14.029	1.100	15.129	802.0
81 02 02 1415		.3	1	0.014	12.400	14.500	0.050	0.535		12.985	2.100	15.085	1228.0
81 03 11 1000		.3	1	0.070	5.500	8.200	0.054	0.746		6.300	2.700	9.000	610.0
81 04 09 1000		.3	1	0.023		8.360	0.110	0.840				9.310	768.0
81 05 14 0945		.3	1	0.011		7.88	0.007	4.85	4.850			12.737	676
81 06 15 0935		.3	1	0.040	0.024	10.10	0.054	12.5	13.0	12.578	10.076	22.654	639
81 07 02 0930		.3	1	0.029	1.100	10.20	0.190	16.300	16.500	17.590	9.100	26.690	761
81 08 18 0945		.3	1	0.028	2.14	11.80	0.150	11.9	12.00	14.190	9.660	23.850	782
81 09 03 0930		.3	1		11.5	13.90	0.073	2.52	2.600	14.093	2.400	16.493	787
81 10 14 0915		.3	1	0.053	0.730	2.80	4.400	4.350	8.750	9.480	2.070	11.550	679
81 11 05 0935		.3	1	0.023	0.008	2.05	0.009	8.740	8.750	8.757	2.042	10.799	647
81 12 03 0915		.3	1	3.050	1.350	3.88	0.065	6.180	6.250	7.595	2.530	10.125	565
MAXIMUM				**3.050**	**13.500**	**14.600**	**4.400**	**16.300**	**16.500**	**17.590**	**10.076**	**26.690**	**1228.0**
ARITH MEAN				**0.349**	**4.8**	**9.02**	**0.434**	**5.8**	**9.0**	**11.760**	**4.378**	**15.285**	**745**
GEOM MEAN				**0.055**	**1.1**	**7.69**	**0.075**	**3.1**	**7.9**	**11.234**	**3.275**	**14.301**	**730**
MINIMUM				**0.011**	**0.008**	**2.05**	**0.007**	**0.480**	**2.600**	**6.300**	**1.100**	**9.000**	**565**
STD DEV (GEOM *)				**0.907**	**5.5**	**4.38**	**1.250**	**5.4**	**4.5**	**3.559**	**3.644**	**6.043**	**170**
# SAMPLES (IN STATISTICS)				**11**	**10**	**12**	**12**	**12**	**8**	**10**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 07 1445		.3	1	65.0	737.0	1280.0		165.000		7.84	8.0		
81 02 02 1415		.3	1	97.0	1131.0	2100.0		431.000		7.61	8.3		
81 03 11 1000		.3	1	14.0	596.0	1060.0		128.000		7.84	8.5		
81 04 09 1000		.3	1	68.0	700.0	1040.0		183.000		7.79	8.2		
81 05 14 0945		.3	1		656	1020	6.00	128.00	220	7.68	8.20		
81 06 15 0935		.3	1		610	1120	14.00	157.00	223	7.86	8.10		
81 07 02 0930		.3	1		731	1280	2.20	196.00	221	7.53	7.40		
81 08 18 0945		.3	1		764	1280	5.30	173.00	243	7.62	7.20		
81 09 03 0930		.3	1		773	1320	1.89	193.00	296	7.81	7.20	0.017	0.004
81 10 14 0915		.3	1		652	1000	4.50	122.00	239	7.43	8.50	0.033	0.011
81 11 05 0935		.3	1		629	1000	11.10	112.00	267	7.47	5.80	0.010	0.013
81 12 03 0915		.3	1		538	980	11.10	118.00	266	7.49	6.60	0.023	0.004
MAXIMUM				**97.0**	**1131.0**	**2100.0**	**14.00**	**431.000**	**296**	**7.86**	**8.5**	**0.033**	**0.013**
ARITH MEAN				**61.0**	**709**	**1206**	**7.01**	**175.50**	**247**	**7.66**	**7.6**	**0.021**	**0.008**
GEOM MEAN				**49.5**	**697**	**1178**	**5.64**	**163.05**	**246**	**7.66**	**7.6**	**0.019**	**0.007**
MINIMUM				**14.0**	**538**	**980**	**1.89**	**112.00**	**220**	**7.43**	**5.80**	**0.010**	**0.004**
STD DEV (GEOM *)				**34.5**	**151**	**309**	**4.50**	**85.93**	**27**	**0.16**	**0.8**	**0.010**	**0.005**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 03 0930		.3	1	0.009
81 10 14 0915		.3	1	0.048
81 11 05 0935		.3	1	0.024
81 12 03 0915		.3	1	0.036
MAXIMUM				**0.048**
ARITH MEAN				**0.029**
GEOM MEAN				**0.025**
MINIMUM				**0.009**
STD DEV (GEOM *)				**0.017**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **MOSSINGTON BRIDGE SUTTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-008-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0631850.0 4908800.0 4** REGION: **03** DISTANCE: **104.122**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 07 1300		.3	1	38005	4	0.880					1.0	10.6	0.2
81 02 02 1300		.3	1	38018	4	1.250	370	1700	10<	10I	1.0	11.4	0.6
81 03 11 1130		.3	1	38031	6	2.840	230	2700	12	20	4.0	11.5	1.0
81 04 09 1130		.3	1	38044	6	2.380	140C	3100	12	12	11.0	9.2	1.5
81 05 14 1135		.3	1	38057	8	12.900	2300	29000	236	360	10.0	5.60	2.4
81 06 15 0935		.3	1	39070	8	0.742	280000	2400000	50A	80A	23.5	7.00	1.6
81 07 02 1130		.3	1	38083	8	0.569	100A	22000	20A	10A	23.0	7.40	1.4
81 08 18 1120		.3	1	38096	8	1.800	1100	6700	20A	10<	21.0	7.00	1.0
81 09 03 0930		.3	1	38109	8	1.290	1500A	45000	60A	40A	21.0	6.00	1.6
81 10 14 1105		.3	1	38122	8	1.340	280	4600	10<	10<	10.0	7.40	
81 11 05 1105		.3	1	38135	8	2.000	640	1400	10<	30A	9.5	9.80	1.2U
81 12 03 1100		.3	1	38148	8	3.330	3600	5300	30A	60A	1.5	10.20	2.4
MAXIMUM						**12.900**	**280000**	**2400000**	**236**	**360**	**23.5**	**11.5**	**2.4**
ARITH MEAN						**2.610**	**26387**	**229227**	**55**	**69**	**11.4**	**8.5**	**1.4**
GEOM MEAN						**1.752**	**982**	**10782**	**32**	**33**	**7.0**	**8.3**	**1.1**
MINIMUM						**0.569**	**100**	**1400**	**12**	**10**	**1.0**	**5.60**	**0.2**
STD DEV (GEOM *)						**3.349**	**9***	**8***	**3***	**3***	**8.7**	**2.1**	**0.7**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**8**	**9**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 07 1300		.3	1	0.027	0.016	0.186	0.680	0.012	0.618		0.816	0.494	1.310
81 02 02 1300		.3	1	0.034	0.013	0.186	0.690	0.012	0.678		0.876	0.504	1.380
81 03 11 1130		.3	1	0.037	0.007	0.064	0.560	0.008	0.587		0.659	0.496	1.155
81 04 09 1130		.3	1	0.029	0.009	0.076	0.720	0.007	0.143		0.226	0.644	0.870
81 05 14 1135		.3	1	0.045	0.014	0.030	0.82	0.031	0.160	0.190	0.221	0.790	1.011
81 06 15 0935		.3	1	0.052	0.025	0.102	0.88	0.005	0.015	0.020	0.122	0.778	0.900
81 07 02 1130		.3	1	0.045	0.018	0.042	0.98	0.060	0.010	0.070	0.112	0.938	1.050
81 08 18 1120		.3	1	0.053	0.027	0.082	0.68	0.006	0.054		0.142	0.598	0.740
81 09 03 0930		.3	1	0.082	0.039	0.096	0.98	0.010	0.060	0.070	0.166	0.884	1.050
81 10 14 1105		.3	1	0.092	0.014	0.042	0.60	0.092	0.095	0.090	0.229	0.558	0.787
81 11 05 1105		.3	1	0.032	0.011	0.004	0.62	0.039	0.090	0.130	0.133	0.616	0.749
81 12 03 1100		.3	1	0.022	0.013	0.040	0.59	0.012	0.505	0.515	0.557	0.550	1.107
MAXIMUM				**0.092**	**0.039**	**0.186**	**0.98**	**0.092**	**0.678**	**0.515**	**0.876**	**0.938**	**1.380**
ARITH MEAN				**0.046**	**0.017**	**0.079**	**0.73**	**0.024**	**0.251**	**0.155**	**0.355**	**0.654**	**1.009**
GEOM MEAN				**0.042**	**0.015**	**0.057**	**0.72**	**0.016**	**0.123**	**0.102**	**0.267**	**0.638**	**0.989**
MINIMUM				**0.022**	**0.007**	**0.004**	**0.560**	**0.005**	**0.010**	**0.020**	**0.112**	**0.494**	**0.740**
STD DEV (GEOM *)				**0.022**	**0.009**	**0.057**	**0.14**	**0.027**	**0.262**	**0.168**	**0.288**	**0.155**	**0.210**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**7**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	MERCURY UNF.TOT. UG/L AS HG
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*HGUT*
81 01 07 1300		.3	1	359.0	1.0		540.0		21.500		7.84	7.7	0.040<
81 02 02 1300		.3	1	370.0	3.0		560.0		30.500		7.65	8.4	0.060<
81 03 11 1130		.3	1	302.00	3.00		520.0		24.000		8.02	7.6	0.040<
81 04 09 1130		.3	1	297.0	4.0		460.0		25.000		8.10	8.4	0.200
81 05 14 1135		.3	1	285		279	405	2.00		166	8.32	8.40	
81 06 15 0935		.3	1	259		254	390	1.10	18.00	163	8.12	8.10	0.06
81 07 02 1130		.3	1	251		249	380	0.75	16.50	165	8.42	7.60	
81 08 18 1120		.3	1	284		282	440	1.30	19.50	191	7.99	7.50	
81 09 03 0930		.3	1	307		304	440	1.88	17.50	197	7.86	7.40	0.03 <
81 10 14 1105		.3	1	325		322	490	1.31	22.50	216	8.28	6.90	
81 11 05 1105		.3	1	352		351	520	1.60	25.50	220	8.14	6.50	0.03 <
81 12 03 1100		.3	1	297		295	500	1.39	25.50	213	8.11	6.50	0.03 <
MAXIMUM				**370.0**	**4.0**	**351**	**560.0**	**2.00**	**30.500**	**220**	**8.42**	**8.40**	**0.200**
ARITH MEAN				**307**	**2.7**	**292**	**470**	**1.42**	**22.36**	**191**	**8.07**	**7.5**	**0.13**
GEOM MEAN				**305**	**2.4**	**290**	**466**	**1.36**	**21.99**	**190**	**8.07**	**7.5**	**0.11**
MINIMUM				**251**	**1.0**	**249**	**380**	**0.75**	**16.50**	**163**	**7.85**	**6.50**	**0.06**
STD DEV (GEOM *)				**37**	**1.2**	**34**	**60**	**0.41**	**4.26**	**24**	**0.22**	**0.6**	**0.09**
# SAMPLES (IN STATISTICS)				**12**	**4**	**8**	**12**	**8**	**11**	**8**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 09 03 0930		.3	1	0.009	0.003<	0.005
81 10 14 1105		.3	1	0.007	0.006	0.006
81 11 05 1105		.3	1	0.005	0.006	0.004
81 12 03 1100		.3	1	0.010	0.003<	0.002
MAXIMUM				**0.010**	**0.006**	**0.006**
ARITH MEAN				**0.008**	**0.006**	**0.004**
GEOM MEAN				**0.007**	**0.006**	**0.004**
MINIMUM				**0.005**	**0.006**	**0.002**
STD DEV (GEOM *)				**0.002**	**0.000**	**0.002**
# SAMPLES (IN STATISTICS)				**4**	**2**	**4**

B.O.W./ SITE: **BEAVERTON RIVER**
SAMPLE POINT: **AT FIRST SIDE ROAD WEST OF CANNINGTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-011-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0654950.0 4912550.0 4** REGION: **03** DISTANCE: **118.284**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1350		.3	1	32027	4	3300	16000	660	130	0 0	8 7	1 0	0 069
81 02 11 1315		.3	1	32070	4	14800C	33000	1500>	1500>	0 0	9 1	2 8	0 138
81 03 25 1300		.3	1	32124	8	940	1700	40A	30A	6 1	10 50	0 8	0 020
81 04 23 1240		.3	1	32172	8	480	3000>	28	160	7 1	10 20	0 4	0 024
81 05 27 1320		.3	1	32221	8	6000A	90000	580	480	19 8	9 50	1 2	0 073
81 06 24 1120		.3	1	32266	8	3200A	32000	380	240	14 6	7 80	1 4	0 092
81 07 22 1300		.3	1	32301	8	3700	25000	470	170	20 0	9 00	1 2	0 056
81 08 19 1330		.3	1	32352	8	2600	22000	220	60A	20 7	8 60	1 2	0 060
81 09 29 1300		.3	1	32410	8	720A	6000	320	50A	11 3	10 10	0 4	0 175
81 10 22 1315		.3	1	32449	8	1100	18000	90A	80A	6 4	10 60	1 2	0 044
81 11 24 1345		.3	1	32488	8	580	2440	196	24	1 9	11 60	0 6	0 015
81 12 15 1315		.3	1	32534	4	280	1580	50A	10<	0 0	11 90	1 2	0 017
MAXIMUM						**14800**	**90000**	**660**	**480**	**20.7**	**11.90**	**2.8**	**0.175**
ARITH MEAN						**3142**	**22520**	**276**	**142**	**12.0**	**9.8**	**1.1**	**0.065**
GEOM MEAN						**1685**	**11755**	**175**	**97**	**9.6**	**9.7**	**1.0**	**0.049**
MINIMUM						**280**	**1580**	**28**	**24**	**1.9**	**7.80**	**0.4**	**0.015**
STD DEV (GEOM *)						**3***	**4***	**3***	**3***	**7.1**	**1.2**	**0.6**	**0.050**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**10**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 22 1350		.3	1	0 030	0 500	1 200	0 007	0 943		1 450	0 700	2 150	391 0
81 02 11 1315		.3	1	0 040	0 730	1 700	0 014	1 190		1 934	0 970	2 904	421 0
81 03 25 1300		.3	1	0 004	0 026	0 43	0 004	0 555	0 560	0 585	0 404	0 989	246
81 04 23 1240		.3	1	0 006	0 028	0 54	0 003	0 465	0 470	0 496	0 512	1 008	265
81 05 27 1320		.3	1	0 017	0 004	0 85	0 094	0 615	0 710	0 713	0 846	1 559	295
81 06 24 1120		.3	1	0 027	0 004	1 15	0 013	0 675	0 690	0 692	1 146	1 838	306
81 07 22 1300		.3	1	0 018	0 004	0 93	0 037	0 515	0 550	0 556	0 926	1 482	255
81 08 19 1330		.3	1	0 037	0 008	0 80	0 033	0 415	0 450	0 456	0 792	1 248	292
81 09 29 1300		.3	1	0 018	0 016	0 82	0 006	0 410	0 415	0 432	0 804	1 236	277
81 10 22 1315		.3	1	0 020	0 088	0 78	0 007	0 345	0 350	0 440	0 692	1 132	304
81 11 24 1345		.3	1	0 002	0 014	0 55	0 003	0 645	0 650	0 662	0 536	1 198	295
81 12 15 1315		.3	1	0 007	0 006	0 60	0 001	1 150	1 150	1 157	0 594	1 751	321
MAXIMUM				**0.040**	**0.730**	**1.700**	**0.094**	**1.190**	**1.150**	**1.934**	**1.146**	**2.904**	**421.0**
ARITH MEAN				**0.019**	**0.119**	**0.86**	**0.018**	**0.660**	**0.599**	**0.798**	**0.743**	**1.541**	**305**
GEOM MEAN				**0.014**	**0.022**	**0.80**	**0.009**	**0.611**	**0.568**	**0.704**	**0.714**	**1.464**	**302**
MINIMUM				**0.002**	**0.004**	**0.43**	**0.001**	**0.345**	**0.350**	**0.432**	**0.404**	**0.989**	**246**
STD DEV (GEOM *)				**0.013**	**0.238**	**0.35**	**0.026**	**0.285**	**0.227**	**0.472**	**0.214**	**0.557**	**52**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 22 1350		.3	1	7 0	384 0	600 0	1 90	22 000			6 8		
81 02 11 1315		.3	1	30 0	391 0	620 0		46 500		7 26	7 1		
81 03 25 1300		.3	1		244	440	1 10	17 00	190	7 92	7 60		
81 04 23 1240		.3	1		263	425	1 80	20 00	182	8 10	7 90		
81 05 27 1320		.3	1		284	430	2 30	19 00	190	8 11	7 70		
81 06 24 1120		.3	1		294	460	3 30	21 50	195	7 92	7 60		
81 07 22 1300		.3	1		244	420	1 03	18 00	201	8 03	7 50		
81 08 19 1330		.3	1		5	430	0 90	13 50	206	8 06	7 50	0 004	0 003<
81 09 29 1300		.3	1		275	450	0 79	16 50	216	7 94	7 40	0 014	0 003<
81 10 22 1315		.3	1		302	460	1 44	19 50	217	8 18	7 60	0 013	0 008
81 11 24 1345		.3	1		294	460	1 07	19 50	206	7 96	7 50	0 005	0 005
81 12 15 1315		.3	1		318	530	2 30	21 00	230	8 20	7 20		
MAXIMUM				**30.0**	**391.0**	**620.0**	**3.30**	**46.500**	**230**	**8.20**	**7.90**	**0.014**	**0.008**
ARITH MEAN				**18.5**	**274**	**477**	**1.63**	**21.16**	**203**	**7.97**	**7.4**	**0.009**	**0.006**
GEOM MEAN				**14.5**	**210**	**473**	**1.48**	**20.17**	**203**	**7.97**	**7.4**	**0.008**	**0.006**
MINIMUM				**7.0**	**5**	**420**	**0.79**	**13.50**	**182**	**7.26**	**6.8**	**0.004**	**0.005**
STD DEV (GEOM *)				**16.3**	**97**	**68**	**0.78**	**8.32**	**15**	**0.26**	**0.2**	**0.005**	**0.002**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**11**	**12**	**10**	**11**	**12**	**4**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 19 1330		.3	1	0 024
81 09 29 1300		.3	1	0 002
81 10 22 1315		.3	1	0 002
81 11 24 1345		.3	1	0 004
MAXIMUM				**0.024**
ARITH MEAN				**0.008**
GEOM MEAN				**0.004**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.011**
# SAMPLES (IN STATISTICS)				**4**

B.O.W / SITE: **CANAL LAKE OUTLET**
SAMPLE POINT: **BRIDGE, BOLSOVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-012-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0652900.0 4932750.0 4** REGION: **03** DISTANCE: **104.444**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 22 1140		.3	1	32024	4	10I	70	4<	32	0 0	6 1	0 8	0 007
81 02 11 1130		.3	1	32068	4	20I	230	4<	4	0 0	6 7	0 7	0 012
81 03 25 1130		.3	1	32121	8	10A	10A	4<	4<	5 4	11 20	0 8	0 012
81 04 23 1100		.3	1	32169	8	20A	100	4<	4	6 9	10 20	0 4	
81 05 27 1100		.3	1	32218	8	20A	80A	8	4<	18 8	10 50	1 6	0 022
81 06 24 1250		.3	1	32269	8	40A	4600	20A	10<	16 4	8 10	0 6	0 028
81 07 22 1130		.3	1	32298	8	80A	900	8	12	21 9	7 60	1 0	0 052
81 08 19 1200		.3	1	32349	8	50A	1700	4<	4<	22 6	8 80	2 4	0 025
81 09 29 1115		.3	1	32407	8	68	1120	4<	4<	12 3	9 90	0 2<T	0 026
81 10 22 1130		.3	1	32446	8	30A	610	4<	4<	7 1	9 20	0 6	0 034
81 11 24 1140		.3	1	32485	8	10A	30A	4<	4<	1 7	10 90	0 6	0 016
81 12 15 1200		.3	1	32532	8	10<	10<	4	4<	1 2	12 80	0 6	0 053
	MAXIMUM					**80**	**4600**	**20**	**32**	**22.6**	**12.80**	**2.4**	**0.053**
	ARITH MEAN					**33**	**859**	**10**	**13**	**11.4**	**9.3**	**0.9<A**	**0.026**
	GEOM MEAN					**25**	**244**	**8**	**9**	**8.0**	**9.1**	**0.7<A**	**0.022**
	MINIMUM					**10**	**10**	**4**	**4**	**1.2**	**6.1**	**0.2**	**0.007**
	STD DEV (GEOM *)					**2***	**7***	**2***	**3***	**8.1**	**1.9**	**0.6<A**	**0.015**
	# SAMPLES (IN STATISTICS)					**11**	**11**	**4**	**4**	**10**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 22 1140		.3	1	0 002	0 092	0 450	0 004	0 106		0 202	0 358	0 560	271 0
81 02 11 1130		.3	1	0 002	0 142	0 570	0 007	0 168		0 317	0 428	0 745	286 0
81 03 25 1130		.3	1	0 003	0 006	0 25	0 002	0 050	0 050	0 058	0 244	0 302	207
81 04 23 1100		.3	1		0 020	0 38	0 001<W	0 005<W	0 005<W	0 026	0 360	0 386	190
81 05 27 1100		.3	1	0 006	0 070	0 43	0 004	0 005<T	0 005	0 079	0 360	0 439	173
81 06 24 1250		.3	1	0 002	0 064	0 46	0 001	0 010	0 010	0 075	0 396	0 471	262
81 07 22 1130		.3	1	0 005	0 086	0 64	0 001	0 005<T	0 005<T	0 092	0 554	0 646	143
81 08 19 1200		.3	1	0 011	0 094	0 56	0 001<T	0 005<T	0 005<T	0 100	0 466	0 566	138
81 09 29 1115		.3	1	0 002	0 026	0 46	0 001	0 005<T	0 005	0 032	0 434	0 466	131
81 10 22 1130		.3	1	0 005	0 046	0 44	0 001<T	0 005<T	0 005<T	0 052	0 394	0 446	125
81 11 24 1140		.3	1	0 004	0 024	0 39	0 001	0 005<T	0 005	0 030	0 366	0 396	175
81 12 15 1200		.3	1	0 021	0 030	0 41	0 002	0 030	0 030	0 062	0 380	0 442	219
	MAXIMUM			**0.021**	**0.142**	**0.64**	**0.007**	**0.168**	**0.050**	**0.317**	**0.434**	**0.745**	**286.0**
	ARITH MEAN			**0.006**	**0.058**	**0.45**	**0.002<A**	**0.033<A**	**0.012<A**	**0.107**	**0.371**	**0.478**	**193**
	GEOM MEAN			**0.004**	**0.044**	**0.44**	**0.002<A**	**0.013<A**	**0.008<A**	**0.078**	**0.368**	**0.463**	**186**
	MINIMUM			**0.002**	**0.006**	**0.25**	**0.001**	**0.005**	**0.005**	**0.030**	**0.244**	**0.302**	**125**
	STD DEV (GEOM *)			**0.006**	**0.040**	**0.10**	**0.002<A**	**0.052<A**	**0.015<A**	**0.101**	**0.059**	**0.130**	**56**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**12**	**10**	**8**	**8**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 22 1140		.3	1	3 0	268 0	430 0	1 20	6 300			7 2		
81 02 11 1130		.3	1	6 0		445 0	2 00	7 350		7 24	7 3		
81 03 25 1130		.3	1	2		315	1 00	4 20	150	7 84	7 30		
81 04 23 1100		.3	1	5		285	3 00	4 15	132	8 40	7 90		
81 05 27 1100		.3	1	4		260	1 30	4 10	119	8 48	7 70		
81 06 24 1250		.3	1	2		225	1 10	4 10	100	8 21	7 90		
81 07 22 1130		.3	1	3		215	1 05	4 40	98	8 07	7 60		
81 08 19 1200		.3	1	1 4		210	1 63	3 75	95	8 31	8 00	1<T	0 07
81 09 29 1115		.3	1	1 4		200	0 85	3 60	87	8 31	7 80	1<T	0 05
81 10 22 1130		.3	1	2 0		640	0 80	3 55	90	8 32	7 70	1<T	0 05
81 11 24 1140		.3	1	0 5		267	1 39	5 20	124	8 29	7 60	1<T	0 06
81 12 15 1200		.3	1	0 9		335	1 46	5 60	162	8 30	7 70		
	MAXIMUM			**6.0**	**268.0**	**640**	**3.00**	**7.350**	**162**	**8.48**	**8.00**	**1**	**0.07**
	ARITH MEAN			**2**	**268.0**	**318**	**1.40**	**4.69**	**116**	**8.16**	**7.6**	**1<A**	**0.06**
	GEOM MEAN			**2**		**299**	**1.30**	**4.57**	**113**	**8.15**	**7.6**	**1<A**	**0.06**
	MINIMUM			**0.5**	**268.0**	**200**	**0.80**	**3.55**	**87**	**7.24**	**7.2**	**1**	**0.05**
	STD DEV (GEOM *)			**1**		**129**	**0.61**	**1.18**	**26**	**0.35**	**0.2**	**0<A**	**0.01**
	# SAMPLES (IN STATISTICS)			**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 11 1130		.3	1	0 040<			
81 08 19 1200		3	1		0 004	0 003<	0 003
81 09 29 1115		.3	1	0 04 <	0 011	0 003<	0 002
81 10 22 1130		3	1	0 07 <	0 007	0 003<	0 003
81 11 24 1140		3	1	0 03 <	0 011	0 007	0 005
81 12 15 1200		.3	1	0 03 <			
	MAXIMUM				**0.011**	**0.007**	**0.005**
	ARITH MEAN				**0.008**	**0.007**	**0.003**
	GEOM MEAN				**0.008**		**0.003**
	MINIMUM				**0.004**	**0.007**	**0.002**
	STD DEV (GEOM *)				**0.003**		**0.001**
	# SAMPLES (IN STATISTICS)				**4**	**1**	**4**

SAMPLE INFORMATION SYSTEM — 1981 WATER QUALITY DATA — DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **SEVERN RIVER**
SAMPLE POINT: **AT MAIN LOCK DAM PORT SEVERN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-013-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0601175.0 4961750.0 4** REGION: **03**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE	FWSTRC	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1730		.3	1	32019	4							0.0	11.1		0.012
81 02 10 1700		.3	1	32063	4			10<	30	10<	10<	0.0	9.2		0.012
81 03 24 1640		.3	1	32115	8			10<	10A	4<	4<	3.8	11.80	0.2	0.194
81 04 10 1038		.3	1	31085	6 8							8.0	15.80		0.017
81 04 22 1810		.3	1	32163	8							7.2	11.60		0.020
81 05 26 1700		.3	1	32212	8							12.9	8.30		0.015
81 06 23 1700		.3	1	32261	8			80A	11000	10<	10<	20.0			0.017
81 07 21 1710		.3	1	32292	7			50A	560	20A	10<	18.2	9.20		0.011
81 08 18 1430		.3	1	32343	8			10<	710	10<	40A	22.1	7.80		0.013
81 09 28 1800		.3	1	32401	8			190	260	10<	10<	14.0	9.70		0.023
81 10 21 1610		.3	1	32440	8 9			40A	430	10<	10<	8.9	9.80		0.035
81 11 23 1715		.3	1	32479	8			10<	10A	10<	10<	3.6	10.00		0.011
81 12 14 1215		.3	1	32519	8			70A	230	4<	4<	1.0	13.20		0.011
						MAXIMUM		**190**	**11000**	**20**	**40**	**22.1**	**15.80**	**0.2**	**0.194**
						ARITH MEAN		**86**	**1471**	**20**	**40**	**10.9**	**10.6**	**0.2**	**0.030**
						GEOM MEAN		**73**	**191**			**8.1**	**10.4**		**0.019**
						MINIMUM		**40**	**10**	**20**	**40**	**1.0**	**7.80**	**0.2**	**0.011**
						STD DEV (GEOM *)		**2***	**10***			**7.1**	**2.2**		**0.050**
						# SAMPLES (IN STATISTICS)		**5**	**9**	**1**	**1**	**11**	**12**	**1**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1730		.3	1	0.004									
81 02 10 1700		.3	1	0.003									
81 03 24 1640		.3	1	0.002	0.058	0.35	0.003	0.145	0.150	0.206	0.292	0.498	108
81 04 10 1038		.3	1	0.003	0.024								
81 04 22 1810		.3	1	0.002	0.012								
81 05 26 1700		.3	1	0.002	0.056								
81 06 23 1700		.3	1	0.003	0.004								
81 07 21 1710		.3	1	0.003	0.054								
81 08 18 1430		.3	1	0.005	0.044								
81 09 28 1800		.3	1		0.020								
81 10 21 1610		.3	1	0.016	0.018								
81 11 23 1715		.3	1	0.004	0.024								
81 12 14 1215		.3	1	0.004	0.010								
				MAXIMUM	**0.016**	**0.058**	**0.35**	**0.003**	**0.145**	**0.150**	**0.206**	**0.292**	**0.498**	**108**
				ARITH MEAN	**0.004**	**0.029**	**0.35**	**0.003**	**0.145**	**0.150**	**0.206**	**0.292**	**0.498**	**108**
				GEOM MEAN	**0.003**	**0.023**								
				MINIMUM	**0.002**	**0.004**	**0.35**	**0.003**	**0.145**	**0.150**	**0.206**	**0.292**	**0.498**	**108**
				STD DEV (GEOM *)	**0.004**	**0.020**								
				# SAMPLES (IN STATISTICS)	**12**	**11**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 21 1730		.3	1	2.00	120.000	185.0			65.0	7.46	7.4		
81 02 10 1700		.3	1	4.00	150.00	220.0			86.0	7.59	7.6		
81 03 24 1640		.3	1	1	107	165	1.10	6.80	56	7.50	7.50	1<T	0.31
81 04 10 1038		.3	1	2	120	185			67	8.21	7.80		
81 04 22 1810		.3	1	12	120	185			65	7.92	7.60		
81 05 26 1700		.3	1	3	107	165			57	7.96	7.90	1<T	
81 06 23 1700		.3	1	1	110	170			162	8.20	7.50	1<T	
81 07 21 1710		.3	1	1 <T	137	210			80	8.01	7.40	1<T	
81 08 18 1430		.3	1	0.1 <W	150	230			83	8.26	7.60		
81 09 28 1800		.3	1	0.5	150	230			81	8.13	7.60		
81 10 21 1610		.3	1	1.0	150	230			82	8.15	7.70	1<T	
81 11 23 1715		.3	1	0.2	139	210			76	8.05	7.70		
81 12 14 1215		.3	1	0.8	150	200			69	8.20	7.00		
				MAXIMUM	**12**	**150.00**	**230**	**1.10**	**6.80**	**162**	**8.26**	**7.90**	**1**	**0.31**
				ARITH MEAN	**2** <A	**131**	**198**	**1.10**	**6.80**	**79**	**7.97**	**7.5**	**1<A**	**0.31**
				GEOM MEAN	**1** <A	**130**	**197**			**76**	**7.97**	**7.5**	**1<A**	
				MINIMUM	**0.1**	**107**	**165**	**1.10**	**6.80**	**56**	**7.46**	**7.00**	**1**	**0.31**
				STD DEV (GEOM *)	**3** <A	**17**	**24**			**26**	**0.28**	**0.2**	**0<A**	
				# SAMPLES (IN STATISTICS)	**13**	**13**	**13**	**1**	**1**	**13**	**13**	**13**	**5**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 01 21 1730		.3	1	0.001<	0.060<	0.001 <	0.003	0.003<	0.0006	0.011	
81 02 10 1700		.3	1	0.001<	0.040<	0.002	0.004	0.003<	0.0002<	0.006	20<W
81 03 24 1640		.3	1	0.001<		0.002 <	0.001<	0.003<	0.0002<	0.002	20<W
81 04 10 1038		.3	1	0.001<	0.05	0.002 <	0.001<	0.003<	0.0003	0.005	20<W
81 04 22 1810		.3	1	0.001<		0.005	0.009	0.005	0.0004	0.013	20<W
81 05 26 1700		.3	1	0.001<		0.002 <	0.006	0.010	0.0002<	0.002	20<W
81 06 23 1700		.3	1	0.001<	0.07 <	0.0020<	0.002	0.003<	0.0002<	0.001<	20<W
81 07 21 1710		.3	1	0.001<		0.0010	0.002	0.003<	0.0002	0.001	20<W
81 08 18 1430		.3	1	0.001<		0.0020	0.005	0.003<	0.0001	0.004	20<W
81 09 28 1800		.3	1	0.001<		0.0010	0.004	0.003<	0.0002	0.004	20<W
81 10 21 1610		.3	1	0.001<	0.07 <	0.0010<	0.025	0.006	0.0007	0.005	20<W
81 11 23 1715		.3	1	0.001<	0.03 <	0.0010	0.003	0.005	0.0005	0.008	20<W
81 12 14 1215		.3	1	0.001<	0.03 <	0.001	0.021	0.007	0.0034	0.020	
				MAXIMUM	**0.05**	**0.005**	**0.025**	**0.010**	**0.0034**	**0.020**	
				ARITH MEAN	**0.05**	**0.001**	**0.008**	**0.007**	**0.0007**	**0.007**	
				GEOM MEAN		**0.001**	**0.005**	**0.006**	**0.0004**	**0.005**	
				MINIMUM	**0.05**	**0.0010**	**0.002**	**0.005**	**0.0001**	**0.001**	
				STD DEV (GEOM *)		**0.001**	**0.008**	**0.002**	**0.0010**	**0.006**	
				# SAMPLES (IN STATISTICS)	**1**	**7**	**11**	**5**	**9**	**12**	

B.O.W./ SITE: **UXBRIDGE BROOK**
SAMPLE POINT: **1ST.CONC.DNSTR.OF UXBRIDGE STP**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-014-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M. **17 0650200.0 4886875.0 4** REGION: **03** DISTANCE: **135.664**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 22 1515		.3	1	32029	6		3100	5100	30I	140	0.0	11.3	1.4
81 02 11 1430		.3	1	32071	6		6700	13000	680	350	0.0	12.5	4.6
81 03 25		.3	1	32126	8	0.340	8700	1200	10<	10A	7.2	9.70	0.8
81 04 23 1330		.3	1	32174	8	0.380	600A	2900	20A	210	6.8	9.30	0.6
81 05 27 1500		.3	1	32223	8	0.345	1800	27000	96	24	17.1	8.90	2.2
81 06 24 1030		.3	1	32264	8	0.225	9100A	180000	340	320	12.0	8.80	1.4
81 07 22 1430		.3	1	32303	8	0.267	2000A	115000	36	236	18.2	8.50	2.2
81 08 19 1430		.3	1	32354	8	0.304	1900	23000	100	144	20.1	8.30	1.0
81 09 29 1400		.3	1	32411	8	0.335	4900	6900	140	110	10.9	10.60	0.4
81 10 22 1400		.3	1	32450	8	0.376	1900	11000	130	430	7.0	9.80	0.2
81 11 24 1430		.3	1	32489	8	0.370	1240	4200	104	52	3.9	10.60	0.8
81 12 15 1400		.3	1	32535	8	0.348	1180	1080	148	48	3.8	12.40	0.6
MAXIMUM						**0.380**	**9100**	**180000**	**680**	**430**	**20.1**	**12.5**	**4.6**
ARITH MEAN						**0.329**	**3593**	**32532**	**166**	**173**	**10.7**	**10.0**	**1.3**
GEOM MEAN						**0.325**	**2592**	**10017**	**103**	**110**	**9.2**	**9.9**	**1.0**
MINIMUM						**0.225**	**600**	**1080**	**20**	**10**	**3.8**	**8.30**	**0.2**
STD DEV (GEOM *)						**0.050**	**2***	**5***	**3***	**3***	**6.0**	**1.4**	**1.2**
# SAMPLES (IN STATISTICS)						**10**	**12**	**12**	**11**	**12**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 22 1515		.3	1	0.038	0.010	0.520	0.880	0.018	1.030		1.568	0.360	1.928
81 02 11 1430		.3	1	0.302	0.014	0.296	1.280	0.022	1.030		1.348	0.984	2.332
81 03 25		.3	1	0.012	0.004	0.318	0.54	0.013	1.040	1.050	1.371	0.222	1.593
81 04 23 1330		.3	1	0.031	0.004	0.178	0.32	0.001	0.890	0.890	1.069	0.142	1.211
81 05 27 1500		.3	1	0.048	0.011	0.002<T	0.44	0.002	1.050	1.050	1.054	0.438	1.492
81 06 24 1030		.3	1	0.043	0.015	0.006	0.36	0.003	0.577	0.580	0.586	0.354	0.940
81 07 22 1430		.3	1	0.039	0.014	0.004	0.42	0.001	1.150	1.150	1.155	0.416	1.571
81 08 19 1430		.3	1	0.026	0.014	0.004	0.32	0.001<T	0.540	0.540	0.545	0.316	0.861
81 09 29 1400		.3	1	0.117		0.016	0.43	0.050	0.815	0.865	0.881	0.414	1.295
81 10 22 1400		.3	1	0.037	0.013	0.006	0.55	0.001	0.985	0.985	0.992	0.544	1.536
81 11 24 1430		.3	1	0.020	0.009	0.010	0.26	0.057	0.550	0.605	0.617	0.250	0.867
81 12 15 1400		.3	1	0.017	0.008	0.004	0.17	0.001<T	0.775	0.775	0.780	0.166	0.946
MAXIMUM				**0.302**	**0.015**	**0.520**	**1.280**	**0.057**	**1.150**	**1.150**	**1.568**	**0.984**	**2.332**
ARITH MEAN				**0.061**	**0.011**	**0.114<A**	**0.49**	**0.014<A**	**0.869**	**0.849**	**0.997**	**0.384**	**1.381**
GEOM MEAN				**0.039**	**0.010**	**0.021<A**	**0.43**	**0.005<A**	**0.842**	**0.822**	**0.945**	**0.337**	**1.315**
MINIMUM				**0.012**	**0.004**	**0.002**	**0.17**	**0.001**	**0.540**	**0.540**	**0.545**	**0.142**	**0.861**
STD DEV (GEOM *)				**0.081**	**0.004**	**0.175<A**	**0.30**	**0.020<A**	**0.216**	**0.217**	**0.330**	**0.223**	**0.455**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 22 1515		.3	1	327.0	30.0	297.0	495.0	3.60	26.500			7.8	
81 02 11 1430		.3	1	633.0	265.0	368.0	640.0		103.000		7.81	7.7	0.001<
81 03 25		.3	1	264		259	460	1.70	23.00	180	8.25	8.00	
81 04 23 1330		.3	1	291		287	460	2.20	24.50	180	8.40	8.00	
81 05 27 1500		.3	1	303		296	460	0.91	23.50	170	8.19	8.00	
81 06 24 1030		.3	1	237		229	420	1.70	17.00	179	8.16	7.70	
81 07 22 1430		.3	1	271		266	430	0.78	18.50	185	8.03	7.70	
81 08 19 1430		.3	1	250		245	430	1.40	19.50	181	8.17	7.80	
81 09 29 1400		.3	1	268		265	480	1.39	30.50	180	8.19	7.70	
81 10 22 1400		.3	1	301		296	460	2.10	23.00	192	8.25	7.60	
81 11 24 1430		.3	1	281		278	445	2.80	18.50	190	8.36	7.70	
81 12 15 1400		.3	1	279		273	460	2.80	23.00	191	8.36	7.70	
MAXIMUM				**633.0**	**265.0**	**368.0**	**640.0**	**3.60**	**103.000**	**192**	**8.40**	**8.00**	
ARITH MEAN				**308**	**147.5**	**279**	**470**	**1.94**	**29.20**	**183**	**8.20**	**7.7**	
GEOM MEAN				**297**	**89.2**	**278**	**467**	**1.77**	**25.21**	**183**	**8.20**	**7.7**	
MINIMUM				**237**	**30.0**	**229**	**420**	**0.78**	**17.00**	**170**	**7.81**	**7.60**	
STD DEV (GEOM *)				**105**	**166.2**	**34**	**57**	**0.86**	**23.54**	**7**	**0.17**	**0.1**	
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**11**	**12**	**10**	**11**	**12**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 22 1515		.3	1	0.001	0.004	0.006		0.019	
81 02 11 1430		.3	1	0.031	0.010	0.020	0.0003	0.043	
81 03 25		.3	1		0.001	0.003		0.006	0.002<
81 04 23 1330		.3	1	0.002 <	0.012	0.003<		0.008	
81 05 27 1500		.3	1	0.002 <	0.009	0.020		0.005	
81 06 24 1030		.3	1	0.0020<	0.005	0.004		0.007	
81 08 19 1430		.3	1	0.0020<	0.002	0.003<		0.002	
81 09 29 1400		.3	1	0.0030	0.014	0.008		0.006	
81 10 22 1400		.3	1	0.0030	0.010	0.008		0.007	
81 11 24 1430		.3	1	0.0030	0.005	0.007		0.008	
81 12 15 1400		.3	1	0.003	0.011	0.007		0.010	
MAXIMUM				**0.031**	**0.014**	**0.020**	**0.0003**	**0.043**	
ARITH MEAN				**0.007**	**0.008**	**0.009**	**0.0003**	**0.011**	
GEOM MEAN				**0.003**	**0.006**	**0.008**		**0.008**	
MINIMUM				**0.001**	**0.001**	**0.003**	**0.0003**	**0.002**	
STD DEV (GEOM *)				**0.011**	**0.004**	**0.006**		**0.011**	
# SAMPLES (IN STATISTICS)				**6**	**11**	**9**	**1**	**11**	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **DRAINAGE CANAL**
SAMPLE POINT: **UPSTR.FROM PUMPING STATION N-W END**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-017-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M: **17 0610600.0 4877975.0 4** REGION: **03** DISTANCE: **141.779**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1530		3	1	38010	4					1.0	8.4	1.4	0.072
81 02 02 1000		3	1	38023	4	1200	1900	20<	20I	1.0	8.2	1.0	0.050
81 03 11 1400		3	1	38036	6	18000	26000	60I	10I	1.0	9.5	1.0	0.091
81 04 09 1345		3	1	38049	6	4200	25000	8	4	12.0	9.2	8.5	0.329
81 05 14 1410		3	1	38062	8	5400	27000	192	80	12.0	7.60	1.6	0.085
81 06 15		3	1	38075	8	500A	7300	10<	10A	25.5	10.40	1.4	0.060
81 07 02 1145		3	1	38088	8	5400	17000	60A	60A	24.0	8.80	1.8	0.046
81 08 18 1325		3	1	38101	8	1500	7200	20A	10A	22.0	6.00	1.0	0.058
81 09 03 1350		3	1	38114	0	100A	23500	10A	10<	20.5	5.40	2.8	0.080
81 10 14 1320		3	1	38127	8	1700	13000	30A	40A	-40.0	7.40		0.085
81 11 05 1320		3	1	38140	8	2500	8200	50A	30A	9.0	5.60	2.4U	0.080
81 12 03 1325		3	1	38153	8	5400A	30000	340	270	3.0	9.60	1.4	0.155
MAXIMUM						**18000**	**30000**	**340**	**270**	**25.5**	**10.40**	**8.5**	**0.329**
ARITH MEAN						**4173**	**16918**	**86**	**53**	**11.9**	**8.0**	**2.2**	**0.099**
GEOM MEAN						**2151**	**13266**	**44**	**26**	**6.6**	**7.8**	**1.7**	**0.084**
MINIMUM						**100**	**1900**	**8**	**4**	**1.0**	**5.40**	**1.0**	**0.046**
STD DEV (GEOM *)						**4***	**2***	**3***	**3***	**9.8**	**1.6**	**2.2**	**0.078**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**10**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1530		3	1	0.004	0.002	0.720	0.003	0.032		0.037	0.718	0.755	423.0
81 02 02 1000		3	1	0.010	0.336	0.700	0.010	0.630		0.976	0.364	1.340	450.0
81 03 11 1400		3	1	0.033	0.046	0.780	0.010	1.440		1.496	0.734	2.230	392.0
81 04 09 1345		3	1	0.070	0.336	2.230	0.018	0.393		0.747	1.894	2.641	568.0
81 05 14 1410		3	1	0.038	0.068	0.88	0.051	1.200	1.250	1.319	0.812	2.131	419
81 06 15		3	1	0.022	0.092	0.88	0.047	0.005<T	0.050	0.144	0.788	0.932	340
81 07 02 1145		3	1	0.017	0.008	0.84	0.057	0.020	0.175	0.085	0.832	0.917	349
81 08 18 1325		3	1	0.023	0.130	0.72	0.016	0.060	0.075	0.206	0.590	0.796	373
81 09 03 1350		3	1	0.047	0.262	0.85	0.040	0.065	0.105	0.367	0.588	0.955	358
81 10 14 1320		3	1	0.011	0.042	0.60	0.030	0.360	0.390	0.432	0.558	0.990	434
81 11 05 1320		3	1	0.043	0.004	0.50	0.080	0.690	0.770	0.774	0.496	1.270	439
81 12 03 1325		3	1	0.088	0.400	1.44	0.640	3.860	4.500	4.900	1.040	5.940	496
MAXIMUM				**0.088**	**0.400**	**2.230**	**0.640**	**3.860**	**4.500**	**4.900**	**1.894**	**5.940**	**568.0**
ARITH MEAN				**0.034**	**0.144**	**0.92**	**0.083**	**0.730<A**	**0.914**	**0.957**	**0.784**	**1.741**	**420**
GEOM MEAN				**0.025**	**0.057**	**0.85**	**0.031**	**0.204<A**	**0.322**	**0.456**	**0.720**	**1.410**	**415**
MINIMUM				**0.004**	**0.002**	**0.50**	**0.003**	**0.005**	**0.050**	**0.037**	**0.364**	**0.755**	**340**
STD DEV (GEOM *)				**0.025**	**0.148**	**0.47**	**0.177**	**1.095<A**	**1.508**	**1.332**	**0.392**	**1.465**	**65**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 07 1530		3	1	11.0	412.0	720.0	6.60	50.000		7.61	7.9		
81 02 02 1000		3	1	7.0	443.0	700.0		34.500		7.51	8.3		
81 03 11 1400		3	1	5.0	387.0	640.0		31.500		7.77	7.3		
81 04 09 1345		3	1	37.0	531.0	760.0		75.000		8.14	9.0		
81 05 14 1410		3	1		408	620	6.00		247	8.30	7.90		
81 06 15		3	1		333	560	3.00	25.00	258	8.33	7.90		
81 07 02 1145		3	1		342	560	2.50	33.00	235	8.08	7.70		
81 08 18 1325		3	1		365	630	2.10	62.00	226	7.86	7.50		
81 09 03 1350		3	1	4.1		560	1.60	32.50	246	7.85	7.40	1<T	0.12
81 10 14 1320		3	1	10.0		680	3.40	39.00	295	8.32	6.60	1<T	0.48
81 11 05 1320		3	1	7.9		680	6.80	36.00	293	8.08	6.70	1<T	0.52
81 12 03 1325		3	1	8.3		780	12.70	50.50	299	7.99	6.00	1<T	0.56
MAXIMUM				**37.0**	**531.0**	**780**	**12.70**	**75.000**	**299**	**8.33**	**9.0**	**1**	**0.56**
ARITH MEAN				**11.3**	**402**	**657**	**4.97**	**42.63**	**262**	**7.99**	**7.5**	**1<A**	**0.42**
GEOM MEAN				**8.9**	**398**	**653**	**4.05**	**40.49**	**261**	**7.98**	**7.4**	**1<A**	**0.36**
MINIMUM				**4.1**	**333**	**560**	**1.60**	**25.00**	**226**	**7.51**	**6.00**	**1**	**0.12**
STD DEV (GEOM *)				**10.6**	**63**	**75**	**3.52**	**15.14**	**29**	**0.27**	**0.8**	**0<A**	**0.20**
# SAMPLES (IN STATISTICS)				**8**	**8**	**12**	**9**	**11**	**8**	**12**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*HARDT*	*CAUR*	*MGUR*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 09 03 1350		3	1	224	62.8	16.30	0.001<	0.006	0.003<	0.003	0.0010
81 10 14 1320		3	1	279	83.0	17.50	0.001<	0.025	0.003<	0.002	0.0030
81 11 05 1320		3	1	319	99.0	17.50	0.001<	0.006	0.005	0.004	0.0030
81 12 03 1325		3	1	359	114.0	18.00	0.001<	0.003	0.003<	0.003	0.002 <
MAXIMUM				**359**	**114.0**	**18.00**		**0.025**	**0.005**	**0.004**	**0.0030**
ARITH MEAN				**295**	**89.7**	**17.32**		**0.010**	**0.005**	**0.003**	**0.0023**
GEOM MEAN				**291**	**87.6**	**17.31**		**0.007**		**0.003**	**0.0021**
MINIMUM				**224**	**62.8**	**16.30**		**0.003**	**0.005**	**0.002**	**0.0010**
STD DEV (GEOM *)				**58**	**22.0**	**0.72**		**0.010**		**0.001**	**0.0012**
# SAMPLES (IN STATISTICS)				**4**	**4**	**4**		**4**	**1**	**4**	**3**

B.O.W./ SITE: **MASKINONGE JERSEY RIVER**
SAMPLE POINT: **YORK COUNTY ROAD 12 SOUTH OF KESWICK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-018-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0622600.0 4898150.0 4** REGION: **03** DISTANCE: **119.732**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 07 1200		.3	1	38006	4					1.0	10.0	0.6	0.036
81 02 02 1145		.3	1	38019	4	64000	80000	120	320	1.0	10.0	1.0	0.085
81 03 11 1230		.3	1	38032	6	4400	2400	80I	10<	2.0	11.6	2.2	0.062
81 04 09 1200		.3	1	38045	6	200I	2400	10<	10I	11.0	9.6	3.3	0.084
81 05 14 1230		.3	1	38058	8	3700	30000>	230	60A	11.0	7.00	2.0	0.080
81 06 15		.3	1	38071	8	1000A	570000	10<	10<	24.0	8.60	1.6	0.085
81 07 02 1210		.3	1	38084	8	1400	11000	30A	20A	23.0	8.00	3.2	0.103
81 08 18 1350		.3	1	38097	8	1300	7900	10A	10<	21.5	6.40	1.4	0.088
81 09 03 1215		.3	1	38110	8	7600	16500	90A	10A	21.5	6.00	2.2	0.212
81 10 14 1145		.3	1	38123	8	8800	8000	10<	20A	11.0	6.60	1.4	0.088
81 11 05 1145		.3	1	38136	8	21000	29000	120	10A	9.5	10.20	2.0U	0.065
81 12 03 1140		.3	1	38149	8	2900	13000	10A	60A	1.8	10.80	1.8	0.052
MAXIMUM						**64000**	**570000**	**230**	**320**	**24.0**	**11.6**	**3.3**	**0.212**
ARITH MEAN						**10573**	**74020**	**86**	**64**	**11.5**	**8.7**	**1.9**	**0.087**
GEOM MEAN						**3653**	**16052**	**54**	**29**	**6.9**	**8.5**	**1.7**	**0.079**
MINIMUM						**200**	**2400**	**10**	**10**	**1.0**	**6.00**	**0.6**	**0.036**
STD DEV (GEOM *)						**5***	**5***	**3***	**3***	**9.0**	**1.9**	**0.8**	**0.044**
# SAMPLES (IN STATISTICS)						**11**	**10**	**8**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 07 1200		.3	1	0.013	0.244	0.910	0.008	0.372		0.624	0.666	1.290	390.0
81 02 02 1145		.3	1	0.018	0.360	1.070	0.014	0.676		1.050	0.710	1.760	563.0
81 03 11 1230		.3	1	0.009	0.068	0.690	0.011	0.619		0.698	0.622	1.320	247.0
81 04 09 1200		.3	1	0.013	0.158	1.200	0.010	0.195		0.363	1.042	1.405	453.0
81 05 14 1230		.3	1	0.230	0.048	1.18	0.085	0.515	0.600	0.648	1.132	1.780	403
81 06 15		.3	1	0.037	0.114	1.05	0.055	0.185	0.240	0.354	0.936	1.290	345
81 07 02 1210		.3	1	0.033	0.098	1.10	0.090	0.005<T	0.090	0.193	1.002	1.195	341
81 08 18 1350		.3	1	0.050	0.120	0.90	0.003	0.005	0.010	0.128	0.780	0.908	338
81 09 03 1215		.3	1		0.232	1.08	0.013	0.005<T	0.015	0.250	0.848	1.098	365
81 10 14 1145		.3	1	0.021	0.102	0.98	0.004	0.115	0.120	0.221	0.878	1.099	458
81 11 05 1145		.3	1	0.030	0.034	0.80	0.074	0.080	0.155	0.188	0.766	0.954	511
81 12 03 1140		.3	1	0.033	0.062	0.85	0.010	0.990	1.000	1.062	0.788	1.850	421
MAXIMUM				**0.230**	**0.360**	**1.200**	**0.090**	**0.990**	**1.000**	**1.062**	**1.132**	**1.850**	**563.0**
ARITH MEAN				**0.044**	**0.137**	**0.98**	**0.031**	**0.313<A**	**0.279**	**0.482**	**0.847**	**1.329**	**402**
GEOM MEAN				**0.028**	**0.110**	**0.97**	**0.017**	**0.110<A**	**0.117**	**0.384**	**0.835**	**1.295**	**394**
MINIMUM				**0.009**	**0.034**	**0.690**	**0.003**	**0.005**	**0.010**	**0.128**	**0.622**	**0.908**	**247.0**
STD DEV (GEOM *)				**0.063**	**0.097**	**0.15**	**0.034**	**0.321<A**	**0.347**	**0.330**	**0.156**	**0.318**	**86**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF.REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 01 07 1200		.3	1	3.0	387.0	640.0		40.500		7.69	7.7		
81 02 02 1145		.3	1	5.0	558.0	840.0		50.500		7.55	8.3		
81 03 11 1230		.3	1	3.0	244.000	375.0		24.000		7.90	7.5		
81 04 09 1200		.3	1	20.0	433.0	680.0		53.500		8.18	8.4		
81 05 14 1230		.3	1		389	560	5.70		206	8.31	8.20		
81 06 15		.3	1		334	520	4.20	37.00	198	8.28	8.00		
81 07 02 1210		.3	1		324	520	6.50	35.50	200	8.02	7.80		
81 08 18 1350		.3	1		334	530	1.70	38.50	195	7.93	7.20		
81 09 03 1215		.3	1	5.6		540	1.90	39.00	196	8.01	7.40	1<T	0.17
81 10 14 1145		.3	1	6.0		660	1.69	47.00	269	8.24	7.00	1<T	0.23
81 11 05 1145		.3	1	3.3		740	2.70	60.00	278	8.03	5.10	1<T	0.22
81 12 03 1140		.3	1	2.7		720	2.10	52.50	267	8.02	6.10	1<T	0.13
MAXIMUM				**20.0**	**558.0**	**840.0**	**6.50**	**60.00**	**278**	**8.31**	**8.4**	**1**	**0.23**
ARITH MEAN				**6.1**	**375**	**610**	**3.31**	**43.45**	**226**	**8.01**	**7.3**	**1<A**	**0.19**
GEOM MEAN				**4.8**	**365**	**597**	**2.89**	**42.25**	**223**	**8.01**	**7.3**	**1<A**	**0.18**
MINIMUM				**2.7**	**244.000**	**375.0**	**1.69**	**24.000**	**195**	**7.55**	**5.10**	**1**	**0.13**
STD DEV (GEOM *)				**5.8**	**92**	**126**	**1.92**	**10.27**	**38**	**0.23**	**0.9**	**0<A**	**0.05**
# SAMPLES (IN STATISTICS)				**8**	**8**	**12**	**8**	**11**	**8**	**12**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				HGUT	CUUT	PBUT	ZNUT
81 01 07 1200		.3	1	0.040<			
81 03 11 1230		.3	1	0.040<			
81 04 09 1200		.3	1	0.170			
81 06 15		.3	1	0.06			
81 09 03 1215		.3	1	0.03 <	0.014	0.003<	0.009
81 10 14 1145		.3	1	0.03 <	0.018	0.009	0.009
81 11 05 1145		.3	1	0.03 <	0.009	0.005	0.007
81 12 03 1140		.3	1	0.03 <	0.002	0.003<	0.002
MAXIMUM				**0.170**	**0.018**	**0.009**	**0.009**
ARITH MEAN				**0.11**	**0.011**	**0.007**	**0.007**
GEOM MEAN				**0.10**	**0.008**	**0.007**	**0.006**
MINIMUM				**0.06**	**0.002**	**0.005**	**0.002**
STD DEV (GEOM *)				**0.07**	**0.007**	**0.003**	**0.003**
# SAMPLES (IN STATISTICS)				**2**	**4**	**2**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **HIGHWAY 48 BRIDGE BALDWIN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-019-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M: **17 0632150.0 4902025.0 4** REGION: **03** DISTANCE: **114.421**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1330		.3	1	38004	4					1.0	8.4	0.1<	0.034
81 02 02 1315		.3	1	38017	4	560C	3100	10<	10<	1.0	8.5	0.6	0.030
81 03 11 1115		.3	1	38030	6	310C	4400	4	4	3.0	12.7	0.6	0.024
81 04 09 1115		.3	1	38043	6	440C	6300	4<	16	11.0	9.5	1.9	0.027
81 05 14 1120		.3	1	38056	8	2200	28000	196	180	9.0	9.20	1.4	0.035
81 06 15		.3	1	38069	8	7500A	132000	20A	10<	23.0	8.80	1.0	0.082
81 07 02 1105		.3	1	38082	8	1200	26000	20A	30A	23.0	8.60	2.0	0.063
81 08 18 1100		.3	1	38095	8	1000	7500	10A	10A	19.5	7.80	0.6	0.042
81 09 03 1115		.3	1	38108	0	100<	26000	20A	10A	21.0	7.80	1.2	0.050
81 10 14 1045		.3	1	38121	8	160A	2600	10<	10<	9.0	10.00	0.4	0.052
81 11 05 1045		.3	1	38134	8	560	1840	10<	10<	8.0	10.00	1.0U	0.022
81 12 03 1040		.3	1	38147	8	1900	5400	10<	10A	1.8	6.00	1.4	0.025
MAXIMUM						**7500**	**132000**	**196**	**180**	**23.0**	**12.7**	**2.0**	**0.082**
ARITH MEAN						**1583**	**22104**	**45**	**37**	**10.9**	**8.9**	**1.1**	**0.040**
GEOM MEAN						**873**	**9234**	**20**	**17**	**6.7**	**8.8**	**1.0**	**0.037**
MINIMUM						**160**	**1840**	**4**	**4**	**1.0**	**6.00**	**0.4**	**0.022**
STD DEV (GEOM *)						**3***	**4***	**4***	**3***	**8.7**	**1.6**	**0.5**	**0.018**
# SAMPLES (IN STATISTICS)						**10**	**11**	**6**	**7**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1330		.3	1	0.012	0.182	0.650	0.012	0.658		0.852	0.468	1.320	337.0
81 02 02 1315		.3	1	0.018	0.174	0.560	0.011	0.649		0.834	0.386	1.220	370.0
81 03 11 1115		.3	1	0.013	0.078	0.550	0.007	0.583		0.668	0.472	1.140	289.0
81 04 09 1115		.3	1	0.010	0.070	0.600	0.008	0.177		0.255	0.530	0.785	287.0
81 05 14 1120		.3	1	0.014	0.032	0.75	0.018	0.130	0.150	0.180	0.718	0.898	263
81 06 15		.3	1	0.029	0.002<T	0.90	0.047	0.135	0.180	0.184	0.898	1.082	251
81 07 02 1105		.3	1	0.024	0.006	0.80	0.088	0.055	0.145	0.149	0.794	0.943	253
81 08 18 1100		.3	1	0.013	0.082	0.66	0.006	0.010	0.015	0.098	0.578	0.676	265
81 09 03 1115		.3	1	0.022	0.094	0.68	0.040	0.040	0.080	0.174	0.586	0.760	293
81 10 14 1045		.3	1	0.017	0.006	0.58	0.045	0.625	0.670	0.676	0.574	1.250	289
81 11 05 1045		.3	1	0.005	0.016	0.55	0.021	0.135	0.155	0.172	0.534	0.706	483
81 12 03 1040		.3	1	0.015	0.032	0.55	0.006	0.520	0.525	0.558	0.518	1.076	288
MAXIMUM				**0.029**	**0.182**	**0.90**	**0.088**	**0.658**	**0.670**	**0.852**	**0.898**	**1.320**	**483**
ARITH MEAN				**0.016**	**0.064<A**	**0.65**	**0.026**	**0.310**	**0.240**	**0.400**	**0.588**	**0.988**	**305**
GEOM MEAN				**0.015**	**0.033<A**	**0.64**	**0.017**	**0.174**	**0.150**	**0.305**	**0.573**	**0.964**	**300**
MINIMUM				**0.005**	**0.002**	**0.550**	**0.006**	**0.010**	**0.015**	**0.098**	**0.386**	**0.676**	**251**
STD DEV (GEOM *)				**0.007**	**0.062<A**	**0.11**	**0.025**	**0.269**	**0.230**	**0.292**	**0.146**	**0.224**	**65**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 07 1330		.3	1	2.0		520.0		17.500		7.68	7.9		
81 02 02 1315		.3	1	2.0		560.0		22.000		7.48	8.1		
81 03 11 1115		.3	1	3.0		480.0		21.500		8.01	7.5		
81 04 09 1115		.3	1	4.0		450.0		23.000		8.09	8.0		
81 05 14 1120		.3	1		260	400	1.30		163	8.37	7.70		
81 06 15		.3	1		247	380	1.00	13.00	170	8.37	8.10		
81 07 02 1105		.3	1		249	410	1.50	16.00	180	8.14	8.40		
81 08 18 1100		.3	1		262	430	1.20	16.00	199	8.12	7.40		
81 09 03 1115		.3	1		291	440	1.26	14.50	200	7.98	7.60	0.005	0.003<
81 10 14 1045		.3	1		284	460	1.29	19.50	206	8.32	7.00	0.006	0.003<
81 11 05 1045		.3	1		482	490	1.21	22.00	217	8.09	5.90	0.005	0.003
81 12 03 1040		.3	1		287	480	1.55	21.50	210	8.12	5.40	0.010	0.003<
MAXIMUM				**4.0**	**482**	**560.0**	**1.55**	**23.000**	**217**	**8.37**	**8.40**	**0.010**	**0.003**
ARITH MEAN				**2.7**	**295**	**458**	**1.29**	**18.77**	**193**	**8.06**	**7.4**	**0.006**	**0.003**
GEOM MEAN				**2.6**	**288**	**455**	**1.28**	**18.45**	**192**	**8.06**	**7.3**	**0.006**	
MINIMUM				**2.0**	**247**	**380**	**1.00**	**13.00**	**163**	**7.48**	**5.40**	**0.005**	**0.003**
STD DEV (GEOM *)				**1.0**	**77**	**51**	**0.17**	**3.50**	**20**	**0.26**	**0.9**	**0.002**	
# SAMPLES (IN STATISTICS)				**4**	**8**	**12**	**8**	**11**	**8**	**12**	**12**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 03 1115		.3	1	0.001<
81 10 14 1045		.3	1	0.001<
81 11 05 1045		.3	1	0.002
81 12 03 1040		.3	1	0.002
MAXIMUM				**0.002**
ARITH MEAN				**0.002**
GEOM MEAN				**0.002**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.000**
# SAMPLES (IN STATISTICS)				**2**

B.O.W./ SITE: **MOUNT ALBERT CREEK**
SAMPLE POINT: **2ND.CONC.N.OF MT.ALBERT E.OF HWY NO 48**
STATION TYPE: **RIVER FLOW GAUGE MOE 02EC104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-021-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0633700.0 4891500.0 4** REGION: **03** DISTANCE: **127.939**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1345		.3	1	38003	4					1.0	4.0	0.3	0.040
81 02 02 1330		.3	1	38016	4	580	1600	10<	70I	1.0	10.9	0.8	0.038
81 03 11 1100		.3	1	38029	6	1260	4600	70I	30I	3.0	12.2	0.7	0.034
81 04 09 1100		.3	1	38042	6	720	2600	10I	10I	11.0	10.7	1.1	0.044
81 05 14 1100		.3	1	38055	8	3200	19000	320	420	10.0	8.40	2.0	0.060
81 06 15		.3	1	38068	8	1300A	36500	350	160	22.0	9.40	1.0	0.085
81 07 02 1240		.3	1	38081	7	1800A	38000	370	290	20.0	8.40	1.4	0.075
81 08 18 1035		.3	1	38094	8	1700	10900	170	260	16.0	8.40	1.2	0.088
81 09 03 1100		.3	1	38107	8	800A	35000	300	310	18.0	8.20	1.8	0.110
81 10 14 1025		.3	1	38120	8	320	4800	10<	10A	7.0	9.20	0.6	0.054
81 11 05 1020		.3	1	38133	8	860	2900	20A	10A	7.0	10.00	0.8U	0.040
81 12 03 1020		.3	1	38146	8	2600	4400	40A	70A	2.5	11.40	1.6	0.042
	MAXIMUM					**3200**	**38000**	**370**	**420**	**22.0**	**12.2**	**2.0**	**0.110**
	ARITH MEAN					**1376**	**14673**	**183**	**149**	**9.9**	**9.2**	**1.1**	**0.059**
	GEOM MEAN					**1130**	**8233**	**102**	**71**	**6.4**	**8.9**	**1.0**	**0.055**
	MINIMUM					**320**	**1600**	**10**	**10**	**1.0**	**4.0**	**0.3**	**0.034**
	STD DEV (GEOM *)					**2***	**3***	**4***	**4***	**7.6**	**2.1**	**0.5**	**0.025**
	# SAMPLES (IN STATISTICS)					**11**	**11**	**9**	**11**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1345		.3	1	0.020	0.014	0.490	0.011	0.990		1.015	0.476	1.491	315.0
81 02 02 1330		.3	1	0.022	0.160	0.410	0.012	0.928		1.100	0.250	1.350	323.0
81 03 11 1100		.3	1	0.022	0.070	0.600	0.011	0.990		1.071	0.530	1.601	296.0
81 04 09 1100		.3	1	0.013	0.106	0.530	0.022	0.518		0.646	0.424	1.070	288.0
81 05 14 1100		.3	1	0.021	0.026	0.68	0.032	0.558	0.590	0.616	0.654	1.270	306
81 06 15		.3	1	0.033	0.002<T	0.60	0.002	0.765	0.765	0.769	0.598	1.367	256
81 07 02 1240		.3	1	0.034	0.004	0.50	0.002	0.655	0.655	0.661	0.496	1.157	264
81 08 18 1035		.3	1	0.032	0.014	0.62	0.022	0.660	0.680	0.696	0.606	1.302	274
81 09 03 1100		.3	1	0.039	0.006	0.55	0.002	0.690	0.690	0.698	0.544	1.242	304
81 10 14 1025		.3	1	0.017	0.006	0.38	0.044	0.615	0.660	0.665	0.374	1.039	
81 11 05 1020		.3	1	0.019	0.002	0.42	0.013	0.680	0.695	0.695	0.418	1.113	311
81 12 03 1020		.3	1	0.025	0.030	0.52	0.059	1.140	1.200	1.229	0.490	1.719	285
	MAXIMUM			**0.039**	**0.160**	**0.68**	**0.059**	**1.140**	**1.200**	**1.229**	**0.654**	**1.719**	**323.0**
	ARITH MEAN			**0.025**	**0.037<A**	**0.52**	**0.019**	**0.766**	**0.742**	**0.822**	**0.488**	**1.310**	**292**
	GEOM MEAN			**0.024**	**0.015<A**	**0.51**	**0.012**	**0.744**	**0.725**	**0.798**	**0.475**	**1.295**	**292**
	MINIMUM			**0.013**	**0.002**	**0.38**	**0.002**	**0.518**	**0.590**	**0.616**	**0.250**	**1.039**	**256**
	STD DEV (GEOM *)			**0.008**	**0.050<A**	**0.09**	**0.018**	**0.198**	**0.191**	**0.217**	**0.112**	**0.211**	**21**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 07 1345		.3	1	6.0		475.0		14.500		7.99	8.2		
81 02 02 1330		.3	1	6.0		480.0		19.500		7.89	8.7		
81 03 11 1100		.3	1	3.0		485.0		19.000		8.01	7.8		
81 04 09 1100		.3	1	7.0		450.0		16.000		8.05	8.3		
81 05 14 1100		.3	1		295	440	2.30		183	8.34	8.10		
81 06 15		.3	1		242	415	2.80	12.50	184	8.47	8.00		
81 07 02 1240		.3	1		255	410	2.50	12.50	184	8.18	7.90		
81 08 18 1035		.3	1		263	450	2.70	14.50	206	7.97	8.00		
81 09 03 1100		.3	1		291	440	2.20	14.00	208	7.93	7.70	0.006	0.003<
81 10 14 1025		.3	1				1.62	13.50	207	8.37	6.90	0.015	0.004
81 11 05 1020		.3	1		306	470	2.30	16.00	211	8.09	5.50	0.004	0.003<
81 12 03 1020		.3	1		279	480	4.40	20.00	212	8.13	5.60	0.008	0.003<
	MAXIMUM			**7.0**	**306**	**485.0**	**4.40**	**20.00**	**212**	**8.47**	**8.7**	**0.015**	**0.004**
	ARITH MEAN			**5.5**	**276**	**454**	**2.60**	**15.63**	**199**	**8.12**	**7.5**	**0.008**	**0.004**
	GEOM MEAN			**5.2**	**275**	**453**	**2.51**	**15.42**	**199**	**8.12**	**7.4**	**0.007**	
	MINIMUM			**3.0**	**242**	**410**	**1.62**	**12.50**	**183**	**7.89**	**5.50**	**0.004**	**0.004**
	STD DEV (GEOM *)			**1.7**	**23**	**26**	**0.81**	**2.73**	**13**	**0.19**	**1.0**	**0.005**	
	# SAMPLES (IN STATISTICS)			**4**	**7**	**11**	**8**	**11**	**8**	**12**	**12**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 03 1100		.3	1	0.004
81 10 14 1025		.3	1	0.003
81 11 05 1020		.3	1	0.003
81 12 03 1020		.3	1	0.002
	MAXIMUM			**0.004**
	ARITH MEAN			**0.003**
	GEOM MEAN			**0.003**
	MINIMUM			**0.002**
	STD DEV (GEOM *)			**0.001**
	# SAMPLES (IN STATISTICS)			**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **LAKE SIMCOE OUTLET**
SAMPLE POINT: **HIGHWAY 12 ATHERLEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-022-02**
STORET CODE: **02 002 2720**

LAT | LONG | U T M: **17 0629400.0 4940050.0 4** | REGION: **03** | DISTANCE: **71.936**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 22 0900		.3	1	32021	4	4<	4	4<	4<	0.0	11.2	0.2<	0.010
81 02 11 0915		.3	1	32065	4	10<	10	4<	4<	0.0	12.4	1.2	0.013
81 03 25 0845		.3	1	32117	8	10<	10A	4<	4<	3.9	12.40	1.2	0.094
81 04 23 0900		.3	1	32165	8	10<	10<	4<	4	6.2	12.40	0.6	0.015
81 05 27 0845		.3	1	32214	8	10<	10A	4<	4<	15.2	9.20	0.6	0.015
81 06 24 1515		.3	1	32273	8	20A	210	10A	10<	12.2	9.10	0.6	0.013
81 07 22 0900		.3	1	32294	8	50A	170	4	4<	18.8	7.60	0.6	0.015
81 08 19 1000		.3	1	32345	8	90A	150	4<	4<	21.0	8.40	1.0	0.082
81 09 29 0900		.3	1	32403	8	360	730	4<	4<	12.8	9.20	0.4	0.030
81 10 22 0900		.3	1	32442	8	40A	250	4<	4<	8.5	8.80	0.6	0.029
81 11 24 0900		.3	1	32481	8	10<	20A	4<	4<	4.1	10.00	0.8	0.025
81 12 15 1000		.3	1	32528	8	10A	10<	4<	4<	2.0	12.80	0.2<T	0.014
MAXIMUM						**360**	**730**	**10**	**4**	**21.0**	**12.80**	**1.2**	**0.094**
ARITH MEAN						**95**	**156**	**7**	**4**	**10.5**	**10.2**	**0.7<A**	**0.030**
GEOM MEAN						**48**	**49**	**6**		**8.3**	**10.1**	**0.6<A**	**0.022**
MINIMUM						**10**	**4**	**4**	**4**	**2.0**	**7.60**	**0.2**	**0.010**
STD DEV (GEOM *)						**3***	**6***	**2***		**6.6**	**1.8**	**0.3<A**	**0.028**
# SAMPLES (IN STATISTICS)						**6**	**10**	**2**	**1**	**10**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 22 0900		.3	1	0.003	0.032	0.420	0.001	0.009		0.042	0.388	0.430	226.0
81 02 11 0915		.3	1	0.003	0.044	0.430	0.003	0.012		0.059	0.386	0.445	229.0
81 03 25 0845		.3	1	0.001	0.001	0.35	0.002	0.018	0.020	0.021	0.349	0.370	222
81 04 23 0900		.3	1	0.001<W	0.034	0.39	0.002	0.015	0.015	0.051	0.356	0.407	213
81 05 27 0845		.3	1	0.002	0.046	0.39	0.001<T	0.005<T	0.005<T	0.052	0.344	0.396	222
81 06 24 1515		.3	1	0.004	0.042	0.41	0.001<T	0.020	0.020	0.063	0.368	0.431	222
81 07 22 0900		.3	1	0.004	0.052	0.36	0.002	0.010	0.010	0.064	0.308	0.372	215
81 08 19 1000		.3	1	0.068	0.048	0.38	0.002	0.005<T	0.005<T	0.055	0.332	0.387	208
81 09 29 0900		.3	1	0.010	0.066	0.42	0.003	0.010	0.015	0.079	0.354	0.433	209
81 10 22 0900		.3	1	0.015	0.092	0.39	0.001<T	0.005<T	0.005<T	0.098	0.298	0.396	215
81 11 24 0900		.3	1	0.010	0.018	0.35	0.001<T	0.005<T	0.005<T	0.024	0.332	0.356	216
81 12 15 1000		.3	1	0.006	0.002<W	0.35	0.001<W	0.020	0.030	0.023	0.348	0.371	217
MAXIMUM				**0.068**	**0.092**	**0.430**	**0.003**	**0.020**	**0.030**	**0.079**	**0.388**	**0.445**	**229.0**
ARITH MEAN				**0.011<A**	**0.040<A**	**0.38**	**0.002<A**	**0.011<A**	**0.013<A**	**0.050**	**0.357**	**0.407**	**217**
GEOM MEAN				**0.005<A**	**0.025<A**	**0.38**	**0.002<A**	**0.010<A**	**0.011<A**	**0.046**	**0.356**	**0.406**	**217**
MINIMUM				**0.001**	**0.001**	**0.35**	**0.001**	**0.005**	**0.005**	**0.021**	**0.308**	**0.370**	**208**
STD DEV (GEOM *)				**0.019<A**	**0.026<A**	**0.02**	**0.001<A**	**0.006<A**	**0.009<A**	**0.020**	**0.025**	**0.032**	**6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**8**	**8**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 22 0900		.3	1	2.0	224.000	345.0	0.59	18.000			7.6	1.000<	
81 02 11 0915		.3	1	1.0		350.0	0.91	19.500		8.18	7.7	1.000<	
81 03 25 0845		.3	1	1		340	0.62	18.00	128	8.24	8.20	1 <T	
81 04 23 0900		.3	1	2		325	1.00	18.00	121	8.32	7.60	1 <T	
81 05 27 0845		.3	1	4		335	1.10	18.00	126	8.47	7.90		
81 06 24 1515		.3	1	1		340	0.94	18.00	128	8.44	7.90	1 <T	
81 07 22 0900		.3	1	1 <T		330	0.57	18.50	127	8.19	7.80	1 <T	
81 08 19 1000		.3	1	0.4		320	1.60	17.00	122	8.38	7.80	1 <T	0.03
81 09 29 0900		.3	1	1.0		320	1.13	17.50	122	8.15	7.50	1 <T	0.02
81 10 22 0900		.3	1	7.0		320	2.90	18.00	125	8.34	7.60	1 <T	0.05
81 11 24 0900		.3	1	0.8		330	0.92	17.50	119	8.14	7.50	1 <T	0.03
81 12 15 1000		.3	1	1.8		330	1.77	18.50	125	8.52	7.60	1 <T	
MAXIMUM				**7.0**	**224.000**	**350.0**	**2.90**	**19.500**	**128**	**8.52**	**8.20**	**1**	**0.05**
ARITH MEAN				**1 <A**	**224.000**	**332**	**1.17**	**18.04**	**124**	**8.31**	**7.7**	**1 <A**	**0.03**
GEOM MEAN				**1 <A**		**331**	**1.04**	**18.03**	**124**	**8.31**	**7.7**	**1 <A**	**0.03**
MINIMUM				**0.4**	**224.000**	**320**	**0.57**	**17.00**	**119**	**8.14**	**7.50**	**1**	**0.02**
STD DEV (GEOM *)				**1 <A**		**10**	**0.66**	**0.62**	**3**	**0.14**	**0.2**	**0 <A**	**0.01**
# SAMPLES (IN STATISTICS)				**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**9**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 11 0915		.3	1	0.040<			
81 03 25 0845		.3	1	4.00 U			
81 08 19 1000		.3	1		0.003	0.004	0.003
81 09 29 0900		.3	1	0.04 <	0.004	0.005	0.001
81 10 22 0900		.3	1	0.07 <	0.013	0.006	0.010
81 11 24 0900		.3	1	0.03 <	0.290	0.009	0.017
81 12 15 1000		.3	1	0.03 <			
MAXIMUM				**4.00**	**0.290**	**0.009**	**0.017**
ARITH MEAN				**4.00**	**0.077**	**0.006**	**0.008**
GEOM MEAN					**0.015**	**0.006**	**0.005**
MINIMUM				**4.00**	**0.003**	**0.004**	**0.001**
STD DEV (GEOM *)					**0.142**	**0.002**	**0.007**
# SAMPLES (IN STATISTICS)				**1**	**4**	**4**	**4**

B.O.W./SITE: **SEVERN RIVER**
SAMPLE POINT: **AT HIGHWAY NO 11 SEVERN BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-023-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0631700.0 4959200.0 4** REGION: **03** DISTANCE: **53.429**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1000		.3	1	32022	4	20I	240	4<	4	0.0	12.5	0.6	0.014
81 02 11 0945		.3	1	32066	4	40I	420	4<	4	0.0	12.5	0.2<	0.011
81 03 25 0930		.3	1	32118	8	40A	290	4<	4<	5.1	11.20	0.8	0.021
81 04 23 0945		.3	1	32166	8	10A	280	4<	12	7.0	11.40	0.2<T	0.015
81 05 27 0930		.3	1	32215	8	110A	5600	4	4<	18.2	7.90	0.8	0.016
81 06 24 1440		.3	1	32272	8	140A	4600	30A	10A	15.5	8.50	0.8	0.012
81 07 22 0945		.3	1	32295	8	140	1600	20	16	21.8	7.70	0.8	0.016
81 08 19 1040		.3	1	32346	8	180A	3500	12	12	20.2	8.10	0.6	0.038
81 09 29 0945		.3	1	32404	8	70A	2400	20	4<	12.4	9.90	0.2	0.024
81 10 22 1000		.3	1	32443	8	130	1100	4<	8	7.1	9.50	0.0	0.026
81 11 24 1000		.3	1	23482	8	110	540	4	4	1.2	11.10	0.4	0.025
81 12 15 1100		.3	1	32529	8	50A	60A	4	4<	0.0	13.40	0.2<T	0.009
	MAXIMUM					**180**	**5600**	**30**	**16**	**21.8**	**13.40**	**0.8**	**0.038**
	ARITH MEAN					**87**	**1719**	**13**	**9**	**12.1**	**10.3**	**0.5<A**	**0.019**
	GEOM MEAN					**65**	**826**	**10**	**8**	**9.2**	**10.1**	**0.5<A**	**0.017**
	MINIMUM					**10**	**60**	**4**	**4**	**1.2**	**7.70**	**0.2**	**0.009**
	STD DEV (GEOM *)					**2***	**4***	**2***	**2***	**7.3**	**1.9**	**0.3<A**	**0.008**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**7**	**8**	**9**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PO4 FIL.REAC MG/L AS P	PPO4FR NH3-N TOTAL FIL.REAC MG/L AS N	NNHTFR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNTKUR NO2-N FIL.REAC MG/L AS N	NNO2FR NO3-N FIL.REAC MG/L AS N	NNO3FR NO2+NO3N FIL.REAC MG/L AS N	NNOTFR INORG N TOTAL FIL.REAC MG/L	NNTIFR KJELDAHL ORGANIC UNF.REAC MG/L	NNKUR TOTAL N MG/L AS N	NNKI RESIDUE TOTAL MG/L
81 01 22 1000		.3	1	0.003	0.062	0.430	0.002	0.048		0.112	0.368	0.480	210.0
81 02 11 0945		.3	1	0.002	0.080	0.430	0.003	0.047		0.130	0.350	0.480	205.0
81 03 25 0930		.3	1	0.005	0.036	0.40	0.002	0.088	0.090	0.126	0.364	0.490	157
81 04 23 0945		.3	1	0.001<W	0.022	0.37	0.002	0.075	0.075	0.099	0.348	0.447	146
81 05 27 0930		.3	1	0.002	0.018	0.40	0.031	0.025	0.055	0.074	0.382	0.456	160
81 06 24 1440		.3	1	0.051	0.004	0.45	0.059	0.005<W	0.110	0.068	0.446	0.514	223
81 07 22 0945		.3	1	0.001	0.058	0.43	0.004	0.015	0.020	0.077	0.372	0.449	172
81 08 19 1040		.3	1	0.030	0.040	0.39	0.002	0.020	0.020	0.062	0.350	0.412	164
81 09 29 0945		.3	1	0.001	0.022	0.37	0.001	0.015	0.015	0.038	0.348	0.386	164
81 10 22 1000		.3	1	0.002	0.030	0.38	0.001	0.010	0.010	0.041	0.350	0.391	153
81 11 24 1000		.3	1	0.002	0.026	0.48	0.001	0.030	0.030	0.057	0.454	0.511	138
81 12 15 1100		.3	1	0.002	0.008	0.37	0.033	0.030	0.065	0.071	0.362	0.433	155
	MAXIMUM			**0.051**	**0.080**	**0.48**	**0.059**	**0.088**	**0.110**	**0.130**	**0.454**	**0.514**	**223**
	ARITH MEAN			**0.008<A**	**0.034**	**0.40**	**0.012**	**0.034<A**	**0.049**	**0.080**	**0.374**	**0.454**	**170**
	GEOM MEAN			**0.003<A**	**0.026**	**0.40**	**0.004**	**0.025<A**	**0.037**	**0.074**	**0.373**	**0.452**	**168**
	MINIMUM			**0.001**	**0.004**	**0.37**	**0.001**	**0.005**	**0.010**	**0.038**	**0.348**	**0.386**	**138**
	STD DEV (GEOM *)			**0.016<A**	**0.023**	**0.03**	**0.019**	**0.026<A**	**0.035**	**0.031**	**0.037**	**0.043**	**27**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1000		.3	1	5.0	205.000	315.0	1.60	20.000			7.7	1.000<	
81 02 11 0945		.3	1	3.0		310.0	1.20	16.000		7.87	7.8	1.000<	
81 03 25 0930		.3	1	1		240	0.98	11.00	87	7.82	7.80	1 <T	
81 04 23 0945		.3	1	3		220	1.80	9.15	77	8.12	7.70	1 <T	
81 05 27 0930		.3	1	4		240	1.10	12.00	85	8.06	7.60		
81 06 24 1440		.3	1	2		340	1.40	11.50	91	8.05	7.50	1 <T	
81 07 22 0945		.3	1	3		260	0.60	15.50	97	8.01	7.40	1 <T	
81 08 19 1040		.3	1	1.1		250	0.68	14.00	90	8.20	7.60	1 <T	0.13
81 09 29 0945		.3	1	2.2		250	1.48	14.00	88	8.09	7.60	1 <T	0.10
81 10 22 1000		.3	1	3.0		230	1.15	12.50	80	8.06	7.50	1 <T	0.17
81 11 24 1000		.3	1	0.9		210	0.97	10.50	79	7.26	7.30	1 <T	0.21
81 12 15 1100		.3	1	2.0		235	1.47	11.50	83	8.04	7.20	1 <T	
	MAXIMUM			**5.0**	**205.000**	**340**	**1.80**	**20.000**	**97**	**8.20**	**7.80**	**1**	**0.21**
	ARITH MEAN			**2**	**205.000**	**258**	**1.20**	**13.13**	**86**	**7.96**	**7.5**	**1 <A**	**0.15**
	GEOM MEAN			**2**		**255**	**1.15**	**12.85**	**86**	**7.96**	**7.5**	**1 <A**	**0.15**
	MINIMUM			**0.9**	**205.000**	**210**	**0.60**	**9.15**	**77**	**7.26**	**7.20**	**1**	**0.10**
	STD DEV (GEOM *)			**1**		**41**	**0.36**	**2.96**	**6**	**0.26**	**0.1**	**0 <A**	**0.05**
	# SAMPLES (IN STATISTICS)			**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**9**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 02 11 0945		.3	1	0.040<			
81 08 19 1040		.3	1		0.002	0.003	0.005
81 09 29 0945		.3	1	0.04 <	0.002	0.003	0.004
81 10 22 1000		.3	1		0.006	0.004	0.005
81 11 24 1000		.3	1	0.03 <	0.014	0.007	0.010
81 12 15 1100		.3	1	0.03 <			
	MAXIMUM				**0.014**	**0.007**	**0.010**
	ARITH MEAN				**0.006**	**0.004**	**0.006**
	GEOM MEAN				**0.004**	**0.004**	**0.006**
	MINIMUM				**0.002**	**0.003**	**0.004**
	STD DEV (GEOM *)				**0.006**	**0.002**	**0.003**
	# SAMPLES (IN STATISTICS)				**4**	**4**	**4**

B.O.W / SITE: **BEAVERTON RIVER**
SAMPLE POINT: **RAILROAD BRIDGE BEAVERTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-025-02**
STORET CODE: **02 002 2720**

LAT LONG U.T.M: **17 0646445.0 4921175.0 4** REGION: **03** DISTANCE: **98.972**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 22 1215		.3	1	32025	4	0.837	180I	1680	12	20	0.0	8.5	1.2
81 02 11 1200		.3	1	32069	4	1.100	1600	4600	110	80I	0.0	10.9	2.6
81 03 25 1200		.3	1	32122	8	2.290	260	2100	10<	10<	5.9	11.00	0.8
81 04 23 1130		.3	1	32170	8	2.750	200	3000>	12	356	7.8	9.40	0.4
81 05 27 1130		.3	1	32219	8	0.804	330A	5300	40	8	20.1	8.80	1.2
81 06 24 1210		.3	1	32268	8	1.030	1200A	34000	530	120	15.9	8.00	1.0
81 07 22 1150		.3	1	32299	8	0.562	690A	7000	40	44	21.9	7.60	1.0
81 08 19 1230		.3	1	32350	8	1.010	550A	8000	132	36	20.2	5.20	1.6
81 09 29 1145		.3	1	32408	8 9	1.060	1100	9300	52	4<	11.2	9.60	0.8
81 10 22 1200		.3	1	32447	8	1.880	240A	7600	24	84	6.4	9.60	0.4
81 11 24 1230		.3	1	32486	8	4.560	130	2500	56	84	1.5	11.40	0.6
81 12 15 1230		.3	1	32533	4	1.500	200	760	108	4	1.0	1.22	0.8
	MAXIMUM					**4.560**	**1600**	**34000**	**530**	**356**	**21.9**	**11.40**	**2.6**
	ARITH MEAN					**1.615**	**557**	**7531**	**101**	**84**	**11.2**	**8.4**	**1.0**
	GEOM MEAN					**1.352**	**397**	**4650**	**55**	**44**	**7.7**	**7.5**	**0.9**
	MINIMUM					**0.562**	**130**	**760**	**12**	**4**	**1.0**	**1.22**	**0.4**
	STD DEV (GEOM *)					**1.134**	**2***	**3***	**3***	**4***	**7.9**	**2.8**	**0.6**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**11**	**11**	**10**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 22 1215		.3	1	0.033	0.021	0.430	1.030	0.013	1.140		1.583	0.600	2.183
81 02 11 1200		.3	1	0.078	0.017	0.500	1.250	0.017	1.130		1.647	0.750	2.397
81 03 25 1200		.3	1	0.020	0.001<W	0.006	0.54	0.004	0.785	0.790	0.795	0.534	1.329
81 04 23 1130		.3	1	0.244	0.230	0.016	0.61	0.004	0.425	0.430	0.445	0.594	1.039
81 05 27 1130		.3	1	0.036	0.006	0.004	0.82	0.025	0.380	0.405	0.409	0.816	1.225
81 06 24 1210		.3	1	0.052	0.005	0.006	1.02	0.001	1.750	1.750	1.757	1.014	2.771
81 07 22 1150		.3	1	0.040	0.002	0.004	0.93	0.046	0.285	0.330	0.335	0.926	1.261
81 08 19 1230		.3	1	0.060	0.041	0.006	0.90	0.047	0.275	0.320	0.328	0.894	1.222
81 09 29 1145		.3	1	0.060	0.003	0.026	0.80	0.008	0.280	0.290	0.314	0.774	1.088
81 10 22 1200		.3	1	0.181		0.006	0.66	0.002	0.385	0.385	0.393	0.654	1.047
81 11 24 1230		.3	1	0.015	0.004	0.006	0.60	0.003	1.230	1.250	1.239	0.594	1.833
81 12 15 1230		.3	1	0.012	0.002	0.004	0.64	0.012	1.440	1.450	1.456	0.636	2.092
	MAXIMUM			**0.244**	**0.230**	**0.500**	**1.250**	**0.047**	**1.750**	**1.750**	**1.757**	**1.014**	**2.771**
	ARITH MEAN			**0.069**	**0.030<A**	**0.084**	**0.81**	**0.015**	**0.792**	**0.740**	**0.892**	**0.732**	**1.624**
	GEOM MEAN			**0.047**	**0.008<A**	**0.014**	**0.79**	**0.008**	**0.635**	**0.590**	**0.709**	**0.718**	**1.530**
	MINIMUM			**0.012**	**0.001**	**0.004**	**0.54**	**0.001**	**0.275**	**0.290**	**0.314**	**0.534**	**1.039**
	STD DEV (GEOM *)			**0.071**	**0.067<A**	**0.178**	**0.21**	**0.016**	**0.524**	**0.544**	**0.595**	**0.154**	**0.602**
	# SAMPLES (IN STATISTICS)			**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 22 1215		.3	1	398.0	4.0	394.0	620.0	2.30	22.500			7.2	
81 02 11 1200		.3	1	537.0	39.0		860.0	22.00	89.000		7.32	7.3	
81 03 25 1200		.3	1	261	4		465	2.00	19.00	199	8.17	7.90	
81 04 23 1130		.3	1	291		285	450	3.70	21.00	189	8.51	8.00	
81 05 27 1130		.3	1	311		305	440	1.90	21.00	190	8.31	7.80	
81 06 24 1210		.3	1	240		230	470	4.30	26.50	191	8.21	7.80	
81 07 22 1150		.3	1	277		270	415	1.15	21.00	181	8.24	7.70	
81 08 19 1230		.3	1	331	9.2		480	3.40	19.50	224	8.26	7.90	
81 09 29 1145		.3	1	287		280	470	3.60	19.00	216	8.24	7.90	
81 10 22 1200		.3	1	331		327	520	2.50	22.50	234	8.55	7.80	
81 11 24 1230		.3	1	295	1.9		518	1.62	19.50	226	8.29	7.50	1<T
81 12 15 1230		.3	1	346		342	550	1.88	22.00	254	8.38	7.50	
	MAXIMUM			**537.0**	**39.0**	**394.0**	**860.0**	**22.00**	**89.000**	**254**	**8.55**	**8.00**	**1**
	ARITH MEAN			**325**	**11**	**304**	**521**	**4.20**	**26.87**	**210**	**8.23**	**7.6**	**1<A**
	GEOM MEAN			**318**	**6**	**300**	**511**	**2.88**	**23.82**	**209**	**8.22**	**7.6**	
	MINIMUM			**240**	**1.9**	**230**	**415**	**1.15**	**19.00**	**181**	**7.32**	**7.2**	**1**
	STD DEV (GEOM *)			**78**	**15**	**50**	**120**	**5.69**	**19.67**	**24**	**0.32**	**0.2**	
	# SAMPLES (IN STATISTICS)			**12**	**5**	**8**	**12**	**12**	**12**	**10**	**11**	**12**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*FEUT*	*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 11 1200		.3	1		0.040<			
81 08 19 1230		.3	1	0.30		0.005	0.019	0.007
81 09 29 1145		.3	1		0.04 <	0.012	0.003<	0.002
81 10 22 1200		.3	1		0.07 <	0.004	0.006	0.004
81 11 24 1230		.3	1	0.10	0.03 <	0.018	0.005	0.011
81 12 15 1230		.3	1		0.03 <			
	MAXIMUM			**0.30**		**0.018**	**0.019**	**0.011**
	ARITH MEAN			**0.20**		**0.010**	**0.010**	**0.006**
	GEOM MEAN			**0.17**		**0.008**	**0.008**	**0.005**
	MINIMUM			**0.10**		**0.004**	**0.005**	**0.002**
	STD DEV (GEOM *)			**0.14**		**0.007**	**0.008**	**0.004**
	# SAMPLES (IN STATISTICS)			**2**		**4**	**3**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **LAKE COUCHICHING OUTLET**
SAMPLE POINT: **AT HIGHWAY NO.169 WASHAGO**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-026-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0632700.0 4955900.0 4** REGION: **03** DISTANCE: **62.280**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 22 1030		.3	1	32023	6	5.600	10<	140	4<	4	0.0	11.9	1.2
81 02 11 1015		.3	1	32067	6	4.490	10<	40	4<	4	0.0	11.9	0.2<
81 03 25 1000		.3	1	32119	8	8.300	10A	170	4<	4<	4.0	12.20	0.6
81 04 23 1010		.3	1	32167	8	9.910	10<	690	4<	4	6.8	11.00	0.2<T
81 05 27 1000		.3	1	32216	8	10.600	300A	4500	12	4	18.2	8.80	0.8
81 06 24 1420		.3	1	32271	8	10.600	30A	2400	10<	10<	15.3	8.60	0.8
81 07 22 1010		.3	1	32296	8	7.770	70A	7700	4	28	21.4	7.80	0.6
81 08 19 1100		.3	1	32347	8	7.270	80A	8200	20	4	21.3	8.40	0.6
81 09 29 1000		.3	1	32405	8	5.370	60A	1340	8	8	12.0	9.70	0.6
81 10 22 1030		.3	1	32444	8	4.490	70A	470	4<	8	7.3	9.30	0.0
81 11 24 1030		.3	1	32483	8	5.150	10<	40A	4<	4<	2.2	10.40	0.6
81 12 15 1115		.3	1	32530	8	5.600	10A	10<	4	4<	0.0	13.20	0.2<T
	MAXIMUM					**10.600**	**300**	**8200**	**20**	**28**	**21.4**	**13.20**	**1.2**
	ARITH MEAN					**7.096**	**79**	**2335**	**10**	**8**	**12.1**	**10.2**	**0.6<A**
	GEOM MEAN					**6.761**	**46**	**665**	**8**	**6**	**9.6**	**10.1**	**0.5<A**
	MINIMUM					**4.490**	**10**	**40**	**4**	**4**	**2.2**	**7.80**	**0.2**
	STD DEV (GEOM *)					**2.321**	**3***	**7***	**2***	**2***	**7.4**	**1.7**	**0.3<A**
	# SAMPLES (IN STATISTICS)					**12**	**8**	**11**	**5**	**8**	**9**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 22 1030		.3	1	0.012	0.007	0.042	0.390	0.001	0.014		0.057	0.348	0.405
81 02 11 1015		.3	1	0.011	0.003	0.040	0.400	0.002	0.023		0.065	0.360	0.425
81 03 25 1000		.3	1	0.066	0.048	0.010	0.42	0.001	0.010	0.010	0.021	0.410	0.431
81 04 23 1010		.3	1	0.018	0.001<W	0.030	0.36	0.002	0.010	0.010	0.042	0.330	0.372
81 05 27 1000		.3	1	0.014	0.001<T	0.054	0.43	0.004	0.005	0.010	0.063	0.376	0.439
81 06 24 1420		.3	1	0.015	0.001	0.004	0.43	0.004	0.065	0.070	0.073	0.426	0.499
81 07 22 1010		.3	1	0.015	0.001<T	0.056	0.45	0.001	0.005<T	0.005	0.062	0.394	0.456
81 08 19 1100		.3	1	0.015	0.006	0.048	0.42	0.001<T	0.005<T	0.005<T	0.054	0.372	0.426
81 09 29 1000		.3	1	0.022	0.001	0.024	0.40	0.001	0.010	0.010	0.035	0.376	0.411
81 10 22 1030		.3	1	0.022	0.001<T	0.024	0.40	0.001<T	0.005<T	0.005<T	0.030	0.376	0.406
81 11 24 1030		.3	1	0.021	0.006	0.016	0.36	0.001<T	0.005<T	0.005<T	0.022	0.344	0.366
81 12 15 1115		.3	1	0.011	0.003	0.040	0.39	0.001<T	0.015	0.015	0.056	0.350	0.406
	MAXIMUM			**0.066**	**0.048**	**0.056**	**0.45**	**0.004**	**0.065**	**0.070**	**0.073**	**0.426**	**0.499**
	ARITH MEAN			**0.020**	**0.007<A**	**0.032**	**0.40**	**0.002<A**	**0.014<A**	**0.014<A**	**0.053**	**0.374**	**0.427**
	GEOM MEAN			**0.018**	**0.003<A**	**0.026**	**0.40**	**0.001<A**	**0.010<A**	**0.010<A**	**0.050**	**0.373**	**0.428**
	MINIMUM			**0.011**	**0.001**	**0.004**	**0.36**	**0.001**	**0.005**	**0.005**	**0.021**	**0.330**	**0.372**
	STD DEV (GEOM *)			**0.015**	**0.013<A**	**0.017**	**0.02**	**0.001<A**	**0.017<A**	**0.020<A**	**0.017**	**0.031**	**0.036**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**10**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 22 1030		.3	1	230.0	2.0	228.000	350.0	1.20	18.500			7.9	1.000<
81 02 11 1015		.3	1	238.0	7.0		355.0	0.68	18.500		8.08	7.8	1.000<
81 03 25 1000		.3	1	223	2		340	1.40	18.50	128	8.19	7.80	1 <T
81 04 23 1010		.3	1	217	6		325	1.00	18.00	119	8.26	7.90	1 <T
81 05 27 1000		.3	1	213	5		320	1.70	18.00	119	8.34	7.80	
81 06 24 1420		.3	1	205	3		310	2.00	17.50	114	8.29	7.80	1 <T
81 07 22 1010		.3	1	199	4		299	0.83	18.50	108	8.23	7.60	1 <T
81 08 19 1100		.3	1	185	2.9		280	0.98	17.00	101	8.37	7.90	1 <T
81 09 29 1000		.3	1	190	2.6		290	0.72	17.50	106	8.21	7.70	1 <T
81 10 22 1030		.3	1	212	4.0		320	1.59	17.50	112	8.36	7.70	1 <T
81 11 24 1030		.3	1	206	1.0		315	1.12	17.50	116	8.18	7.60	1 <T
81 12 15 1115		3	1	208	0.4		320	1.32	18.50	118	8.25	7.70	1 <T
	MAXIMUM			**238.0**	**7.0**	**228.000**	**355.0**	**2.00**	**18.500**	**128**	**8.37**	**7.90**	**1**
	ARITH MEAN			**210**	**3**	**228.000**	**318**	**1.21**	**17.95**	**114**	**8.25**	**7.7**	**1 <A**
	GEOM MEAN			**210**	**2**		**317**	**1.15**	**17.95**	**114**	**8.25**	**7.7**	**1 <A**
	MINIMUM			**185**	**0.4**	**228.000**	**280**	**0.68**	**17.00**	**101**	**8.08**	**7.60**	**1**
	STD DEV (GEOM *)			**15**	**2**		**22**	**0.41**	**0.54**	**8**	**0.09**	**0.1**	**0 <A**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**1**	**12**	**12**	**12**	**10**	**11**	**12**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*FEUT*	*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 11 1015		.3	1		0.040<			
81 08 19 1100		.3	1	0.05		0.005	0.007	0.003
81 09 29 1000		.3	1	0.03	0.04 <	0.006	0.004	0.008
81 10 22 1030		.3	1	0.04	0.07 <	0.014	0.006	0.014
81 11 24 1030		.3	1	0.02	0.03 <	0.014	0.005	0.007
81 12 15 1115		.3	1		0.03 <			
	MAXIMUM			**0.05**		**0.014**	**0.007**	**0.014**
	ARITH MEAN			**0.03**		**0.010**	**0.005**	**0.008**
	GEOM MEAN			**0.03**		**0.009**	**0.005**	**0.007**
	MINIMUM			**0.02**		**0.005**	**0.004**	**0.003**
	STD DEV (GEOM *)			**0.01**		**0.005**	**0.001**	**0.005**
	# SAMPLES (IN STATISTICS)			**4**		**4**	**4**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **PEFFERLAW BROOK**
SAMPLE POINT: **AT HIGHWAY 48**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-027-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M.: **17 0642100.0 4909900.0 4** REGION: **03** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1245		.3	1	32026	4	200	2400	4	16	0 0	9.6	1.0	0.290
81 03 25 1220		.3	1	32123	8	50A	0	10<	10<	5 2	10.40	0.8	0.030
81 04 23 1200		.3	1	32171	8	130	3000>	12	40	7 9	8.80	0.6	0.211
81 05 27 1200		.3	1	32220	8	170A	3800	32	4	19 9	9.10	1.4	0.060
81 06 24 1145		.3	1	32267	8	230A	8000	100	40A	15 3	7.70	1.8	0.033
81 07 22 1220		.3	1	32300	8	250A	11000	36	64	21 0	7.90	1.8	0.070
81 08 19 1300		.3	1	32351	8	280A	10000	16	8	20 0	7.80	1.8	0.078
81 09 29 1215		.3	1	32409	8	210A	5000	8	10A	12 4	9.60	1.2	0.110
81 10 22 1230		.3	1	32448	8	260A	6200	8	72	6 9	8.80	0.6	0.037
81 11 24 1300		.3	1	32487	8	420	2580	8	32	2.0	11.10	0.6	0.022
MAXIMUM						**420**	**11000**	**100**	**72**	**21.0**	**11.10**	**1.8**	**0.290**
ARITH MEAN						**220**	**6122**	**25**	**32**	**12.3**	**9.0**	**1.2**	**0.094**
GEOM MEAN						**196**	**5320**	**15**	**22**	**9.9**	**9.0**	**1.1**	**0.067**
MINIMUM						**50**	**2400**	**4**	**4**	**2.0**	**7.70**	**0.6**	**0.022**
STD DEV (GEOM *)						**2***	**2***	**3***	**3***	**7.1**	**1.1**	**0.5**	**0.089**
# SAMPLES (IN STATISTICS)						**10**	**8**	**9**	**9**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1245		.3	1	0.180	0.130	0.490	0.013	0.902		1.045	0.360	1.405	325.0
81 03 25 1220		.3	1	0.001	0.016	0.53	0.005	0.795	0.800	0.816	0.514	1.330	272
81 04 23 1200		.3	1	0.220	0.064	0.56	0.008	0.265	0.275	0.337	0.496	0.833	290
81 05 27 1200		.3	1	0.014	0.134	0.68	0.005	0.130	0.135	0.269	0.546	0.815	306
81 06 24 1145		.3	1	0.014	0.004	0.60	0.001	0.330	0.330	0.335	0.596	0.931	272
81 07 22 1220		.3	1	0.027	0.006	0.70	0.040	0.190	0.230	0.236	0.694	0.930	271
81 08 19 1300		.3	1	0.040	0.108	0.62	0.001<T	0.085	0.085	0.194	0.512	0.706	286
81 09 29 1215		.3	1	0.003	0.026	0.65	0.013	0.280	0.295	0.319	0.624	0.943	263
81 10 22 1230		.3	1	0.037	0.046	0.47	0.005	0.115	0.120	0.166	0.424	0.590	292
81 11 24 1300		.3	1	0.004	0.018	0.48	0.003	0.360	0.365	0.381	0.462	0.843	299
MAXIMUM				**0.220**	**0.134**	**0.70**	**0.040**	**0.902**	**0.800**	**1.045**	**0.694**	**1.405**	**325.0**
ARITH MEAN				**0.054**	**0.055**	**0.57**	**0.009<A**	**0.345**	**0.293**	**0.410**	**0.523**	**0.933**	**287**
GEOM MEAN				**0.018**	**0.032**	**0.57**	**0.005<A**	**0.262**	**0.238**	**0.345**	**0.514**	**0.904**	**287**
MINIMUM				**0.001**	**0.004**	**0.47**	**0.001**	**0.085**	**0.085**	**0.166**	**0.360**	**0.590**	**263**
STD DEV (GEOM *)				**0.079**	**0.051**	**0.08**	**0.012<A**	**0.282**	**0.214**	**0.288**	**0.098**	**0.254**	**19**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**9**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1245		.3	1	5.0	320.0	500.0	2.20	15.500			7.4	1.000<	
81 03 25 1220		.3	1	8		460	3.40	15.00	200	8.10	7.90	1 <T	
81 04 23 1200		.3	1	10		435	3.30	15.00	190	8.51	7.90	1 <T	
81 05 27 1200		.3	1	11		430	2.50	14.00	190	8.35	7.90		
81 06 24 1145		.3	1	10		420	0.90	12.50	186	8.08	7.80	1 <T	
81 07 22 1220		.3	1	11		400	1.75	13.50	187	8.11	7.90	1 <T	
81 08 19 1300		.3	1	7.4		430	2.50	11.00	205	8.05	7.80	1 <T	0.27
81 09 29 1215		.3	1	7.5		450	4.40	13.50	211	8.25	7.90	1 <T	0.28
81 10 22 1230		.3	1	5.0		450	1.16	13.00	215	8.36	7.70	1 <T	0.15
81 11 24 1300		.3	1	3.3		455	1.43	14.50	208	8.21	7.60	1 <T	0.16
MAXIMUM				**11**	**320.0**	**500.0**	**4.40**	**15.500**	**215**	**8.51**	**7.90**	**1**	**0.28**
ARITH MEAN				**7**	**320.0**	**443**	**2.35**	**13.75**	**199**	**8.22**	**7.7**	**1 <A**	**0.21**
GEOM MEAN				**7**		**442**	**2.11**	**13.68**	**199**	**8.22**	**7.7**	**1 <A**	**0.21**
MINIMUM				**3.3**	**320.0**	**400**	**0.90**	**11.00**	**186**	**8.05**	**7.4**	**1**	**0.15**
STD DEV (GEOM *)				**2**		**27**	**1.11**	**1.35**	**11**	**0.16**	**0.1**	**0 <A**	**0.07**
# SAMPLES (IN STATISTICS)				**10**	**1**	**10**	**10**	**10**	**9**	**9**	**10**	**8**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 19 1300		.3	1		0.005	0.003<	0.003
81 09 29 1215		.3	1	0.04<	0.020	0.003<	0.003
81 10 22 1230		.3	1	0.07<	0.016	0.006	0.016
81 11 24 1300		.3	1	0.03<	0.046	0.009	0.012
MAXIMUM					**0.046**	**0.009**	**0.016**
ARITH MEAN					**0.022**	**0.007**	**0.008**
GEOM MEAN					**0.016**	**0.007**	**0.006**
MINIMUM					**0.005**	**0.006**	**0.003**
STD DEV (GEOM *)					0.017	0.002	0.007
# SAMPLES (IN STATISTICS)					4	2	4

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **LOVERS CREEK**
SAMPLE POINT: **TOLLENDALE ROAD NEAR MINET BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-028-02**
STORET CODE: **02 002 2720**

LAT. LONG. U.T.M. **17 0607400.0 4913800.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 29 1430		.3	1	32038	4	2500	2400	80I	600	0.0	14.2	1.3	0.025
81 02 12 1320		.3	1	32075	4	2600C	36000	30I	80I	0.0	11.9	1.2	0.028
81 03 26 1500		.3	1	32135	8	900A	30000>	20A	20<	5.2	10.20	0.4	0.020
81 04 24 1200		.3	1	32180	8	140A	4200	10<	20A	6.1	10.40	0.4	0.012
81 05 28 1100		.3	1	32226	8	700A	14000	110	140	14.9	8.30	0.8	0.014
81 06 25 1030		.3	1	32275	8	500A	39000	130	60A	14.0	9.00	0.2	0.023
81 07 23 1215		.3	1	32309	8	400A	10500	50A	100	18.9	9.40	0.4	0.015
81 08 13 1030		.3	1	32326	8	1700	25000	70A	80A	18.7	9.60	0.6	0.015
81 10 01 1045		.3	1	32414	8	360	3000	10<	100	7.5	8.90	2.4	0.024
81 10 20 1400		.3	1	32429	8	5100A	31000	30A	320	7.1	13.00	0.0	0.038
81 11 25 1045		.3	1	32492	8	260	4600	30A	10A	1.0	12.20	0.2<T	0.010
81 12 21 1030		.3	1	31648	4	280	1560	4	4	0.0	13.00	0.2<T	0.011
MAXIMUM						**5100**	**39000**	**130**	**600**	**18.9**	**14.2**	**2.4**	**0.038**
ARITH MEAN						**1287**	**15569**	**55**	**138**	**10.4**	**10.8**	**0.7<A**	**0.020**
GEOM MEAN						**738**	**9083**	**39**	**65**	**7.9**	**10.6**	**0.5<A**	**0.018**
MINIMUM						**140**	**1560**	**4**	**4**	**1.0**	**8.30**	**0.2**	**0.010**
STD DEV (GEOM *)						**3***	**3***	**3***	**4***	**6.4**	**1.9**	**0.7<A**	**0.008**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**11**	**9**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 29 1430		.3	1	0.005	0.036	0.580	0.024	1.530		1.590	0.544	2.134	378.0
81 02 12 1320		.3	1	0.007	0.040	0.580	0.013	0.088		0.141	0.540	0.681	363.0
81 03 26 1500		.3	1	0.002	0.010	0.42			1.150		0.410	1.570	286
81 04 24 1200		.3	1	0.014	0.044	0.49	0.098	1.130	1.230	1.272	0.446	1.718	318
81 05 28 1100		.3	1	0.002	0.010	0.46	0.035	1.220	1.250	1.265	0.450	1.715	316
81 06 25 1030		.3	1	0.008	0.004	0.54	0.001	1.350	1.350	1.355	0.536	1.891	308
81 07 23 1215		.3	1	0.000	0.002	0.46	0.041	1.260	1.300	1.303	0.458	1.761	281
81 08 13 1030		.3	1	0.002	0.012	0.50	0.027	1.070	1.100	1.109	0.488	1.597	293
81 10 01 1045		.3	1	0.002	0.014	0.53	0.005	1.290	1.300	1.309	0.516	1.825	307
81 10 20 1400		.3	1	0.007	0.012	0.40	0.001	0.680	0.680	0.693	0.388	1.081	347
81 11 25 1045		.3	1	0.004	0.014	0.55	0.004	1.300	1.300	1.318	0.536	1.854	332
81 12 21 1030		.3	1	0.002	0.002	0.39	0.024	2.480	2.500	2.506	0.388	2.894	364
MAXIMUM				**0.014**	**0.044**	**0.580**	**0.098**	**2.480**	**2.500**	**2.506**	**0.544**	**2.894**	**378.0**
ARITH MEAN				**0.005**	**0.017**	**0.49**	**0.025**	**1.218**	**1.316**	**1.260**	**0.475**	**1.727**	**324**
GEOM MEAN				**0.004**	**0.011**	**0.48**	**0.012**	**0.996**	**1.256**	**1.071**	**0.471**	**1.640**	**323**
MINIMUM				**0.002**	**0.002**	**0.39**	**0.001**	**0.088**	**0.680**	**0.141**	**0.388**	**0.681**	**281**
STD DEV (GEOM *)				**0.004**	**0.015**	**0.06**	**0.028**	**0.576**	**0.459**	**0.572**	**0.060**	**0.534**	**32**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 29 1430		.3	1	29.0		560.0	4.70	30.000		7.88	7.7		
81 02 12 1320		.3	1	14.0		540.0	2.80	42.000		7.71	7.8		
81 03 26 1500		.3	1		278	475	4.00	24.50	198	8.23	8.00		
81 04 24 1200		.3	1	2		475	1.60	24.00	207	8.37	8.00		
81 05 28 1100		.3	1	4		510	1.10	26.50	215	8.49	8.00		
81 06 25 1030		.3	1	5		490	1.00	23.50	216	8.44	8.10		
81 07 23 1215		.3	1	4		470	1.28	25.50	199	8.57	8.10		
81 08 13 1030		.3	1	2.6		500	1.15	23.00	219	8.40	8.10		0.07
81 10 01 1045		.3	1	2.6		520	0.66	23.50	212	8.28	7.90	1<T	0.07
81 10 20 1400		.3	1	5.0		520	0.78	24.50	226	8.48	8.00	1<T	0.15
81 11 25 1045		.3	1	1.4		520	1.58	27.50	225	8.35	7.70	1<T	0.15
81 12 21 1030		.3	1	7.9		550	2.70	27.50	235	8.49	7.65	1<T	0.14
MAXIMUM				**29.0**	**278**	**560.0**	**4.70**	**42.000**	**235**	**8.57**	**8.10**	**1**	**0.15**
ARITH MEAN				**7**	**278**	**510**	**1.95**	**26.83**	**215**	**8.31**	**7.9**	**1<A**	**0.12**
GEOM MEAN				**4**		**510**	**1.61**	**26.46**	**215**	**8.30**	**7.9**	**1<A**	**0.11**
MINIMUM				**1.4**	**278**	**470**	**0.66**	**23.00**	**198**	**7.71**	**7.65**	**1**	**0.07**
STD DEV (GEOM *)				**8**		**29**	**1.32**	**5.21**	**12**	**0.26**	**0.1**	**0<A**	**0.04**
# SAMPLES (IN STATISTICS)				**11**	**1**	**12**	**12**	**12**	**10**	**12**	**12**	**4**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 13 1030		.3	1		0.014	0.003<	0.007
81 10 01 1045		.3	1	0.06<	0.013	0.007	0.003
81 10 20 1400		.3	1	0.04<	0.016	0.004	0.001
81 11 25 1045		.3	1	0.03<	0.010	0.009	0.014
81 12 21 1030		.3	1	0.04<	0.007	0.006	0.007
MAXIMUM					**0.016**	**0.009**	**0.014**
ARITH MEAN					**0.012**	**0.006**	**0.006**
GEOM MEAN					**0.012**	**0.006**	**0.005**
MINIMUM					**0.007**	**0.004**	**0.001**
STD DEV (GEOM *)					**0.004**	**0.002**	**0.005**
# SAMPLES (IN STATISTICS)					**5**	**4**	**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **SCHOMBERGE RIVER**
SAMPLE POINT: **HIGHWAY NO.27 NORTH OF SCHOMBERG**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-029-02**
STORET CODE: **02 002 2720**

LAT: LONG: U.T.M: **17 0605000.0 4874075.0 4** REGION: **03** DISTANCE: **152.240**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 29 1545		.3	1	32039	4	0.065	9300	18000	1140	450	0.0	10.8	0.5
81 03 26 1000		.3	1	32128	8	0.230	9300	7000	10<	10<	4.1	11.60	0.6
81 04 24 1110		.3	1	32179	8	0.213	4400	6800	70A	30A	6.4	10.30	0.8
81 05 28 0945		.3	1	32225	8	0.114	108000	150000	1500>	690	15.0	5.60	1.8
81 06 25 0915		.3	1	32274	8	0.107	1000<	5000A	2700	1020	16.0	5.20	1.8
81 07 23 0930		.3	1	32305	5	0.031		3000>	1700	900A	16.0	5.20	1.4
81 08 13 0915		.3	1	32325	8	0.120	12400A	33000	1360	1120	19.1	4.80	1.6
81 10 01 0920		.3	1	32413	8 9	0.073	31000	51000	1500>	420	8.0	6.00	1.2
81 10 20 1500		.3	1	32430	8	0.215	4600	16000	80A	170	8.0	12.00	0.4
81 11 25 0930		.3	1	32491	8	0.343	2600	7200	490	40A	0.5	10.80	0.6
81 12 21 1308		.3	1	31649	4	0.112	4100A	31000	900	80A	0.0	11.80	2.0
MAXIMUM						**0.343**	**108000**	**150000**	**2700**	**1120**	**19.1**	**12.00**	**2.0**
ARITH MEAN						**0.148**	**20633**	**32500**	**1055**	**492**	**10.3**	**8.5**	**1.2**
GEOM MEAN						**0.122**	**9720**	**18142**	**603**	**272**	**7.3**	**8.0**	**1.0**
MINIMUM						**0.031**	**2600**	**5000**	**70**	**30**	**0.5**	**4.80**	**0.4**
STD DEV (GEOM *)						**0.092**	**3***	**3***	**4***	**4***	**6.4**	**3.1**	**0.6**
# SAMPLES (IN STATISTICS)						**11**	**9**	**10**	**8**	**10**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 29 1545		.3	1	0.062	0.027	0.246	0.710	0.031	1.120		1.397	0.464	1.861
81 03 26 1000		.3	1	0.033	0.010	0.036	0.45	0.009	1.190	1.200	1.235	0.414	1.649
81 04 24 1110		.3	1	0.056	0.014	0.034	0.62	0.002	1.26	1.260	1.296	0.586	1.882
81 05 28 0945		.3	1	0.116	0.030	0.004	0.92	0.010	1.490	1.500	1.504	0.916	2.420
81 06 25 0915		.3	1	0.160	0.045	0.006	1.05	0.001	1.900	1.900	1.907	1.044	2.951
81 07 23 0930		.3	1	0.152	0.060	0.004	0.80	0.004	0.610	0.615	0.618	0.796	1.414
81 08 13 0915		.3	1	0.135	0.054	0.004	0.80	0.003	0.445	0.450	0.452	0.796	1.248
81 10 01 0920		.3	1	0.091	0.056	0.002<T	0.64	0.003	0.325	0.330	0.330	0.638	0.968
81 10 20 1500		.3	1	0.208	0.063	0.038	0.70	0.093	0.630	0.725	0.761	0.662	1.423
81 11 25 0930		.3	1	0.056	0.057	0.248	0.64	0.079	2.870	2.950	3.197	0.392	3.589
81 12 21 1308		.3	1	0.078	0.013	0.002	0.48	0.001	2.250	2.250	2.253	0.478	2.731
MAXIMUM				**0.208**	**0.063**	**0.248**	**1.05**	**0.093**	**2.870**	**2.950**	**3.197**	**1.044**	**3.589**
ARITH MEAN				**0.104**	**0.039**	**0.057<A**	**0.71**	**0.021**	**1.28**	**1.318**	**1.359**	**0.653**	**2.012**
GEOM MEAN				**0.091**	**0.033**	**0.014<A**	**0.69**	**0.007**	**1.05**	**1.066**	**1.113**	**0.622**	**1.871**
MINIMUM				**0.033**	**0.010**	**0.002**	**0.45**	**0.001**	**0.325**	**0.330**	**0.330**	**0.392**	**0.968**
STD DEV (GEOM *)				**0.054**	**0.021**	**0.095<A**	**0.17**	**0.033**	**0.80**	**0.850**	**0.855**	**0.214**	**0.813**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 01 29 1545		.3	1	460.0	8.0	452.0	720.0		33.500		8.03	7.5	
81 03 26 1000		.3	1	362		354	600	6.00	23.50	257	8.08	7.60	
81 04 24 1110		.3	1	413		399	620	6.30	29.50		8.11	7.70	
81 05 28 0945		.3	1	434		403	620	9.50	27.50	271	7.93	7.20	
81 06 25 0915		.3	1	436		388	600	5.00	27.00	265	7.72	7.30	
81 07 23 0930		.3	1	361		332	540	20.00	22.50	250	7.79	7.30	
81 08 13 0915		.3	1	387		354	560	3.20	23.50	255	8.20	7.30	0.100
81 10 01 0920		.3	1	399		385	620	13.10	29.00	291	8.22	7.40	0.010
81 10 20 1500		.3	1	338		332	660	5.70	33.50	298	8.24	7.70	0.017
81 11 25 0930		.3	1	477		462	710	17.40	32.50	323	8.16	7.40	0.005
81 12 21 1308		.3	1	456		414	720	13.60	29.50	277	8.15	7.60	0.008
MAXIMUM				**477**	**8.0**	**462**	**720.0**	**20.00**	**33.500**	**323**	**8.24**	**7.70**	**0.100**
ARITH MEAN				**411**	**8.0**	**388**	**633**	**9.98**	**28.31**	**276**	**8.06**	**7.4**	**0.028**
GEOM MEAN				**408**		**386**	**630**	**8.53**	**28.06**	**275**	**8.06**	**7.4**	**0.015**
MINIMUM				**338**	**8.0**	**332**	**540**	**3.20**	**22.50**	**250**	**7.72**	**7.20**	**0.005**
STD DEV (GEOM *)				**45**		**43**	**62**	**5.74**	**3.96**	**24**	**0.17**	**0.1**	**0.040**
# SAMPLES (IN STATISTICS)				**11**	**1**	**11**	**11**	**10**	**11**	**9**	**11**	**11**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 08 13 0915		.3	1	0.003<	0.025
81 10 01 0920		.3	1	0.010	0.009
81 10 20 1500		.3	1	0.004	0.002
81 11 25 0930		.3	1	0.003<	0.009
81 12 21 1308		.3	1	0.009	0.016
MAXIMUM				**0.010**	**0.025**
ARITH MEAN				**0.008**	**0.012**
GEOM MEAN				**0.007**	**0.009**
MINIMUM				**0.004**	**0.002**
STD DEV (GEOM *)				**0.003**	**0.009**
# SAMPLES (IN STATISTICS)				**3**	**5**

B.O.W./ SITE: **HOLLAND RIVER**
SAMPLE POINT: **AT YORK REGIONAL ROAD NO 32**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-030-02**
STORET CODE: **02 002 2720**

LAT LONG U T M: **17 0618450.0 4892850.0 4** REGION: **03** DISTANCE: **122.790**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 07 1145		.3	1	38007	4					1.0	6.0	0.7	0.255
81 02 02 1130		.3	1	38020	4	2200	7700	550	1500>	1.0	6.5	1.5	0.240
81 03 11 1300		.3	1	38033	4	61000C	370000	30I	10I	1.0	6.3	1.7	0.298
81 04 09 1215		.3	1	38046	6	200I	2100	10<	10<	11.0	9.7	3.2	0.406
81 05 14 1245		.3	1	38059	8	2900	14000	210	40A	12.5	8.60	3.4	0.132
81 06 15		.3	1	38072	8	1600A	72000	40A	370	25.5	10.40	4.4	0.192
81 07 02 1105		.3	1	38085	8	200A	45000	10<	120	23.0	9.60	7.2	0.270
81 08 18 1210		.3	1	38098	8	22000	230000	930	1500>	20.5	10.20	3.8	0.295
81 09 03 1240		.3	1	38111	8	14000A	315000	80A	1320	22.0	6.00	5.4	0.644
81 10 14 1215		.3	1	38124	8	100<	16100	10<	30A	11.0	12.00		0.250
81 11 05 1210		.3	1	38137	8	2700	7100	50A	1090	9.5	10.40	8.0U	0.165
81 12 03 1210		.3	1	38150	8	12800A	110000	40A	100	2.0	4.00	1.4	0.118
MAXIMUM						**61000**	**370000**	**930**	**1320**	**25.5**	**12.00**	**8.0**	**0.644**
ARITH MEAN						**11960**	**108091**	**241**	**385**	**11.7**	**8.3**	**3.7**	**0.272**
GEOM MEAN						**3486**	**38123**	**109**	**129**	**6.7**	**7.9**	**2.9**	**0.245**
MINIMUM						**200**	**2100**	**30**	**10**	**1.0**	**4.00**	**0.7**	**0.118**
STD DEV (GEOM *)						**7***	**6***	**4***	**6***	**9.3**	**2.4**	**2.4**	**0.142**
# SAMPLES (IN STATISTICS)						**10**	**11**	**8**	**8**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 07 1145		.3	1	0.240	2.200	2.850	0.065	2.140		4.405	0.650	5.055	588.0
81 02 02 1130		.3	1	0.170	2.860	3.420	0.047	1.000		3.907	0.560	4.467	536.0
81 03 11 1300		.3	1	0.220	0.630	2.130	0.054	1.200		1.884	1.500	3.384	465.0
81 04 09 1215		.3	1	0.003	0.180	1.780	0.033	0.970		1.183	1.600	2.783	456.0
81 05 14 1245		.3	1	0.060	0.140	1.15	0.005	0.745	0.750	0.890	1.010	1.900	353
81 06 15		.3	1	0.067	0.002<T	2.00	0.002	0.810	0.810	0.814	1.998	2.812	492
81 07 02 1105		.3	1	0.090	0.010	2.35	0.002	0.663	0.665	0.675	2.340	3.015	454
81 08 18 1210		.3	1		0.370	1.95	0.023	0.450	0.475	0.843	1.580	2.423	375
81 09 03 1240		.3	1	0.350	0.010	1.75	0.011	1.290	1.300	1.311	1.740	3.051	398
81 10 14 1215		.3	1	0.005	0.036	1.98	0.005	0.115	0.120	0.156	1.944	2.100	459
81 11 05 1210		.3	1	0.070	0.006	1.25	0.002	1.950	1.950	1.958	1.244	3.202	379
81 12 03 1210		.3	1	0.076	0.082	1.05	0.004	3.300	3.300	3.386	0.968	4.354	434
MAXIMUM				**0.350**	**2.860**	**3.420**	**0.065**	**3.300**	**3.300**	**4.405**	**2.340**	**5.055**	**588.0**
ARITH MEAN				**0.123**	**0.544<A**	**1.97**	**0.021**	**1.219**	**1.171**	**1.784**	**1.428**	**3.212**	**449**
GEOM MEAN				**0.065**	**0.084<A**	**1.86**	**0.010**	**0.932**	**0.814**	**1.291**	**1.314**	**3.084**	**444**
MINIMUM				**0.003**	**0.002**	**1.05**	**0.002**	**0.115**	**0.120**	**0.156**	**0.560**	**1.900**	**353**
STD DEV (GEOM *)				**0.109**	**0.957<A**	**0.68**	**0.023**	**0.871**	**1.022**	**1.384**	**0.552**	**0.967**	**68**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 07 1145		.3	1	2.0	586.0	920.0		75.500		7.56	7.5		
81 02 02 1130		.3	1	4.0	532.0	880.0		75.000		7.42	8.2		
81 03 11 1300		.3	1	17.0	448.0	680.0		60.000		7.53	7.4		
81 04 09 1215		.3	1	51.0	405.0	640.0		65.000		8.22	9.2		
81 05 14 1245		.3	1		334	600	8.50		212	8.24	8.10		
81 06 15		.3	1		462	720	9.50	83.00	224	8.41	7.90		
81 07 02 1105		.3	1		422	720	3.70	88.00	207	7.84	8.40		
81 08 18 1210		.3	1		349	580	7.10	68.00	183	8.04	7.60		
81 09 03 1240		.3	1	19.9		620	4.40	68.00	192	7.74	7.30	1<T	0.36
81 10 14 1215		.3	1	39.0		680	12.90	63.00	215	8.28	7.70		
81 11 05 1210		.3	1	43.0		740	4.80	64.00	274	7.93	5.00	1<T	0.92
81 12 03 1210		.3	1	8.9		720	9.10	55.00	261	8.12	6.10	1<T	0.44
MAXIMUM				**51.0**	**586.0**	**920.0**	**12.90**	**88.00**	**274**	**8.41**	**9.2**	**1**	**0.92**
ARITH MEAN				**23.1**	**442**	**708**	**7.50**	**69.50**	**221**	**7.94**	**7.5**	**1<A**	**0.57**
GEOM MEAN				**14.6**	**435**	**701**	**6.92**	**68.87**	**219**	**7.94**	**7.4**	**1<A**	**0.53**
MINIMUM				**2.0**	**334**	**580**	**3.70**	**55.00**	**183**	**7.42**	**5.00**	**1**	**0.36**
STD DEV (GEOM *)				**18.8**	**85**	**103**	**3.12**	**9.94**	**32**	**0.33**	**1.0**	**0<A**	**0.30**
# SAMPLES (IN STATISTICS)				**8**	**8**	**12**	**8**	**11**	**8**	**12**	**12**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*HARDT*	*CAUR*	*MGUR*	*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 01 07 1145		3	1				0.040<			
81 02 02 1130		3	1				0.060<			
81 03 11 1300		3	1				0.040<			
81 06 15		3	1				0.06			
81 09 03 1240		3	1	194	55.8	13.40		0.003	0.003<	0.006
81 10 14 1215		3	1	187	56.0	11.50				
81 11 05 1210		3	1	318	100.0	16.50		0.006	0.004	0.005
81 12 03 1210		3	1	307	99.0	14.50		0.005	0.003<	0.008
MAXIMUM				**318**	**100.0**	**16.50**	**0.06**	**0.006**	**0.004**	**0.008**
ARITH MEAN				**251**	**77.7**	**13.97**	**0.06**	**0.005**	**0.004**	**0.006**
GEOM MEAN				**244**	**74.6**	**13.86**		**0.004**		**0.006**
MINIMUM				**187**	**55.8**	**11.50**	**0.06**	**0.003**	**0.004**	**0.005**
STD DEV (GEOM *)				**71**	**25.2**	**2.09**		**0.002**		**0.002**
# SAMPLES (IN STATISTICS)				**4**	**4**	**4**	**1**	**3**	**1**	**3**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **AT HIGHWAY NO 169**
STATION TYPE: **RIVER FLOW GAUGE FED 02EC002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-031-02**
STORET CODE: **02 002 2720**

LAT | LONG. | U T M: **17 0636150.0 4952400.0 4** | REGION: **03** | DISTANCE: **68.234**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 03 25 1015		3	1	32120	8	26.800	40A	720	10<	20A	3.8	11.20	0.8
81 04 23 1030		3	1	32168	8	29.000	60A	930	4<	4<	7.0	10.80	0.4
81 05 27 1015		3	1	32217	8	15.400	330A	5400	16	48	18.2	8.20	0.6
81 06 24 1350		3	1	32270	8	18.700	270A	6600	20A	70A	15.0	7.80	0.6
81 07 22 1030		3	1	32297	8	4.080	30A	6100	16	12	21.2	7.30	0.4
81 08 19 1120		3	1	32348	7	3.920	250A	12000	16	40	21.1	7.80	0.6
81 09 29 1030		3	1	32406	8	9.230	350	1800	28	16	12.0	9.50	0.2<T
81 10 22 1045		3	1	32445	8	14.100	350	1800	4	20	7.0	9.10	0.2
81 11 24 1100		3	1	32484	8	24.200	450	1600	8	8	1.1	10.50	0.4
81 12 15 1130		3	1	32531	8	13.400	120	330	4<	4<	0.0	12.60	1.0
MAXIMUM						**29.000**	**450**	**12000**	**28**	**70**	**21.2**	**12.60**	**1.0**
ARITH MEAN						**15.883**	**225**	**3728**	**15**	**29**	**11.8**	**9.48**	**0.5<A**
GEOM MEAN						**13.120**	**159**	**2226**	**13**	**23**	**8.7**	**9.34**	**0.5<A**
MINIMUM						**3.920**	**30**	**330**	**4**	**8**	**1.1**	**7.30**	**0.2**
STD DEV (GEOM *)						**8.848**	**3***	**3***	**2***	**2***	**7.5**	**1.75**	**0.3<A**
# SAMPLES (IN STATISTICS)						**10**	**10**	**10**	**7**	**8**	**9**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 03 25 1015		3	1	0.032	0.009	0.050	0.48	0.003	0.160	0.165	0.213	0.430	0.643
81 04 23 1030		3	1	0.018	0.002	0.034	0.34	0.002	0.110	0.110	0.146	0.306	0.452
81 05 27 1015		3	1	0.034	0.002	0.044	0.36	0.005	0.070	0.075	0.119	0.316	0.435
81 06 24 1350		3	1	0.035	0.008	0.006	0.55	0.001	0.180	0.180	0.187	0.544	0.731
81 07 22 1030		3	1	0.021	0.004	0.026	0.42	0.028	0.050	0.080	0.104	0.394	0.498
81 08 19 1120		3	1	0.022	0.006	0.022	0.35	0.003	0.065	0.070	0.090	0.328	0.418
81 09 29 1030		3	1	0.095	0.016	0.006	0.32	0.003	0.035	0.040	0.044	0.314	0.358
81 10 22 1045		3	1	0.027	0.005	0.018	0.33	0.002	0.025	0.025	0.045	0.312	0.357
81 11 24 1100		3	1	0.022	0.007	0.026	0.45	0.002	0.050	0.050	-0.078	0.424	0.502
81 12 15 1130		3	1	0.018	0.002	0.004	0.48	0.042	0.065	0.105	0.111	0.476	0.587
MAXIMUM				**0.095**	**0.016**	**0.050**	**0.55**	**0.042**	**0.180**	**0.180**	**0.213**	**0.544**	**0.731**
ARITH MEAN				**0.032**	**0.006**	**0.024**	**0.41**	**0.009**	**0.081**	**0.090**	**0.114**	**0.384**	**0.498**
GEOM MEAN				**0.028**	**0.005**	**0.018**	**0.40**	**0.004**	**0.068**	**0.077**	**0.101**	**0.377**	**0.485**
MINIMUM				**0.018**	**0.002**	**0.004**	**0.32**	**0.001**	**0.025**	**0.025**	**0.044**	**0.306**	**0.357**
STD DEV (GEOM *)				**0.023**	**0.004**	**0.016**	**0.08**	**0.014**	**0.052**	**0.051**	**0.056**	**0.083**	**0.123**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RST*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 03 25 1015		3	1	70	2	104	1.20	2.00	45	7.45	7.10	1<T	
81 04 23 1030		3	1	64	62	96	4.00	1.60	37	7.81	7.70		
81 05 27 1015		3	1	51	2	76	1.00	1.90	24	7.57	7.10		
81 06 24 1350		3	1	71	2	45	1.40	1.60	45	7.60	6.90	1<T	
81 07 22 1030		3	1	80	1	122	1.17	2.15	53	7.82	6.80		
81 08 19 1120		3	1	61	0.6	94	1.00	1.40	37	7.80	6.90	1<T	0.61
81 09 29 1030		3	1	34	1.2	50	1.57	0.85	16	7.22	6.80	1<T	0.43
81 10 22 1045		3	1	38	2.0	56	1.53	1.15	19	7.08	6.80	1<T	0.45
81 11 24 1100		3	1	57	0.6	86	1.22	1.70	37	7.14	6.90	1<T	0.40
81 12 15 1130		3	1	60	1.5	90	1.61	1.65	32	7.87	6.50		
MAXIMUM				**80**	**62**	**122**	**4.00**	**2.15**	**53**	**7.87**	**7.70**	**1**	**0.61**
ARITH MEAN				**59**	**7**	**82**	**1.57**	**1.60**	**34**	**7.54**	**6.95**	**1<A**	**0.47**
GEOM MEAN				**57**	**1**	**78**	**1.44**	**1.55**	**32**	**7.53**	**6.94**	**1<A**	**0.47**
MINIMUM				**34**	**0.6**	**45**	**1.00**	**0.85**	**16**	**7.08**	**6.50**	**1**	**0.40**
STD DEV (GEOM *)				**14**	**19**	**25**	**0.88**	**0.39**	**12**	**0.30**	**0.31**	**0<A**	**0.09**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**6**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*HGUT*	*CUUT*	*PBUT*	*ZNUT*
81 08 19 1120		3	1		0.003	0.003	0.004
81 09 29 1030		3	1	0.04<	0.009	0.003<	0.002
81 10 22 1045		3	1	0.07<	0.011	0.016	0.010
81 11 24 1100		3	1	0.03<	0.017	0.004	0.008
81 12 15 1130		3	1	0.03<			
MAXIMUM					**0.017**	**0.016**	**0.010**
ARITH MEAN					**0.010**	**0.008**	**0.006**
GEOM MEAN					**0.008**	**0.006**	**0.005**
MINIMUM					**0.003**	**0.003**	**0.002**
STD DEV (GEOM *)					**0.006**	**0.007**	**0.004**
# SAMPLES (IN STATISTICS)					**4**	**3**	**4**

B.O.W./ SITE: **UXBRIDGE BROOK**
SAMPLE POINT: **DOWNSTREAM OF BROOKDALE LAKE UXBRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SEVERN RIVER**

STATION ID: **03-0077-032-02**
STORET CODE: **02 002 2720**

LAT: LONG: U T M: **17 0652250.0 4884000.0 4** REGION: **03** DISTANCE: **140.000**

SAMP DTE YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1600		.3	1	32030	6	140	1400	4<	20	0.0	10.2	0.8	0.025
81 03 25 1445		.3	1	32127	8	20A	280	40A	10A	6.5	9.70	0.6	0.020
81 04 23 1410		.3	1	32175	8	10A	3000>	4<	4	7.0	9.20	0.4	0.018
81 05 27 1630		.3	1	32224	8	210A	3100	12	32	14.9	8.90	0.6	0.024
81 06 24 0945		.3	1	32263	8	250A	12000	10A	30A	12.0	8.40	0.8	0.025
81 07 22 1500		.3	1	32304	8	1030A	5100	128	60	16.9	8.30	0.4	0.019
81 08 19 1500		.3	1	32355	8	6000	14000	980	108	17.1	8.70	0.4	0.013
81 09 29 1500		.3	1	32412	8	330	1450	20<	24	10.5	10.20	0.2<T	0.022
81 10 22 1430		.3	1	32451	8	270A	3100	50A	10<	6.8	9.40	0.0	0.021
81 11 24 1515		.3	1	32490	8	60A	370	4<	4<	3.8	10.20	1.0	0.008
81 12 15 1430		.3	1	32536	8	50A	1250	4<	4<	4.0	11.80	0.4	0.009
MAXIMUM						**6000**	**14000**	**980**	**108**	**17.1**	**11.80**	**1.0**	**0.025**
ARITH MEAN						**761**	**4205**	**203**	**36**	**9.9**	**9.5**	**0.6<A**	**0.019**
GEOM MEAN						**165**	**2155**	**56**	**24**	**8.7**	**9.5**	**0.5<A**	**0.017**
MINIMUM						**10**	**280**	**10**	**4**	**3.8**	**8.30**	**0.2**	**0.008**
STD DEV (GEOM *)						**6***	**4***	**5***	**3***	5.1	**1.0**	**0.2<A**	**0.006**
# SAMPLES (IN STATISTICS)						11	10	6	8	10	11	10	11

SAMP DTE YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS.N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1600		.3	1	0.007	0.088	0.320	0.011	1.290		1.389	0.232	1.621	274.0
81 03 25 1445		.3	1		0.152	0.35	0.016	1.680	1.700	1.848	0.198	2.046	247
81 04 23 1410		.3	1	0.005	0.020	0.19	0.013	1.290	1.300	1.323	0.170	1.493	258
81 05 27 1630		.3	1	0.006	0.002<T	0.39	0.054	1.100	1.150	1.156	0.388	1.544	264
81 06 24 0945		.3	1	0.007	0.004	0.26	0.003	1.000	1.000	1.007	0.256	1.263	263
81 07 22 1500		.3	1			0.24							254
81 08 19 1500		.3	1	0.008	0.004	0.21	0.031	0.810	0.840	0.845	0.206	1.051	243
81 09 29 1500		.3	1	0.003	0.014	0.18	0.011	0.910	0.920	0.935	0.166	1.101	248
81 10 22 1430		.3	1	0.005	0.002	0.19	0.016	1.030	1.050	1.048	0.188	1.236	250
81 11 24 1515		.3	1	0.001	0.006	0.22	0.019	1.330	1.350	1.355	0.214	1.569	262
81 12 15 1430		.3	1	0.002	0.002	0.10	0.001<T	1.500	1.500	1.503	0.098	1.601	230
MAXIMUM				**0.008**	**0.152**	**0.39**	**0.054**	**1.680**	**1.700**	**1.848**	**0.388**	**2.046**	**274.0**
ARITH MEAN				**0.005**	**0.029<A**	**0.24**	**0.017<A**	**1.194**	**1.201**	**1.241**	**0.212**	**1.462**	**253**
GEOM MEAN				**0.004**	**0.009<A**	**0.22**	**0.011<A**	**1.166**	**1.172**	**1.209**	**0.200**	**1.426**	**253**
MINIMUM				**0.001**	**0.002**	**0.10**	**0.001**	**0.810**	**0.840**	**0.845**	**0.098**	**1.051**	**230**
STD DEV (GEOM *)				**0.002**	**0.050<A**	**0.08**	**0.015<A**	**0.272**	**0.284**	**0.303**	**0.075**	**0.297**	**12**
# SAMPLES (IN STATISTICS)				9	10	11	10	10	9	10	10 *	10	11

SAMP DTE YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1600		.3	1	24.0	250.0	410.0	3.50	6.200			7.6		
81 03 25 1445		.3	1		243	430	1.40	6.75	194	8.14	7.90		
81 04 23 1410		.3	1		254	390	8.60	5.95	177	8.29	8.00		
81 05 27 1630		.3	1		247	385	1.80	5.90	172	8.30	7.70		
81 06 24 0945		.3	1		260	400	0.86	5.60	186	8.15	7.70		
81 07 22 1500		.3	1		250	390	0.52	5.60	177	8.11	7.70		
81 08 19 1500		.3	1		241	370	0.67	5.35	176	8.19	7.60		
81 09 29 1500		.3	1		247	380	0.49	5.95	177	8.15	7.80		
81 10 22 1430		.3	1		247	380	0.73	5.90	182	8.33	7.60		
81 11 24 1515		.3	1		260	400	0.74	6.00	184	8.31	7.70		
81 12 15 1430		.3	1	3.0		410	2.00	6.30	178	8.37	7.80	1<T	0.08
MAXIMUM				**24.0**	**260**	**430**	**8.60**	**6.75**	**194**	**8.37**	**8.00**	**1**	**0.08**
ARITH MEAN				**13.5**	**249**	**395**	**1.94**	**5.95**	**180**	**8.23**	**7.7**	**1<A**	**0.08**
GEOM MEAN				**8.5**	**249**	**394**	**1.25**	**5.94**	**180**	**8.23**	**7.7**		
MINIMUM				**3.0**	**241**	**370**	**0.49**	**5.35**	**172**	**8.11**	**7.6**	**1**	**0.08**
STD DEV (GEOM *)				**14.8**	**6**	**17**	**2.39**	**0.37**	**6**	**0.10**	**0.1**		
# SAMPLES (IN STATISTICS)				**2**	**10**	**11**	**11**	**11**	**10**	**10**	**11**	**1**	**1**

SAMP DTE YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 19 1500		.3	1	0.001	0.003<	0.001<
81 09 29 1500		.3	1	0.004	0.004	0.004
81 10 22 1430		.3	1	0.015	0.008	0.002
81 11 24 1515		.3	1	0.005	0.005	0.008
MAXIMUM				**0.015**	**0.008**	**0.008**
ARITH MEAN				**0.006**	**0.006**	**0.005**
GEOM MEAN				**0.004**	**0.005**	**0.004**
MINIMUM				**0.001**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.006**	**0.002**	**0.003**
# SAMPLES (IN STATISTICS)				**4**	**3**	**3**

B.O.W. / SITE: **MUSQUASH RIVER**
SAMPLE POINT: **HWY 69 2.5 MILES N.OF HWY.69&660**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-001-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M.: **17 0595800.0 4986025.0 4** REGION: **03** DISTANCE: **18.668**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 15 0955		3	1	30389	6	82.900	4<	12	4<	4<	2.0	10.4	
81 02 17 0935		3	1	30309	6	91.000	10<	10	4<	4<	3.0	11.0	
81 03 10 0955		3	1	30317	3 6	93.700	20I	60	4<	4<	2.5	11.8	0.3
81 04 21 1410		3	1	30330	6	84.000	10A	460	4<	4<	6.0	11.60	0.2
81 05 20 1055		3	1	30335	6	91.500	10<	540	4<	4<	10.0	9.6	0.2<T
81 06 23 1320		3	1	30346	6	42.800	10<	3500	4<	4	19.0	8.60	0.2
81 07 28 1250		3	1	30354		5.340	230A	4100	16	12	22.0	7.60	0.4
81 08 18 0915		3	1	30444	6	5.350	150000>	150000>	2<	2<	20.0	7.60	0.2
81 08 25 1005		3	1	30357	6	5.490	1600	3600	4	12	21.0	6.60	0.8
81 09 15 1215		3	1	30370	3 6	113.000	10A	10300	4<	4<	19.0	7.80	0.6
81 10 07 1020		3	1	30374	6	97.200	110A	8300	4	4<	12.0	8.60	0.2<T
81 12 02 1345		3	1	30387	6	91.900	110	1400	4<	4	3.5	11.60	0.6
MAXIMUM						**113.000**	**1600**	**10300**	**16**	**12**	**22.0**	**11.8**	**0.8**
ARITH MEAN						**67.015**	**299**	**2935**	**8**	**8**	**11.7**	**9.4**	**0.4<A**
GEOM MEAN						**42.707**	**71**	**664**	**6**	**7**	**8.4**	**9.2**	**0.3<A**
MINIMUM						**5.340**	**10**	**10**	**4**	**4**	**2.0**	**6.60**	**0.2**
STD DEV (GEOM *)						**40.509**	**6***	**12***	**2***	**2***	**8.1**	**1.8**	**0.2<A**
# SAMPLES (IN STATISTICS)						**12**	**7**	**11**	**3**	**4**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 15 0955		3	1	0.006		0.018							
81 02 17 0935		3	1	0.009		0.006							
81 03 10 0955		3	1	0.008	0.001<	0.006	0.260	0.001	0.279		0.286	0.254	0.540
81 04 21 1410		3	1	0.006	0.001<W	0.012	0.20	0.002	0.275	0.275	0.289	0.188	0.477
81 05 20 1055		3	1	0.018	0.001	0.004	0.23	0.001<T	0.255	0.255	0.260	0.226	0.486
81 06 23 1320		3	1	0.006	0.002	0.044	0.23	0.002	0.225	0.225	0.271	0.186	0.457
81 07 28 1250		3	1	0.006	0.001<T	0.020	0.22	0.001<T	0.140	0.140	0.161	0.200	0.361
81 08 18 0915		3	1	0.008	0.001<T	0.018	0.24	0.001	0.135	0.135	0.154	0.222	0.376
81 08 25 1005		3	1	0.007	0.002	0.024	0.18	0.002	0.105	0.105	0.131	0.156	0.287
81 09 15 1215		3	1	0.232	0.215	0.020	0.23	0.002	0.185	0.185	0.207	0.210	0.417
81 10 07 1020		3	1	0.185	0.125	0.024	0.15	0.001<T	0.195	0.195	0.220	0.126	0.346
81 12 02 1345		3	1	0.008	0.003	0.016	0.22	0.001	0.265	0.265	0.282	0.204	0.486
MAXIMUM				**0.232**	**0.215**	**0.044**	**0.260**	**0.002**	**0.279**	**0.275**	**0.289**	**0.254**	**0.540**
ARITH MEAN				**0.042**	**0.039<A**	**0.018**	**0.21**	**0.001<A**	**0.206**	**0.198**	**0.226**	**0.197**	**0.423**
GEOM MEAN				**0.013**	**0.004<A**	**0.015**	**0.21**	**0.001<A**	**0.196**	**0.188**	**0.218**	**0.194**	**0.416**
MINIMUM				**0.006**	**0.001**	**0.004**	**0.15**	**0.001**	**0.105**	**0.105**	**0.131**	**0.126**	**0.287**
STD DEV (GEOM *)				**0.079**	**0.078<A**	**0.011**	**0.03**	**0.001<A**	**0.064**	**0.062**	**0.060**	**0.036**	**0.079**
# SAMPLES (IN STATISTICS)				**12**	**9**	**12**	**10**	**10**	**10**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*
81 01 15 0955		3	1				44.0			9.500		9.0	6.49
81 02 17 0935		3	1				46.0			8.500		7.0	6.28
81 03 10 0955		3	1	30.00	0.90	29.000	45.0	0.39	2.600	9.000	1.350	5.0	6.36
81 04 21 1410		3	1	29		29	44	0.70	2.65	9.0		11	7.03
81 05 20 1055		3	1	29		27	42	0.55		8.5		9	7.07
81 06 23 1320		3	1	28		28	43	0.48	2.50	8.5		8	7.07
81 07 28 1250		3	1	32		32	45	0.43	2.65	8.0		8	6.97
81 08 18 0915		3	1	37		27	42	1.33	2.25	8.0		8	7.16
81 08 25 1005		3	1			29	44	0.47	2.60			8	6.96
81 09 15 1215		3	1			31	48	0.38		10.5		9	7.23
81 10 07 1020		3	1			31	48	0.27	2.50	10.5		8	6.76
81 12 02 1345		3	1	29		27	42	0.96	2.50	8.5		5	6.73
MAXIMUM				**37**	**0.90**	**32**	**48**	**1.33**	**2.65**	**10.5**	**1.350**	**11**	**7.23**
ARITH MEAN				**30**	**0.90**	**29**	**44**	**0.80**	**2.53**	**8.9**	**1.350**	**7**	**6.84**
GEOM MEAN				**30**		**28**	**44**	**0.53**	**2.52**	**8.9**		**7**	**6.84**
MINIMUM				**28**	**0.90**	**27**	**42**	**0.27**	**2.25**	**8.0**	**1.350**	**5.0**	**6.28**
STD DEV (GEOM *)				**3**		**1**	**2**	**0.32**	**0.13**	**0.8**		**1**	**0.32**
# SAMPLES (IN STATISTICS)				**7**	**1**	**10**	**12**	**10**	**8**	**11**	**1**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH FIELD	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FWPH*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 02 17 0935		3	1	5.9							
81 03 10 0955		3	1	6.4							
81 04 21 1410		3	1	6.30							
81 05 20 1055		3	1	6.60							
81 06 23 1320		3	1	5.60							
81 07 28 1250		3	1	5.50							
81 08 18 0915		3	1	5.50							
81 08 25 1005		3	1	5.90							
81 09 15 1215		3	1	5.05							
81 10 07 1020		3	1	5.25	0.001<	0.062	0.0010<	0.001<	0.003<	0.008	0.0010<
81 12 02 1345		3	1	5.65				0.001<	0.003<	0.003	
MAXIMUM				**6.60**		**0.062**				**0.008**	
ARITH MEAN				**5.7**		**0.062**				**0.005**	
GEOM MEAN				**5.7**						**0.005**	
MINIMUM				**5.05**		**0.062**				**0.003**	
STD DEV (GEOM *)				**0.4**						**0.004**	
# SAMPLES (IN STATISTICS)				**11**		**1**				**2**	

B.O.W. / SITE: **ROSSEAU LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 118 PORT CARLING**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-002-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M.: **17 0611945.0 4997050.0 4** REGION: **03** DISTANCE: **55.360**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1100		.3	1	30391	6	4<	12	4<	4<	1.0	9.2	0.2<	0.007
81 02 17 1040		.3	1	30311	8 6	20I	10	4<	4<	2.5	11.2	0.2	0.009
81 03 10 1037		.3	1	30319	3 6	10<	40	4<	4<	2.5	11.0	0.3	0.010
81 04 21 1305		.3	1	30328	6	4	172	4<	4<	7.0	10.8	0.2	0.008
81 05 20 1210		.3	1	30337	6	10<	100	4<	4<	10.0	9.60	0.2	0.008
81 06 23 1130		.3	1	30344	6	10<	19000	4<	4<	19.0	7.80	0.6	0.007
81 07 28 1125		.3	1	30352	6	10<	320	4<	16	22.0	7.60	0.4	0.005
81 08 25 1105		.3	1	30359	6	10<	20A	4<	8	21.0	7.00	0.6	0.008
81 09 15 1050		.3	1	30368	6	30A	650	4<	4<	19.0	8.20	0.6	0.010
81 10 07 1112		.3	1	30376	6	70A	1500>	4	4<	11.5	8.60	0.2<T	0.250
81 12 02 1200		.3	1	30380	6	50A	60A	4<	4<	4.0	11.00	0.2<T	0.125
81 12 21 1150		.3	1	30388	6	10<	140	4<	4<	0.0	11.60	0.4	0.007
MAXIMUM						**70**	**19000**	**4**	**16**	**22.0**	**11.60**	**0.6**	**0.250**
ARITH MEAN						**35**	**1866**	**4**	**12**	**10.9**	**9.4**	**0.4<A**	**0.038**
GEOM MEAN						**24**	**117**		**11**	**7.3**	**9.3**	**0.3<A**	**0.013**
MINIMUM						**4**	**10**	**4**	**8**	**1.0**	**7.00**	**0.2**	**0.005**
STD DEV (GEOM *)						**3***	**9***		**2***	**8.1**	**1.6**	**0.2<A**	**0.075**
# SAMPLES (IN STATISTICS)						**5**	**11**	**1**	**2**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	
81 01 15 1100		.3	1	0.005	0.022	0.170	0.001	0.289		0.312	0.148	0.460	32.00	
81 02 17 1040		.3	1	0.003	0.018	0.180	1.000<	0.300		1.318	0.162	1.480	31.00	
81 03 10 1037		.3	1	0.004	0.008	0.210	0.001	0.309		0.318	0.202	0.520	33.00	
81 04 21 1305		.3	1	0.001<W	0.014	0.18	0.002	0.300	0.300	0.316	0.166	0.482	34	
81 05 20 1210		.3	1	0.003	0.010	0.19	0.001<T	0.275	0.275	0.286	0.180	0.466	36	
81 06 23 1130		.3	1	0.001<T	0.026	0.21	0.001	0.240	0.240	0.267	0.184	0.451	30	
81 07 28 1125		.3	1	0.001<T	0.016	0.19	0.001	0.170	0.170	0.187	0.174	0.361	29	<T
81 08 25 1105		.3	1	0.007	0.024	0.15	0.035	0.130	0.165	0.189	0.126	0.315	33	
81 09 15 1050		.3	1	0.005	0.022	0.19	0.003	0.175	0.180	0.200	0.168	0.368		
81 10 07 1112		.3	1	0.210	0.022	0.20	0.001<T	0.225	0.225	0.248	0.178	0.426		
81 12 02 1200		.3	1	0.088	0.014	0.21	0.004	0.270	0.275	0.288	0.196	0.484	29	
81 12 21 1150		.3	1	0.004	0.016	0.21	0.001<T	0.265	0.265	0.282	0.194	0.476	29	
MAXIMUM				**0.210**	**0.026**	**0.21**	**0.035**	**0.309**	**0.300**	**1.318**	**0.202**	**1.480**	**36**	
ARITH MEAN				**0.028<A**	**0.018**	**0.19**	**0.005<A**	**0.246**	**0.233**	**0.361**	**0.173**	**0.524**	**31**	**<A**
GEOM MEAN				**0.005<A**	**0.017**	**0.19**	**0.002<A**	**0.238**	**0.228**	**0.296**	**0.172**	**0.479**	**31**	**<A**
MINIMUM				**0.001**	**0.008**	**0.15**	**0.001**	**0.130**	**0.165**	**0.187**	**0.126**	**0.315**	**29**	
STD DEV (GEOM *)				**0.062<A**	**0.006**	**0.01**	**0.010<A**	**0.059**	**0.051**	**0.308**	**0.021**	**0.307**	**2**	**<A**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**9**	**12**	**12**	**12**	**10**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 15 1100		.3	1	1.00	31.000	48.0		1.150	8.500	7.0	7.33		
81 02 17 1040		.3	1	0.40	31.000	48.0		3.150	8.000	7.0	6.31	6.2	
81 03 10 1037		.3	1	0.90	32.000	49.0	0.42	3.500	9.000	14.0	6.59	6.2	
81 04 21 1305		.3	1		34	52	0.65	3.20	9.0	10	7.30	6.25	
81 05 20 1210		.3	1		33	50	0.55		9.0	7	7.13	6.80	
81 06 23 1130		.3	1		30	46	0.38	2.75	8.5	13	7.56	5.50	
81 07 28 1125		.3	1		29	44	0.31	3.00	9.0	9	7.36	5.60	
81 08 25 1105		.3	1		32	49	0.80	2.85		9	7.43	5.20	
81 09 15 1050		.3	1		29	45	0.33	2.60	9.0	8	7.22	4.80	
81 10 07 1112		.3	1		29	45	0.29	2.70	10.5	7	6.76	5.20	
81 12 02 1200		.3	1		29	45	0.49	2.80	10.5	7	6.86	6.30	0.002
81 12 21 1150		.3	1		29	45	0.48	2.70	9.5	8	7.16	6.20	0.005
MAXIMUM				**1.00**	**34**	**52**	**0.80**	**3.500**	**10.5**	**14.0**	**7.56**	**6.80**	**0.005**
ARITH MEAN				**0.77**	**30**	**47**	**0.47**	**2.76**	**9.1**	**8**	**7.08**	**5.8**	**0.003**
GEOM MEAN				**0.71**	**30**	**47**	**0.45**	**2.67**	**9.1**	**8**	**7.07**	**5.8**	**0.003**
MINIMUM				**0.40**	**29**	**44**	**0.29**	**1.150**	**8.000**	**7.0**	**6.31**	**4.80**	**0.002**
STD DEV (GEOM *)				**0.32**	**1**	**2**	**0.16**	**0.59**	**0.7**	**2**	**0.38**	**0.6**	**0.002**
# SAMPLES (IN STATISTICS)				**3**	**12**	**12**	**10**	**11**	**11**	**12**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 12 02 1200		.3	1	0.003<	0.004
81 12 21 1150		.3	1	0.003<	0.015
MAXIMUM					**0.015**
ARITH MEAN					**0.009**
GEOM MEAN					**0.008**
MINIMUM					**0.004**
STD DEV (GEOM *)					**0.008**
# SAMPLES (IN STATISTICS)					**2**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MUSKOKA LAKE OUTLET**
SAMPLE POINT: **AT HIGHWAY NO 169 BALA**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-003-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0609150.0 4985175.0 4** REGION: **03** DISTANCE: **34.439**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 15 0925		.3	1	30388	6	88.200	4<	40	4<	4<	2.0	10.0	0.2<
81 02 17 0905		.3	1	30308	6	96.700	20I	10	4<	4<	3.0	10.4	0.2
81 03 10 0917		.3	1	30316	3 6	216.000	30I	160	4<	124	2.0	11.2	0.2
81 04 21 1425		.3	1	30331	6	109.000	4	40	4<	4<	6.0	10.0	0.2<T
81 05 20 1015		.3	1	30334	6	106.000	10A	50A	4<	4<	9.5	9.60	0.2
81 06 23 1150		.3	1	30347	6	49.000	10A	20000	4<	4<	18.5	8.00	0.2
81 07 28 1325		.3	1	30355	6	10.800	10<	20A	4<	4<	21.5	7.60	0.4
81 08 25 0930		.3	1	30356	6	6.410	190	1500	4	4<	22.0	7.00	0.6
81 09 15 1305		.3	1	30371	6	281.000	10A	7300	4<	4<	19.0	7.80	0.6
81 10 07 0940		.3	1	30373	6	121.000	10<	210	4<	4<	12.0	8.40	0.6
81 12 02 1420		.3	1	30381	6	97.900	20A	2600	4<	4<	3.5	12.00	0.4
81 12 21 1240		.3	1	30389	6	54.000	10<	850	4<	4<		11.00	0.4
MAXIMUM						**281.000**	**190**	**20000**	**4**	**124**	**22.0**	**12.00**	**0.6**
ARITH MEAN						**103.001**	**37**	**2732**	**4**	**124**	**10.8**	**9.4**	**0.4<A**
GEOM MEAN						**69.626**	**18**	**283**			**7.6**	**9.2**	**0.3<A**
MINIMUM						**6.410**	**4**	**10**	**4**	**124**	**2.0**	**7.00**	**0.2**
STD DEV (GEOM *)						**78.771**	**3***	**12***			**8.1**	**1.6**	**0.2<A**
# SAMPLES (IN STATISTICS)						**12**	**8**	**12**	**1**	**1**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 15 0925		.3	1	0.014	0.007	0.018	0.220	0.001	0.269		0.288	0.202	0.490
81 02 17 0905		.3	1	0.009	0.003	0.006	0.200	1.000<	0.295		1.301	0.194	1.495
81 03 10 0917		.3	1	0.015	0.002	0.006	0.230	0.001	0.304		0.311	0.224	0.535
81 04 21 1425		.3	1	0.005	0.001<W	0.012	0.17	0.002	0.270	0.270	0.284	0.158	0.442
81 05 20 1015		.3	1	0.008	0.001<T	0.004	0.22	0.001<T	0.255	0.255	0.260	0.216	0.476
81 06 23 1150		.3	1	0.004	0.001<T	0.028	0.21	0.002	0.230	0.230	0.260	0.182	0.442
81 07 28 1325		.3	1	0.011	0.001<T	0.018	0.20	0.001	0.185	0.185	0.204	0.182	0.386
81 08 25 0930		.3	1	0.006	0.002	0.026	0.20	0.003	0.155	0.160	0.184	0.174	0.358
81 09 15 1305		.3	1	0.126		0.012	0.19	0.002	0.185	0.185	0.199	0.178	0.377
81 10 07 0940		.3	1	0.020	0.007	0.020	0.21	0.001<T	0.205	0.205	0.226	0.190	0.416
81 12 02 1420		.3	1	0.020	0.001<T	0.014	0.21	0.001<T	0.275	0.275	0.290	0.196	0.486
81 12 21 1240		.3	1	0.205		0.016	0.23	0.001<T	0.265	0.265	0.282	0.214	0.496
MAXIMUM				**0.205**	**0.007**	**0.028**	**0.23**	**0.003**	**0.304**	**0.275**	**1.301**	**0.224**	**1.495**
ARITH MEAN				**0.037**	**0.003<A**	**0.015**	**0.20**	**0.001<A**	**0.241**	**0.228**	**0.341**	**0.192**	**0.533**
GEOM MEAN				**0.016**	**0.002<A**	**0.013**	**0.20**	**0.001<A**	**0.236**	**0.222**	**0.287**	**0.192**	**0.490**
MINIMUM				**0.004**	**0.001**	**0.004**	**0.17**	**0.001**	**0.155**	**0.160**	**0.184**	**0.158**	**0.358**
STD DEV (GEOM *)				**0.063**	**0.002<A**	**0.008**	**0.01**	**0.001<A**	**0.048**	**0.043**	**0.305**	**0.019**	**0.308**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**11**	**12**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*
81 01 15 0925		.3	1	29.00	0.40	29.000	45.0		2.700	8.500	7.0	6.99	
81 02 17 0905		.3	1	31.00	2.00	29.000	45.0		2.400	9.000	9.0	6.34	6.5
81 03 10 0917		.3	1	35.00	5.00	30.000	46.0	0.44	2.600	9.000	8.0	6.70	6.6
81 04 21 1425		.3	1	29		29	45	0.65	7.60	9.0	8	7.28	6.30
81 05 20 1015		.3	1	32		29	44	0.65		9.0	7	7.08	6.40
81 06 23 1150		.3	1	29		29	44	0.35	2.50	8.5	11	7.36	5.60
81 07 28 1325		.3	1	30		29	44	0.36	2.55	8.5	7	7.31	5.70
81 08 25 0930		.3	1	29		29	45	0.83	2.60		8	7.41	5.95
81 09 15 1305		.3	1			31	48	0.51	2.55	10.5	9	7.41	5.30
81 10 07 0940		.3	1			29	44	0.33	2.45	8.5	8	7.14	5.40
81 12 02 1420		.3	1	30		29	45.0	0.32	2.45	8.5	3	6.99	5.65
81 12 21 1240		.3	1	29		29	45	0.37	2.65	11.0	4	7.08	6.30
MAXIMUM				**35.00**	**5.00**	**31**	**48**	**0.83**	**7.60**	**11.0**	**11**	**7.41**	**6.6**
ARITH MEAN				**30**	**2.47**	**29**	**45**	**0.48**	**3.00**	**9.0**	**7**	**7.09**	**5.9**
GEOM MEAN				**30**	**1.59**	**29**	**45**	**0.46**	**2.81**	**9.0**	**7**	**7.08**	**5.9**
MINIMUM				**29.00**	**0.40**	**29.000**	**44**	**0.32**	**2.400**	**8.500**	**3**	**6.34**	**5.30**
STD DEV (GEOM *)				**1**	**2.34**	**0**	**1**	**0.17**	**1.52**	**0.8**	**2**	**0.32**	**0.4**
# SAMPLES (IN STATISTICS)				**10**	**3**	**12**	**12**	**10**	**11**	**11**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 12 02 1420		.3	1	0.004	0.003<	0.004
81 12 21 1240		.3	1	0.003	0.003<	0.006
MAXIMUM				**0.004**		**0.006**
ARITH MEAN				**0.003**		**0.005**
GEOM MEAN				**0.003**		**0.005**
MINIMUM				**0.003**		**0.004**
STD DEV (GEOM *)				**0.001**		**0.001**
# SAMPLES (IN STATISTICS)				**2**		**2**

B.O.W./ SITE: **MUSKOKA RIVER SOUTH**
SAMPLE POINT: **HIGHWAY 11 MUSKOKA FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-004-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0633800.0 4984350.0 4** REGION: **03** DISTANCE: **69.683**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 1335		.3	1	30395	4 6	8	52	4<	4	1.0	9 6	0 2	0 009
81 02 17 1305		.3	1	30315	6	90I	150	4<	4	1.0	12 0	0 2<	0 004
81 03 10 1330		.3	1	30323	3 6	10I	220	4	4<	2 0	12 0	0 3	0 008
81 04 21 0955		.3	1	30324	6	4	116	4<	4<	6 0	11 6	0 2<T	0 009
81 05 20 0905		.3	1	30333	6	180A	3300	4<	4	10 0	10 20	0 4	0 016
81 06 23 0830		.3	1	30340	6	430A	16000	36	24	19 0	7 20	0 4	0 010
81 07 28 0845		.3	1	30348	6	3200	11000	4<	4<	22 5	7 20	0 6	0 009
81 08 25 1345		.3	1	30363	6	700A	21000	4	8	22 0	6 00	0 6	0 008
81 09 15 0825		.3	1	30364	6	20A	16000	4<	4	17 5	8 20	0 6	0 013
81 10 07 1410		.3	1	30372	6	280	2600	4	8	11 0	9 40	0 6	0 016
81 12 02 0930		.3	1	30382	6	310	2200	4<	4<	1 5	10 80	0 4	0 202
81 12 21 0930		.3	1	30390	6	90A	510	4<	4<	0 0	12 60	0 4	0 034
	MAXIMUM					**3200**	**21000**	**36**	**24**	**22 5**	**12 60**	**0 6**	**0 202**
	ARITH MEAN					**443**	**6096**	**12**	**8**	**10 3**	**9 7**	**0 4<A**	**0 028**
	GEOM MEAN					**98**	**1483**	**7**	**6**	**5 9**	**9 4**	**0 4<A**	**0 014**
	MINIMUM					**4**	**52**	**4**	**4**	**1 0**	**6 00**	**0 2**	**0 004**
	STD DEV (GEOM *)					**8***	**9***	**3***	**2***	**8 7**	**2 1**	**0 2<A**	**0 055**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**4**	**7**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1335		.3	1	0 007	0 024	0 210	0 001	0 219		0 244	0 186	0 430	27 00
81 02 17 1305		.3	1	0 001	0 030	0 190	1 000<	0 235		1 265	0 160	1 425	27 00
81 03 10 1330		.3	1	0 001<	0 012	0 210	0 001	0 224		0 237	0 198	0 435	26 00
81 04 21 0955		.3	1	0 003	0 006	0 17	0 002	0 195	0 195	0 203	0 164	0 367	31
81 05 20 0905		.3	1	0 004	0 008	0 23	0 001<T	0 170	0 170	0 179	0 222	0 401	27
81 06 23 0830		.3	1	0 001<T	0 044	0 28	0 002	0 155	0 155	0 201	0 236	0 437	26
81 07 28 0845		.3	1	0 001<T	0 038	0 30	0 001<T	0 070	0 070	0 109	0 262	0 371	25 <T
81 08 25 1345		.3	1	0 003	0 032	0 22	0 004	0 040	0 045	0 076	0 188	0 264	
81 09 15 0825		.3	1	0 004	0 024	0 22	0 002	0 120	0 120	0 146	0 196	0 342	
81 10 07 1410		.3	1	0 003	0 018	0 15	0 001<T	0 125	0 125	0 144	0 132	0 276	
81 12 02 0930		.3	1	0 150	0 014	0 24	0 001	0 195	0 195	0 210	0 226	0 436	26
81 12 21 0930		.3	1		0 022	0 23					0 208		
	MAXIMUM			**0 150**	**0 044**	**0 30**	**0 004**	**0 235**	**0 195**	**1 265**	**0 262**	**1 425**	**31**
	ARITH MEAN			**0 018<A**	**0 023**	**0 22**	**0 002<A**	**0 159**	**0 134**	**0 274**	**0 198**	**0 471**	**26 <A**
	GEOM MEAN			**0 004<A**	**0 019**	**0 21**	**0 001<A**	**0 142**	**0 121**	**0 199**	**0 195**	**0 419**	**26 <A**
	MINIMUM			**0 001**	**0 006**	**0 15**	**0 001**	**0 040**	**0 045**	**0 076**	**0 132**	**0 264**	**25**
	STD DEV (GEOM *)			**0 047<A**	**0 012**	**0 04**	**0 001<A**	**0 064**	**0 055**	**0 333**	**0 036**	**0 322**	**1 <A**
	# SAMPLES (IN STATISTICS)			**10**	**12**	**12**	**10**	**11**	**8**	**11**	**12**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 15 1335		.3	1	0.30	27.000	41 0		18.500	8.500	6.0	6.54		
81 02 17 1305		.3	1	1.00	26.000	40 0		1 600	8.500	13.0	6.25	5.9	
81 03 10 1330		.3	1	1.00	25.000	39 0	0 43	1.350	9.000	6.0	6.64	5.7	
81 04 21 0955		.3	1		31	47	0 50	1.40	9 0	7	7.04	6.00	
81 05 20 0905		.3	1		24	38	0 65		9 5	5	6.97	6.30	
81 06 23 0830		.3	1		26	40	0 53	2.05	8 0	12	7.01	5.45	
81 07 28 0845		.3	1		25	38	0 52	1 70	8 5	8	6.71	5.40	
81 08 25 1345		.3	1		26	40	0 73	1 70		8	6.83	5.40	
81 09 15 0825		.3	1		26	40	0 62		9 0	6	7.17	5.30	
81 10 07 1410		.3	1		24	37	0 49	1 70	9 0	6	6.80	5.20	
81 12 02 0930		.3	1		25	39	0 85	1 40	10 0	4	6.69	5.85	
81 12 21 0930		.3	1			39	0 71	1 45	10 0	4	7.04	5.40	1<T
	MAXIMUM			**1.00**	**31**	**47**	**0.85**	**18.500**	**10.0**	**13.0**	**7.17**	**6.30**	**1**
	ARITH MEAN			**0.77**	**25**	**39**	**0.60**	**3.28**	**9.0**	**7**	**6.81**	**5.6**	**1<A**
	GEOM MEAN			**0.67**	**25**	**39**	**0.59**	**2.02**	**8.9**	**6**	**6.80**	**5.6**	
	MINIMUM			**0.30**	**24**	**37**	**0.43**	**1.350**	**8.0**	**4**	**6.25**	**5.20**	**1**
	STD DEV (GEOM *)			**0.40**	**1**	**2**	**0.13**	**5.35**	**0.6**	**2**	**0.26**	**0.3**	
	# SAMPLES (IN STATISTICS)			**3**	**11**	**12**	**10**	**10**	**11**	**12**	**12**	**11**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 12 02 0930		.3	1			0 001<	0 003<	0 004	
81 12 21 0930		.3	1	0 09	0 001<	0 003	0 003	0 005	0 001
	MAXIMUM			**0 09**		**0 003**	**0 003**	**0 005**	**0 001**
	ARITH MEAN			**0 09**		**0 003**	**0 003**	**0 004**	**0 001**
	GEOM MEAN							**0 004**	
	MINIMUM			**0 09**		**0 003**	**0 003**	**0 004**	**0 001**
	STD DEV (GEOM *)							**0 001**	
	# SAMPLES (IN STATISTICS)			**1**		**1**	**1**	**2**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MARY LAKE OUTLET**
SAMPLE POINT: **AT REGIONAL ROAD NO. 10 PORT SYDNEY**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-006-02**
STORET CODE: **02 002 2980**

LAT: LONG: U T M: **17 0635450.0 5007850.0 4** REGION: **03** DISTANCE: **92.374**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 27 1050		.3	1	30403	6	15.500	100	140	8	4	0.0	12.0	
81 02 24 1115		.3	1	30409	6	66.500	92	400	2<	4	2.0	12.0	0.2<
81 03 25 1150		.3	1	30417	6	18.700	8	44	2<	2<	2.5	12.0	0.2
81 04 29 1100		.3	1	30421	6	30.600	4<	44	2<	6	7.0	9.60	0.2
81 05 28 1240		.3	1	30429	6	27.700	52	188	2<	30	16.0	9.60	0.6
81 06 16 0840		.3	1	30430	6	15.600	104	960	4	24	17.5	8.20	0.2
81 07 27 1245		.3	1	30441	6	9.380	84A	4400	18	4	22.5	7.60	0.2
81 08 18 1200		.3	1	30448	6	26.500	120	1230	6	4	21.0	7.60	0.4
81 09 21 1220		.3	1	30454	6	47.000	60A	1900	4<	4<	16.0	8.20	0.2
81 10 26 1310		.3	1	30460	6	39.100	40A	150	4<	4<	8.0	9.20	0.4
81 11 24		.3	1	30461	6	14.500	30A	670	10<	10<	1.0	11.00	0.4
81 12 14 1325		.3	1	30472	6	24.900	50A	24000>	4<	4<	3.0	10.80	1.0
MAXIMUM						**66.500**	**120**	**4400**	**18**	**30**	**22.5**	**12.0**	**1.0**
ARITH MEAN						**27.998**	**67**	**921**	**9**	**11**	**10.6**	**9.8**	**0.4**
GEOM MEAN						**24.283**	**55**	**374**	**8**	**7**	**6.9**	**9.6**	**0.3**
MINIMUM						**9.380**	**8**	**44**	**4**	**4**	**1.0**	**7.60**	**0.2**
STD DEV (GEOM *)						**16.267**	**2***	**5***	**2***	**2***	**8.2**	**1.7**	**0.3**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**4**	**7**	**11**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 27 1050		.3	1	0.008		0.046							
81 02 24 1115		.3	1	0.007	0.005	0.056	0.270	0.003	0.327		0.386	0.214	0.600
81 03 25 1150		.3	1	0.010	0.007	0.010	0.240	0.001	0.289		0.300	0.230	0.530
81 04 29 1100		.3	1	0.007	0.001<W	0.012	0.26	0.003	0.300	0.305	0.315	0.248	0.563
81 05 28 1240		.3	1	0.010	0.002	0.032	0.25	0.001	0.260	0.260	0.293	0.218	0.511
81 06 16 0840		.3	1	0.010	0.001<T	0.032	0.26	0.003	0.225	0.230	0.260	0.228	0.488
81 07 27 1245		.3	1	0.008	0.001<T	0.012	0.24	0.002	0.175	0.175	0.189	0.228	0.417
81 08 18 1200		.3	1	0.006	0.001<T	0.024	0.21	0.001	0.090	0.090	0.115	0.186	0.301
81 09 21 1220		.3	1	0.012	0.001	0.026	0.35	0.001<T	0.150	0.005<W	0.177	0.324	0.501
81 10 26 1310		.3	1	0.010	0.004	0.022	0.25	0.003	0.265	0.270	0.290	0.228	0.518
81 11 24		.3	1	0.155	0.043	0.018	0.25	0.001	0.260	0.260	0.279	0.232	0.511
81 12 14 1325		.3	1	0.004	0.001<T	0.006	0.26	0.001	0.265	0.265	0.272	0.254	0.526
MAXIMUM				**0.155**	**0.043**	**0.056**	**0.35**	**0.003**	**0.327**	**0.305**	**0.386**	**0.254**	**0.600**
ARITH MEAN				**0.021**	**0.006<A**	**0.025**	**0.25**	**0.002<A**	**0.237**	**0.207<A**	**0.270**	**0.227**	**0.496**
GEOM MEAN				**0.010**	**0.002<A**	**0.021**	**0.25**	**0.002<A**	**0.224**	**0.144<A**	**0.258**	**0.226**	**0.489**
MINIMUM				**0.004**	**0.001**	**0.006**	**0.21**	**0.001**	**0.090**	**0.005**	**0.115**	**0.186**	**0.301**
STD DEV (GEOM *)				**0.042**	**0.012<A**	**0.015**	**0.03**	**0.001<A**	**0.071**	**0.099<A**	**0.073**	**0.019**	**0.083**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**11**	**11**	**11**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*
81 01 27 1050		.3	1				45.0			9.500		8.0	6.70
81 02 24 1115		.3	1	35.00	2.00	33.000	50.0	0.68	3.000	8.500		9.0	6.93
81 03 25 1150		.3	1	30.00	0.10	30.000	46.0	0.78	2.450	9.000	2.620	7.0	6.35
81 04 29 1100		.3	1	30	1		45	0.80	2.55	9.0		7	6.83
81 05 28 1240		.3	1	31	1		46	0.64	2.40	8.5		7	7.11
81 06 16 0840		.3	1	32	3		44	0.53	2.30	8.5		7	7.37
81 07 27 1245		.3	1	29	1.0 <T		45	5.10	2.40	8.5		9	7.02
81 08 18 1200		.3	1	27	0.2		41	1.30	1.70	8.0		10	7.07
81 09 21 1220		.3	1				41	0.88	1.85	10.5		9	6.80
81 10 26 1310		.3	1	35	7.0		43	0.84	2.10	10.0		9	6.80
81 11 24		.3	1	29	1.7		42	1.18	2.10	11.0		8	6.67
81 12 14 1325		.3	1	28	0.9		41	0.63	2.15	9.5		15	6.92
MAXIMUM				**35.00**	**7.0**	**33.000**	**50.0**	**5.10**	**3.000**	**11.0**	**2.620**	**15**	**7.37**
ARITH MEAN				**30**	**1 <A**	**31.500**	**44**	**1.21**	**2.27**	**9.2**	**2.620**	**8**	**6.88**
GEOM MEAN				**30**	**1 <A**	**31.464**	**44**	**0.94**	**2.24**	**9.1**		**8**	**6.88**
MINIMUM				**27**	**0.10**	**30.000**	**41**	**0.53**	**1.70**	**8.0**	**2.620**	**7.0**	**6.35**
STD DEV (GEOM *)				**2**	**2 <A**	**2.121**	**2**	**1.31**	**0.35**	**0.9**		**2**	**0.26**
# SAMPLES (IN STATISTICS)				**10**	**10**	**2**	**12**	**11**	**11**	**12**	**1**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FWPH*	*PHNOL*	*FEUT*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 27 1050		.3	1	4.7									
81 02 24 1115		.3	1	12.0									
81 04 29 1100		.3	1	5.75									
81 05 28 1240		.3	1	5.20									
81 06 16 0840		.3	1	4.80		0.15	0.001<	0.018	0.0006	0.001<W	0.003<	0.002	0.0005<
81 07 27 1245		.3	1	6.30									
81 08 18 1200		.3	1	5.40									
81 10 26 1310		.3	1			0.15	0.001<	0.070	0.0030	0.001	0.003<	0.005	0.0020<
81 12 14 1325		.3	1	5.75	1<T	0.17				0.001<	0.003<	0.007	
MAXIMUM				**12.0**	**1**	**0.17**		**0.070**	**0.0030**	**0.001**		**0.007**	
ARITH MEAN				**6.2**	**1<A**	**0.16**		**0.044**	**0.0018**	**0.001<A**		**0.005**	
GEOM MEAN				**5.9**		**0.16**		**0.035**	**0.0013**	**0.001<A**		**0.004**	
MINIMUM				**4.7**	**1**	**0.15**		**0.018**	**0.0006**	**0.001**		**0.002**	
STD DEV (GEOM *)				**2.3**		**0.01**		**0.037**	**0.0017**	**0.000<A**		**0.003**	
# SAMPLES (IN STATISTICS)				**8**	**1**	**3**		**2**	**2**	**2**		**3**	

B.O.W./ SITE: **FAIRY LAKE OUTLET**
SAMPLE POINT: **AT REGIONAL ROAD NO. 2 HUNTSVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-007-02**
STORET CODE: **02 002 2980**

LAT: LONG: U T M: **17 0640850.0 5018100.0 4** REGION: **03** DISTANCE: **105.248**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
				SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1100		.3	1	30401	6	304	440	86	42	0 0	12 0		0 230
81 02 24 1015		.3	1	30407	6	204	960	12	8	3.0	10.0	0.2<	0 020
81 03 25 1120		.3	1	30416	6	24	72	2<	2	2 5	10.0	0.2<	0 012
81 04 29 1030		.3	1	30420	6	8	108	2<	2	7 0	10.20	0.2	0.009
81 05 28 1210		.3	1	30428	6	72	180	2<	2	16 0	10 80	0.8	0.018
81 06 16 0925		.3	1	30431	6	68	440	4	6	18.0	7.20	0.2	0.010
81 07 27 1212		.3	1	30442	6	12	428	2<	6	21.0	7.60	0.4	0.008
81 08 18 1130		.3	1	30447	6	1400A	62000	2<	2<	21 0	7 00	0.4	0.005
81 09 21 1150		.3	1	30453	6	130	1200	12	4	16.0	7.80	0.2	0.015
81 10 26 1235		.3	1	30459	6	60A	6800	4	4<	8.5	10.50	0.6	0.011
81 11 24 0920		.3	1	30462	6	60A	17000	10<	10<	1.0	11.00	0.2<T	0.151
81 12 14 1250		.3	1	30471	6	60A	3900	4<	4<	2.5	9.40	0.6	0.032
		MAXIMUM				**1400**	**62000**	**86**	**42**	**21.0**	**12.0**	**0.8**	**0.230**
		ARITH MEAN				**200**	**7794**	**24**	**9**	**10.6**	**9.4**	**0.4<A**	**0.043**
		GEOM MEAN				**74**	**1116**	**11**	**5**	**7.1**	**9.3**	**0.3<A**	**0.019**
		MINIMUM				**8**	**72**	**4**	**2**	**1.0**	**7.00**	**0.2**	**0.005**
		STD DEV (GEOM *)				**4***	**8***	**4***	**3***	**7.9**	**1.6**	**0.2<A**	**0.071**
		# SAMPLES (IN STATISTICS)				**12**	**12**	**5**	**8**	**11**	**12**	**9**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
				PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 27 1100		.3	1		0.076								
81 02 24 1015		.3	1	0.003	0.044	0 320	0 003	0 302		0 349	0.276	0.625	44.00
81 03 25 1120		.3	1	0.001<	0.048	0.300	0 003	0 292		0 343	0.252	0.595	31.00
81 04 29 1030		.3	1	0.001	0.022	0.29	0 003	0 300	0 305	0 325	0.268	0.593	30
81 05 28 1210		.3	1	0.004	0 030	0 28	0 001	0 240	0 240	0 271	0.250	0.521	28
81 06 16 0925		.3	1	0.001<T	0 054	0 27	0 004	0 200	0 205	0 258	0.216	0.474	29
81 07 27 1212		.3	1	0.001<T	0 014	0 23	0 002	0 155	0 155	0 171	0.216	0.387	29
81 08 18 1130		.3	1	0.001<T	0 012	0 18	0 001<T	0 050	0 050	0 063	0 168	0.231	22
81 09 21 1150		.3	1	0.001	0.026	0 32	0 001<T	0 135	0 135	0 162	0.294	0.456	
81 10 26 1235		.3	1	0 002	0 032	0 28	0 001<T	0 225	0 225	0 258	0.248	0.506	27
81 11 24 0920		.3	1	0 046	0 018	0 25	0 001	0 250	0 250	0 269	0 232	0.501	26
81 12 14 1250		.3	1	0 004	0 012	0 25	0 001	0 270	0 270	0 283	0 238	0.521	28
		MAXIMUM		**0.046**	**0.076**	**0.32**	**0.004**	**0.302**	**0.305**	**0.349**	**0.294**	**0.625**	**44.00**
		ARITH MEAN		**0.006<A**	**0.032**	**0.27**	**0.002<A**	**0.220**	**0.204**	**0.250**	**0.242**	**0.492**	**29**
		GEOM MEAN		**0.002<A**	**0.027**	**0.26**	**0.002<A**	**0.200**	**0.184**	**0.230**	**0.239**	**0.477**	**28**
		MINIMUM		**0.001**	**0.012**	**0.18**	**0.001**	**0.050**	**0.050**	**0.063**	**0.168**	**0.231**	**22**
		STD DEV (GEOM *)		**0.014<A**	**0.020**	**0.04**	**0.001<A**	**0.079**	**0.078**	**0.087**	**0.034**	**0.110**	**5**
		# SAMPLES (IN STATISTICS)		**10**	**12**	**11**	**11**	**11**	**9**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH
				RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
81 01 27 1100		.3	1			47.0			10 500		8.0	6.55	5.5
81 02 24 1015		.3	1	9.00	35.000	54.0	2.80	4.700	8 500	2.060	7.0	6.58	6.5
81 03 25 1120		.3	1	0.80	30.000	46.0	0.77	2.400	5 500	3.590	10.0	6.21	6.2
81 04 29 1030		.3	1		26	40	1 20	2 00	9 0		8	6.71	5.80
81 05 28 1210		.3	1	2		40	0 83	2.05	8 0		12	6.99	5.40
81 06 16 0925		.3	1		27	42	0 65	2 05	8 5		12	7.06	5.50
81 07 27 1212		.3	1	1.0 <T		44	0 85	2 20	9 0		7	7.02	5.80
81 08 18 1130		.3	1		22	34	1 30	0 65	7 5		9	7.19	5.85
81 09 21 1150		.3	1		26	40	1 06	1.70	9 5		9	6.71	4.80
81 10 26 1235		.3	1		26	40	1 16	1 55	11 0		9	6.45	
81 11 24 0920		.3	1		26	40	0 95	1 85	10 5		7	6.35	
81 12 14 1250		.3	1		27	41	0 78	2 00	9 0		10	6 71	5.75
		MAXIMUM		**9.00**	**35.000**	**54.0**	**2.80**	**4.700**	**11.0**	**3.590**	**12**	**7.19**	**6.5**
		ARITH MEAN		**3 <A**	**27**	**42**	**1.12**	**2.10**	**8.8**	**2.825**	**9**	**6.71**	**5.7**
		GEOM MEAN		**1 <A**	**27**	**42**	**1.03**	**1.92**	**8.7**	**2.719**	**8**	**6.70**	**5.6**
		MINIMUM		**0.80**	**22**	**34**	**0.65**	**0.65**	**5.500**	**2.060**	**7.0**	**6.21**	**4.80**
		STD DEV (GEOM *)		**3 <A**	**3**	**5**	**0.59**	**0.97**	**1.4**	**1.082**	**1**	**0.30**	**0.4**
		# SAMPLES (IN STATISTICS)		**4**	**9**	**12**	**11**	**11**	**12**	**2**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	ASUT	ALUT	CRUT	CUUT	PBUT	ZNUT	NIUT
				ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 06 16 0925		.3	1	0.001<	0.018	0.0003	0 001<W	0.003<	0 002	0 0005<
81 10 26 1235		.3	1	0.001<	0.160	0 0020<	0 002	0.003<	0 008	0 0020<
81 12 14 1250		.3	1				0.002	0.005	0 010	
		MAXIMUM			**0.160**	**0.0003**	**0.002**	**0.005**	**0.010**	
		ARITH MEAN			**0.089**	**0.0003**	**0.002<A**	**0.005**	**0.007**	
		GEOM MEAN			**0.054**		**0.002<A**		**0.005**	
		MINIMUM			**0.018**	**0.0003**	**0.001**	**0.005**	**0.002**	
		STD DEV (GEOM *)			**0.100**		**0.001<A**		**0.004**	
		# SAMPLES (IN STATISTICS)			**2**	**1**	**3**	**1**	**3**	

B.O.W./ SITE: **LAKE VERNON OUTLET**
SAMPLE POINT: **HIGHWAY 11B HUNTSVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-008-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0639855.0 5020800.0 4** REGION: **03** DISTANCE: **110.076**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 24 1005		.3	1	30406	6	212C	1080	8	64	2.0	9.0	0.2<	0.021
81 03 25 1055		.3	1	30415	6	36	156	4<	8	3.0	11.4	0.2	0.011
81 04 29 1010		.3	1	30419	6	168	560	2<	2<	8.0	10.20	0.6	0.011
81 05 28 1130		.3	1	30427	6	40A	700	8	4<	18.0	9.80	1.0	0.018
81 06 16 0925		.3	1	30432	6	236A	4000	14	8	21.0	7.80	0.2	0.012
81 07 27 1200		.3	1	30439	6	460A	6100	2	4	23.0	7.40	0.4	0.010
81 08 18 1050		.3	1	30446	6	230	490	6	2	21.0	7.20	0.4	0.015
81 09 21 1100		.3	1	30452	6	110	1100	12	8	15.0	7.60	0.2<T	0.018
81 10 26 1215		.3	1	30458	6	80A	370	4	4	8.5	9.40	0.4	0.011
81 11 24 0950		.3	1	30463	6	80A	510	10<	10<	3.0	12.00	0.4	0.060
81 12 14 1230		.3	1	30470	6	40A	330	4<	4<	1.5	11.20	0.2<T	0.025
MAXIMUM						**460**	**6100**	**14**	**64**	**23.0**	**12.00**	**1.0**	**0.060**
ARITH MEAN						**154**	**1400**	**8**	**14**	**11.3**	**9.3**	**0.4<A**	**0.019**
GEOM MEAN						**112**	**767**	**7**	**7**	**7.6**	**9.2**	**0.3<A**	**0.016**
MINIMUM						**36**	**156**	**2**	**2**	**1.5**	**7.20**	**0.2**	**0.010**
STD DEV (GEOM *)						**2***	**3***	**2***	**3***	**8.5**	**1.7**	**0.2<A**	**0.014**
# SAMPLES (IN STATISTICS)						**11**	**11**	**7**	**7**	**11**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 24 1005		.3	1	0.004	0.044	0.290	0.003	0.272		0.319	0.246	0.565	47.00
81 03 25 1055		.3	1	0.001<	0.042	0.260	0.002	0.283		0.327	0.218	0.545	31.00
81 04 29 1010		.3	1	0.001	0.026	0.32	0.004	0.290	0.290	0.320	0.294	0.614	27
81 05 28 1130		.3	1	0.010	0.034	0.27	0.002	0.190	0.190	0.226	0.236	0.462	26
81 06 16 0925		.3	1	0.001<T	0.044	0.32	0.003	0.155	0.160	0.202	0.276	0.478	28
81 07 27 1200		.3	1	0.001<T	0.012	0.24	0.001	0.105	0.105	0.118	0.228	0.346	27
81 08 18 1050		.3	1	0.001<T	0.032	0.35	0.001	0.055	0.055	0.088	0.318	0.406	28
81 09 21 1100		.3	1	0.002	0.040	0.38	0.001<T	0.095	0.095	0.136	0.340	0.476	
81 10 26 1215		.3	1	0.004	0.038	0.31	0.001	0.180	0.180	0.219	0.272	0.491	25
81 11 24 0950		.3	1	0.041	0.026	0.28	0.003	0.195	0.200	0.224	0.254	0.478	19
81 12 14 1230		.3	1	0.001<T	0.016	0.25	0.003	0.205	0.210	0.224	0.234	0.458	25
MAXIMUM				**0.041**	**0.044**	**0.38**	**0.004**	**0.290**	**0.290**	**0.327**	**0.340**	**0.614**	**47.00**
ARITH MEAN				**0.007<A**	**0.032**	**0.29**	**0.002<A**	**0.184**	**0.165**	**0.218**	**0.265**	**0.484**	**28**
GEOM MEAN				**0.003<A**	**0.030**	**0.29**	**0.002<A**	**0.166**	**0.149**	**0.203**	**0.263**	**0.478**	**27**
MINIMUM				**0.001**	**0.012**	**0.24**	**0.001**	**0.055**	**0.055**	**0.088**	**0.218**	**0.346**	**19**
STD DEV (GEOM *)				**0.012<A**	**0.011**	**0.04**	**0.001<A**	**0.078**	**0.071**	**0.082**	**0.039**	**0.073**	**7**
# SAMPLES (IN STATISTICS)				**10**	**11**	**11**	**11**	**11**	**9**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 02 24 1005		.3	1	13.00	34.000	52.0	7.60	4.050	8.500	1.940	7.0	6.45	6.7
81 03 25 1055		.3	1	2.00	29.000	44.0	1.40	2.300	4.500	3.290	7.0	6.14	6.3
81 04 29 1010		.3	1		25	39	1.10	1.80	8.5		9	6.43	5.40
81 05 28 1130		.3	1	2		37	0.86	1.15	8.5		7	6.87	5.60
81 06 16 0925		.3	1		25	38	0.87	1.50	8.5		10	6.90	5.30
81 07 27 1200		.3	1	1.0 <T		44	1.27	1.70	8.5		7	6.84	5.60
81 08 18 1050		.3	1		27	42	1.90	1.85	8.5		10	6.92	5.50
81 09 21 1100		.3	1		23	36	1.77	1.05	9.5		6	6.53	4.60
81 10 26 1215		.3	1		24	37	1.19	1.10	11.0		5	6.45	
81 11 24 0950		.3	1		18	38	1.64	1.75	10.5		16	6.39	
81 12 14 1230		.3	1		24	37	1.37	1.45	9.5		8	6.54	5.75
MAXIMUM				**13.00**	**34.000**	**52.0**	**7.60**	**4.050**	**11.0**	**3.290**	**16**	**6.92**	**6.7**
ARITH MEAN				**4 <A**	**25**	**40**	**1.91**	**1.79**	**8.7**	**2.615**	**8**	**6.59**	**5.6**
GEOM MEAN				**2 <A**	**25**	**40**	**1.52**	**1.66**	**8.5**	**2.526**	**8**	**6.58**	**5.6**
MINIMUM				**1.0**	**18**	**36**	**0.86**	**1.05**	**4.500**	**1.940**	**5**	**6.14**	**4.60**
STD DEV (GEOM *)				**5 <A**	**4**	**4**	**1.92**	**0.83**	**1.6**	**0.955**	**3**	**0.26**	**0.6**
# SAMPLES (IN STATISTICS)				**4**	**9**	**11**	**11**	**11**	**11**	**2**	**11**	**11**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 06 16 0925		.3	1	0.001<	0.032	0.0002<	0.001<W	0.003<	0.003	0.0005<
81 10 26 1215		.3	1	0.001<	0.110	0.0040	0.001	0.003<	0.007	0.0020<
81 12 14 1230		.3	1				0.001<	0.003<	0.009	
MAXIMUM					**0.110**	**0.0040**	**0.001**		**0.009**	
ARITH MEAN					**0.071**	**0.0040**	**0.001<A**		**0.006**	
GEOM MEAN					**0.059**		**0.001<A**		**0.006**	
MINIMUM					**0.032**	**0.0040**	**0.001**		**0.003**	
STD DEV (GEOM *)					**0.055**		**0.000<A**		**0.003**	
# SAMPLES (IN STATISTICS)					**2**	**1**	**2**		**3**	

B.O.W./ SITE: **LAKE OF BAYS OUTLET**
SAMPLE POINT: **HIGHWAY NO. 117 BAYSVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-009-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0648450.0 5001115.0 4** REGION: **03** DISTANCE: **107.501**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 27 1145		3	1	30404	6	17 600	4<	36	2<	2<	0 0	11 0	
81 02 24 1145		3	1	30410	6	62 700	60	304	2<	2<	3 0	12 0	0 2<
81 03 25 0840		3	1	30412	6	36 900	4<	24	2<	2<	3 0	11 8	0 4
81 04 29 1215		3	1	30422	6	19 600	4	32	2<	4	7 0	10 40	0 6
81 05 28 0935		3	1	30424	6	23 000	16	348	2	2	12 0	10 80	0 2<T
81 06 16 1250		3	1	30435	6	11 900	44	840	4	8	17 5	8 40	0 2<T
81 07 27 0940		3	1	30436	6	2 750	196A	2160	166	56	21 0	7 20	0 2
81 08 18 0845		3	1	30443	6	4 350	30A	190	4	4<	20 0	7 20	0 2
81 09 21 0855		3	1	30449	6	55 700	20A	430	4<	4<	15 0	8 20	0 2
81 10 26 1055		3	1	30455	6	41 800	30A	160	4<	4	8 0	10 20	0 6
81 11 24 1025		3	1	30464	6	12 300	440	1100	10<	10<	0 0	14 00	0 4
81 12 14 0930		3	1	30467	6	17 000	10<	30A	4<	4<	2 5	10 00	0 2<T
MAXIMUM						**62 700**	**440**	**2160**	**166**	**56**	**21 0**	**14 00**	**0 6**
ARITH MEAN						**25 467**	**93**	**471**	**44**	**15**	**10 9**	**10 1**	**0 3<A**
GEOM MEAN						**18 143**	**40**	**191**	**9**	**7**	**8 4**	**9 9**	**0 3<A**
MINIMUM						**2 750**	**4**	**24**	**2**	**2**	**2 5**	**7 20**	**0 2**
STD DEV (GEOM *)						**19 520**	**4***	**5***	**7***	**4***	**7 2**	**2 0**	**0 2<A**
# SAMPLES (IN STATISTICS)						**12**	**9**	**12**	**4**	**5**	**10**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 27 1145		3	1	0 345		0 018							
81 02 24 1145		3	1	0 003	0 001	0 022	0 190	0 001<	0 245		0 268	0 168	0 436
81 03 25 0840		3	1	0 009	0 004	0 018	0 160	0 001<	0 220		0 239	0 142	0 381
81 04 29 1215		3	1	0 009	0 003	0 006	0 17	0 002	0 235	0 240	0 243	0 164	0 407
81 05 28 0935		3	1	0 029	0 001<T	0 010	0 18	0 001<T	0 230	0 230	0 241	0 170	0 411
81 06 16 1250		3	1	0 008	0 001<T	0 020	0 20	0 003	0 175	0 180	0 198	0 180	0 378
81 07 27 0940		3	1	0 012	0 001<T	0 004	0 20	0 001<T	0 090	0 090	0 095	0 196	0 291
81 08 18 0845		3	1	0 005	0 001<T	0 028	0 26	0 001	0 110	0 110	0 139	0 232	0 371
81 09 21 0855		3	1	0 007	0 001<T	0 062	0 30	0 001<T	0 105	0 105	0 168	0 238	0 406
81 10 26 1055		3	1	0 005	0 001	0 014	0 21	0 001<T	0 185	0 185	0 200	0 196	0 396
81 11 24 1025		3	1	0 010	0 001<T	0 038	0 27	0 001	0 130	0 130	0 169	0 232	0 401
81 12 14 0930		3	1	0 035		0 012	0 17					0 158	
MAXIMUM				**0 345**	**0 004**	**0 062**	**0 30**	**0 003**	**0 245**	**0 240**	**0 268**	**0 238**	**0 436**
ARITH MEAN				**0 040**	**0 001<A**	**0 021**	**0 21**	**0 001<A**	**0 172**	**0 159**	**0 196**	**0 189**	**0 388**
GEOM MEAN				**0 012**	**0 001<A**	**0 016**	**0 20**	**0 001<A**	**0 162**	**0 149**	**0 188**	**0 186**	**0 386**
MINIMUM				**0 003**	**0 001**	**0 004**	**0 160**	**0 001**	**0 090**	**0 090**	**0 095**	**0 142**	**0 291**
STD DEV (GEOM *)				**0 097**	**0 001<A**	**0 016**	**0 04**	**0 001<A**	**0 060**	**0 058**	**0 054**	**0 033**	**0 039**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**11**	**8**	**10**	**8**	**10**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*
81 01 27 1145		3	1				41 0		1 400	9 500		8 0	6 63
81 02 24 1145		3	1	33	2	31	47 0	0 52	1 450	8 000		11 0	6 46
81 03 25 0840		3	1	27 00	1 00	26 000	40 0	0 38	1 400	4 500	2 190	8 0	6 24
81 04 29 1215		3	1	25		25	38	0 50	1 35	8 5		8	6 82
81 05 28 0935		3	1	29	2		42	0 40	2 90	8 5		9	7 15
81 06 16 1250		3	1	25		24	37	0 37	1 40	8 0		6	6 96
81 07 27 0940		3	1	27	2 0		38	0 97	1 55	8 5		7	6 91
81 08 18 0845		3	1	28		27	42	1 58	1 85	8 0		7	6 97
81 09 21 0855		3	1			25	38	0 44	1 50	8 0		6	6 91
81 10 26 1055		3	1	26		25	39	0 36	1 30	9 5		6	6 45
81 11 24 1025		3	1	27		26	39	1 37	1 55	10 5		7	6 75
81 12 14 0930		3	1				38	0 48	0 40	8 5		8	6 56
MAXIMUM				**33**	**2**	**31**	**47 0**	**1 58**	**2 90**	**10 5**	**2 190**	**11 0**	**7 15**
ARITH MEAN				**27**	**1**	**26**	**39**	**0 67**	**1 50**	**8 3**	**2 190**	**7**	**6 73**
GEOM MEAN				**27**	**1**	**26**	**39**	**0 58**	**1 39**	**8 1**		**7**	**6 73**
MINIMUM				**25**	**1 00**	**24**	**37**	**0 36**	**0 40**	**4 500**	**2 190**	**6**	**6 24**
STD DEV (GEOM *)				**2**	**0**	**2**	**2**	**0 43**	**0 55**	**1 4**		**1**	**0 27**
# SAMPLES (IN STATISTICS)				**9**	**4**	**8**	**12**	**11**	**12**	**12**	**1**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FWPH*	*PHNOL*	*FEUT*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 27 1145		3	1	6 2									
81 02 24 1145		3	1	6 0									
81 03 25 0840		3	1	6 5									
81 04 29 1215		3	1	5 75									
81 05 28 0935		3	1	5 65									
81 06 16 1250		3	1	5 10			0 001<	0 038	0 0004	0 009	0 003<	0 003	0 0005<
81 07 27 0940		3	1	5 90									
81 08 18 0845		3	1	5 90									
81 09 21 0855		3	1	5 40									
81 10 26 1055		3	1				0 001<	0 017	0 0020<	0 001<	0 003<	0 002	0 0020<
81 12 14 0930		3	1	6 20	1<T	0 04	0 001<			0 001<	0 003<	0 004	0 001
MAXIMUM				**6 5**	**1**	**0 04**		**0 038**	**0 0004**	**0 009**		**0 004**	**0 001**
ARITH MEAN				**5 8**	**1<A**	**0 04**		**0 027**	**0 0004**	**0 009**		**0 003**	**0 001**
GEOM MEAN				**5 8**				**0 025**				**0 003**	
MINIMUM				**5 10**	**1**	**0 04**		**0 017**	**0 0004**	**0 009**		**0 002**	**0 001**
STD DEV (GEOM *)				**0 4**				**0 015**				**0 001**	
# SAMPLES (IN STATISTICS)				**10**	**1**	**1**		**2**	**1**	**1**		**3**	**1**

B.O.W./ SITE: **INDIAN RIVER**
SAMPLE POINT: **HANNA PARK PORT CARLING**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-011-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0611650.0 4996500.0 4** REGION: **03** DISTANCE: **53.751**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1120		.3	1	30392	4 6	4<	16	4<	4	1.0	9.0	0.2<	0.004
81 02 17 1051		.3	1	30312	6	10<	10	4<	4<	2.0	9.8	1.0	0.004
81 03 10 1045		.3	1	30320	6	10I	60	4<	4<	2.5	10.4	0.2<	0.005
81 04 21 1300		.3	1	30327	6	8	720	4<	4<	7.0	10.60	0.4	0.012
81 05 20 1225		.3	1	30338	6	10<	420	4<	4<	10.0	9.60	0.2<T	0.031
81 06 23 1107		.3	1	30343	6	60A	19000	4	36	18.5	8.00	0.4	0.009
81 07 28 1110		.3	1	30351	6	100	1600	4<	4<	22.5	5.50	0.4	0.011
81 08 25 1115		.3	1	30360	6	180A	4900	8	4<	22.0	7.00	0.8	0.055
81 09 15 1040		.3	1	30367	6	10A	24000>	4<	4<	19.0	7.40	0.6	0.010
81 10 07 1125		.3	1	30377	6	130	1500>	4<	4	11.5	8.60	0.4	0.016
81 12 02 1150		.3	1	30383	6	70A	230	4<	4<	4.0	9.80	0.4	0.020
81 12 21 1135		.3	1	30391	6	10<	20A	4<	4<	0.0	12.00	0.2<T	0.014
MAXIMUM						**180**	**19000**	**8**	**36**	**22.5**	**12.00**	**1.0**	**0.055**
ARITH MEAN						**71**	**2698**	**6**	**15**	**10.9**	**8.9**	**0.5<A**	**0.016**
GEOM MEAN						**41**	**269**	**6**	**8**	**7.2**	**8.8**	**0.4<A**	**0.012**
MINIMUM						**8**	**10**	**4**	**4**	**1.0**	**5.50**	**0.2**	**0.004**
STD DEV (GEOM *)						**4***	**13***	**2***	**4***	**8.3**	**1.7**	**0.3<A**	**0.014**
# SAMPLES (IN STATISTICS)						**8**	**10**	**2**	**3**	**11**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 15 1120		.3	1	0.003	0.020	0.160	0.001<	0.275		0.296	0.140	0.436	32.00
81 02 17 1051		.3	1	0.001	0.020	0.170	0.001	0.304		0.325	0.150	0.475	33.00
81 03 10 1045		.3	1	0.001	0.010	0.240	0.001	0.299		0.310	0.230	0.540	36.00
81 04 21 1300		.3	1	0.002	0.020	0.22	0.002	0.330	0.330	0.352	0.200	0.552	41
81 05 20 1225		.3	1	0.020	0.006	0.18	0.001<T	0.275	0.275	0.282	0.174	0.456	31
81 06 23 1107		.3	1	0.001	0.060	0.25	0.002	0.240	0.240	0.302	0.190	0.492	32
81 07 28 1110		.3	1	0.003	0.026	0.22	0.001	0.135	0.135	0.162	0.194	0.356	
81 08 25 1115		.3	1	0.041	0.028	0.21	0.003	0.085	0.090	0.116	0.182	0.298	
81 09 15 1040		.3	1	0.003		0.22							
81 10 07 1125		.3	1	0.002	0.030	0.15	0.001<T	0.205	0.205	0.236	0.120	0.356	
81 12 02 1150		.3	1	0.001<T	0.012	0.21	0.001<T	0.275	0.275	0.288	0.198	0.486	27
81 12 21 1135		.3	1	0.005	0.016	0.22	0.001<T	0.270	0.270	0.287	0.204	0.491	29
MAXIMUM				**0.041**	**0.060**	**0.25**	**0.003**	**0.330**	**0.330**	**0.352**	**0.230**	**0.552**	**41**
ARITH MEAN				**0.007<A**	**0.023**	**0.20**	**0.001<A**	**0.245**	**0.227**	**0.289**	**0.180**	**0.449**	**32**
GEOM MEAN				**0.003<A**	**0.019**	**0.20**	**0.001<A**	**0.230**	**0.212**	**0.257**	**0.177**	**0.442**	**32**
MINIMUM				**0.001**	**0.006**	**0.15**	**0.001**	**0.085**	**0.090**	**0.116**	**0.120**	**0.298**	**27**
STD DEV (GEOM *)				**0.012<A**	**0.015**	**0.03**	**0.001<A**	**0.075**	**0.080**	**0.071**	**0.032**	**0.081**	**4**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**10**	**11**	**8**	**11**	**11**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 15 1120		.3	1	0.70	31.000	47.0		19.500	8.000	8.0	6.52		
81 02 17 1051		.3	1	1.00	32.000	49.0		3.850	8.000	7.0	6.39	6.1	
81 03 10 1045		.3	1	0.60	35.000	54.0	0.48	2.900	8.500	7.0	6.59	6.0	
81 04 21 1300		.3	1		40	61	1.70	4.80	9.5	11	7.36	6.10	
81 05 20 1225		.3	1		29	44	0.80		8.5	12	7.03	6.75	
81 06 23 1107		.3	1		31	47	1.20	3.05	8.5	10	7.03	5.90	
81 07 28 1110		.3	1				0.74	3.35	9.0	9	6.82		
81 08 25 1115		.3	1		34	53	0.87	3.50		9	7.07	5.15	
81 09 15 1040		.3	1			45	0.25	2.70		8	7.13	4.80	
81 10 07 1125		.3	1		29	44	0.28	2.60	8.0	7	6.54	5.20	
81 12 02 1150		.3	1		27	44	0.70	2.75	8.5	4	6.85	5.80	0.001<
81 12 21 1135		.3	1		29	45	0.44	2.80	9.5	5	7.02	6.00	0.004
MAXIMUM				**1.00**	**40**	**61**	**1.70**	**19.500**	**9.5**	**12**	**7.36**	**6.75**	**0.004**
ARITH MEAN				**0.77**	**31**	**48**	**0.75**	**4.70**	**8.6**	**8**	**6.86**	**5.7**	**0.004**
GEOM MEAN				**0.75**	**31**	**48**	**0.64**	**3.74**	**8.5**	**7**	**6.86**	**5.7**	
MINIMUM				**0.60**	**27**	**44**	**0.25**	**2.60**	**8.000**	**4**	**6.39**	**4.80**	**0.004**
STD DEV (GEOM *)				**0.21**	**3**	**5**	**0.44**	**4.94**	**0.5**	**2**	**0.30**	**0.5**	
# SAMPLES (IN STATISTICS)				**3**	**10**	**11**	**10**	**11**	**10**	**12**	**12**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 12 02 1150		.3	1	0.003<	0.003
81 12 21 1135		.3	1	0.003<	0.005
MAXIMUM					**0.005**
ARITH MEAN					**0.004**
GEOM MEAN					**0.004**
MINIMUM					**0.003**
STD DEV (GEOM *)					**0.001**
# SAMPLES (IN STATISTICS)					**2**

B.O.W / SITE: **LAKE OF BAYS**
SAMPLE POINT: **HIGHWAY 35, DORSET**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-014-01**
STORET CODE: **02 002 2980**

LAT: LONG: U T M: **17 0665250.0 5012100.0 4** REGION: **03** DISTANCE: **132.606**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1315		.3	1	30405	6	28	180	2<	2<	0.0	12.0		0.310
81 02 24 1215		.3	1	30411	6	96	800	2	2	3.0	12.0	0.2<	0.016
81 03 25 0935		.3	1	30413	6	12	152	2	2<	4.0	12.2		0.009
81 04 29 0920		.3	1	30418	6	56	580	2<	6	9.0	9.00	0.6	0.012
81 05 28 1005		.3	1	30425	6	10<	10<	2<	6	15.0	9.20	0.2	0.005
81 06 16 1125		.3	1	30434	6	204A	860	116		21.0	7.00	0.2<T	0.008
81 07 27 1015		.3	1	30437	6	28	724	2<	2	20.0	7.60	0.2<T	0.009
81 09 21 0930		.3	1	30450	6	130	2200	4	4<	15.0	8.00	0.2<T	0.006
81 10 26 1030		.3	1	30456	6	170	220	4<	4<	8.0	11.00	0.8	0.009
81 11 24 1250		.3	1	30465	6	160	130	10<	10<	3.0	12.00	0.4	0.004
81 12 14 1020		.3	1	30468	6	60A	280	4<	4<	1.5	11.60	0.2<T	0.026
MAXIMUM						**204**	**2200**	**116**	**6**	**21.0**	**12.2**	**0.8**	**0.310**
ARITH MEAN						**94**	**613**	**31**	**4**	**9.9**	**10.1**	**0.3<A**	**0.038**
GEOM MEAN						**68**	**412**	**7**	**3**	**7.2**	**9.9**	**0.3<A**	**0.012**
MINIMUM						**12**	**130**	**2**	**2**	**1.5**	**7.00**	**0.2**	**0.004**
STD DEV (GEOM *)						**3***	**3***	**7***	**2***	**7.3**	**2.0**	**0.2<A**	**0.091**
# SAMPLES (IN STATISTICS)						**10**	**10**	**4**	**4**	**10**	**11**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 27 1315		.3	1		0.018								
81 02 24 1215		.3	1		0.022								33.00
81 03 25 0935		.3	1		0.032								
81 04 29 0920		.3	1	0.001<W	0.008	0.23	0.003	0.205	0.210	0.216	0.222	0.438	28
81 05 28 1005		.3	1	0.001<T	0.014	0.16	0.001<T	0.205	0.205	0.220	0.146	0.366	22
81 06 16 1125		.3	1	0.001<	0.016	0.24	0.003	0.155	0.160	0.174	0.224	0.398	22
81 07 27 1015		.3	1	0.001<T	0.002<T	0.17	0.001<T	0.090	0.090	0.093	0.168	0.261	22
81 09 21 0930		.3	1	0.001<T	0.004	0.18	0.001<T	0.085	0.085	0.090	0.176	0.266	
81 10 26 1030		.3	1	0.002	0.018	0.16	0.001<T	0.140	0.140	0.159	0.142	0.301	23
81 11 24 1250		.3	1	0.001	0.012	0.15	0.001<T	0.175	0.175	0.188	0.138	0.326	21
81 12 14 1020		.3	1		0.006	0.15					0.144		
MAXIMUM				**0.002**	**0.032**	**0.24**	**0.003**	**0.205**	**0.210**	**0.220**	**0.224**	**0.438**	**33.00**
ARITH MEAN				**0.001<A**	**0.014<A**	**0.18**	**0.002<A**	**0.151**	**0.152**	**0.163**	**0.170**	**0.337**	**24**
GEOM MEAN				**0.001<A**	**0.011<A**	**0.18**	**0.001<A**	**0.143**	**0.144**	**0.154**	**0.167**	**0.331**	**24**
MINIMUM				**0.001**	**0.002**	**0.15**	**0.001**	**0.085**	**0.085**	**0.090**	**0.138**	**0.261**	**21**
STD DEV (GEOM *)				**0.000<A**	**0.009<A**	**0.04**	**0.001<A**	**0.049**	**0.050**	**0.053**	**0.035**	**0.067**	**4**
# SAMPLES (IN STATISTICS)				**6**	**11**	**8**	**7**	**7**	**7**	**7**	**8**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
81 01 27 1315		.3	1			36.0			18.500	7.0	6.69	6.2	
81 02 24 1215		.3	1	2.00	31.000	34.0	0.52	1.450	8.500	9.0	6.31	5.9	
81 03 25 0935		.3	1			34.0			8.500	11.0	6.36	6.3	
81 04 29 0920		.3	1		23	35	1.50	0.95	8.5	8	6.65	5.50	
81 05 28 1005		.3	1	1		32	0.41	0.90	9.0	6	7.08	5.60	
81 06 16 1125		.3	1		21	32	0.55	0.45	7.5	8	6.84	5.70	
81 07 27 1015		.3	1	1.0 <T		34	0.46	0.50	7.5	6	6.88	5.50	
81 09 21 0930		.3	1		22	33	0.53	0.60	7.0	6	6.88	4.80	
81 10 26 1030		.3	1		22	34	1.34	0.35	9.5	5	6.30		
81 11 24 1250		.3	1		21	32	0.41	0.60	8.5	11	6.53		
81 12 14 1020		.3	1			33	0.32	0.55	8.5	8	6.61	5.90	1<T
MAXIMUM				**2.00**	**31.000**	**36.0**	**1.50**	**1.450**	**18.500**	**11.0**	**7.08**	**6.3**	**1**
ARITH MEAN				**1 <A**	**23**	**33**	**0.67**	**0.70**	**9.2**	**7**	**6.65**	**5.7**	**1<A**
GEOM MEAN				**1 <A**	**23**	**33**	**0.58**	**0.64**	**8.8**	**7**	**6.64**	**5.7**	
MINIMUM				**1**	**21**	**32**	**0.32**	**0.35**	**7.0**	**5**	**6.30**	**4.80**	**1**
STD DEV (GEOM *)				**0 <A**	**3**	**1**	**0.43**	**0.34**	**3.1**	**2**	**0.26**	**0.4**	
# SAMPLES (IN STATISTICS)				**3**	**6**	**11**	**9**	**9**	**11**	**11**	**11**	**9**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI.
81 06 16 1125		.3	1		0.001<	0.060	0.0007	0.008	0.003<	0.003	0.0005<
81 10 26 1030		.3	1		0.001<	0.100	0.0020<	0.001	0.003<	0.004	0.0020<
81 12 14 1020		.3	1	0.05	0.001<			0.001<	0.004	0.019	0.001
MAXIMUM				**0.05**		**0.100**	**0.0007**	**0.008**	**0.004**	**0.019**	**0.001**
ARITH MEAN				**0.05**		**0.080**	**0.0007**	**0.004**	**0.004**	**0.009**	**0.001**
GEOM MEAN						**0.077**		**0.003**		**0.006**	
MINIMUM				**0.05**		**0.060**	**0.0007**	**0.001**	**0.004**	**0.003**	**0.001**
STD DEV (GEOM *)						**0.028**		**0.005**		**0.009**	
# SAMPLES (IN STATISTICS)				**1**		**2**	**1**	**2**	**1**	**3**	**1**

B.O.W./ SITE: **ROSSEAU RIVER**
SAMPLE POINT: **HIGHWAY 141 NEAR ROSSEAU FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-028-02**
STORET CODE: **02 002 2980**

LAT: LONG: U T M: **17 0611175.0 5010275.0 4** REGION: **03** DISTANCE: **72.740**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1210		.3	1	30393	6	20I	410	4<	4	1.0	10.4		0.020
81 02 17 1135		.3	1	30313	6	760	1450	8	20	1.0	10.6		0.052
81 03 10 1130		.3	1	30321	3 6	120	1100	4<	4<	0.5	10.8	0.4	0.031
81 04 21 1135		.3	1	30326	6	240	1800	4	4<	6.0	9.80	0.4	0.019
81 05 20 1310		.3	1	30339	6	530A	7300	4<	16	10.0	8.40	0.6	0.022
81 06 23 1015		.3	1	30342	6	210A	6900	88	60	18.0	6.20	1.0	0.062
81 07 28 1020		.3	1	30350	6	120A	11000	10<	4<	20.0	6.00	0.6	0.115
81 08 25 1225		.3	1	30361	6	1000	25000	4	8	20.0	6.20	1.0	0.058
81 09 15 0955		.3	1	30366	3 6	500A	35000	10A	10A	16.0	7.60	1.0	0.035
81 10 07 1305		.3	1	30378	6	5300A	29000	80A	210	8.5	8.80	0.8	0.052
81 12 02 1105		.3	1	30384	6	1800	3300	8	40	0.0	11.60	0.6	0.230
81 12 21 1045		3	1	30392	6	550	1800	4<	4<	0.0	11.80	0.6	0.028
MAXIMUM						**5300**	**35000**	**88**	**210**	**20.0**	**11.80**	**1.0**	**0.230**
ARITH MEAN						**929**	**10338**	**29**	**46**	**10.1**	**9.0**	**0.7**	**0.060**
GEOM MEAN						**397**	**4635**	**13**	**22**	**5.6**	**8.7**	**0.7**	**0.045**
MINIMUM						**20**	**410**	**4**	**4**	**0.5**	**6.00**	**0.4**	**0.019**
STD DEV (GEOM *)						**4***	**4***	**4***	**4***	**8.0**	**2.1**	**0.2**	**0.060**
# SAMPLES (IN STATISTICS)						**12**	**12**	**7**	**8**	**10**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 15 1210		.3	1		0.202								
81 02 17 1135		.3	1		0.252								
81 03 10 1130		.3	1	0.001<	0.090	0.430	0.003	0.182		0.275	0.340	0.615	24.00
81 04 21 1135		.3	1	0.002	0.026	0.29	0.003	0.100	0.105	0.129	0.264	0.393	23
81 05 20 1310		.3	1	0.004	0.016	0.36	0.001	0.030	0.030	0.047	0.344	0.391	24
81 06 23 1015		.3	1	0.003	0.010	0.78	0.004	0.230	0.230	0.244	0.770	1.014	32
81 07 28 1020		.3	1	0.048	0.086	0.72	0.008	0.120	0.130	0.214	0.634	0.848	27
81 08 25 1225		.3	1	0.003	0.012	0.65	0.047	0.100	0.145	0.159	0.638	0.797	35
81 09 15 0955		.3	1	0.005	0.044	0.55	0.004	0.030	0.035	0.078	0.506	0.584	
81 10 07 1305		.3	1	0.004	0.040	0.31	0.002	0.175	0.175	0.217	0.270	0.487	
81 12 02 1105		.3	1	0.096	0.058	0.42	0.002	0.140	0.140	0.200	0.362	0.562	22
81 12 21 1045		3	1		0.100	0.48					0.380		
MAXIMUM				**0.096**	**0.252**	**0.78**	**0.047**	**0.230**	**0.230**	**0.275**	**0.770**	**1.014**	**35**
ARITH MEAN				**0.021**	**0.078**	**0.49**	**0.008**	**0.123**	**0.124**	**0.174**	**0.451**	**0.632**	**26**
GEOM MEAN				**0.007**	**0.049**	**0.47**	**0.004**	**0.101**	**0.102**	**0.153**	**0.422**	**0.602**	**26**
MINIMUM				**0.002**	**0.010**	**0.29**	**0.001**	**0.030**	**0.030**	**0.047**	**0.264**	**0.391**	**22**
STD DEV (GEOM *)				**0.034**	**0.077**	**0.17**	**0.015**	**0.067**	**0.067**	**0.077**	**0.176**	**0.213**	**4**
# SAMPLES (IN STATISTICS)				**8**	**12**	**10**	**9**	**9**	**8**	**9**	**10**	**9**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 15 1210		.3	1			37.0			9.500		8.0	6.09	
81 02 17 1135		.3	1			38.0			9.500		10.0	6.17	5.7
81 03 10 1130		.3	1	2.00	22.000	34.0	1.10	0.900	10.000	4.190	6.0	5.73	5.6
81 04 21 1135		.3	1		20	30	1.70	0.75			4	6.56	6.00
81 05 20 1310		.3	1		20	30	1.80		8.5		6	6.49	6.50
81 06 23 1015		.3	1		23	36	3.40	1.20	8.5		11	6.86	5.00
81 07 28 1020		.3	1		23	36	2.50	1.20	8.5		11	6.61	5.35
81 08 25 1225		.3	1		28	43	1.84	1.25			11	6.78	5.25
81 09 15 0955		.3	1		19	29	2.10		12.0		5	6.19	4.30
81 10 07 1305		.3	1		20	31	1.64	0.70	10.5		5	5.82	4.70
81 12 02 1105		.3	1		21	32	1.71	0.70	10.5		5	5.95	5.70
81 12 21 1045		3	1			33	1.74	0.75	11.5		12	7.03	5.40
MAXIMUM				**2.00**	**28**	**43**	**3.40**	**1.25**	**12.0**	**4.190**	**12**	**7.03**	**6.50**
ARITH MEAN				**2.00**	**21**	**34**	**1.95**	**0.93**	**9.9**	**4.190**	**7**	**6.36**	**5.4**
GEOM MEAN					**21**	**33**	**1.88**	**0.90**	**9.8**		**7**	**6.34**	**5.3**
MINIMUM				**2.00**	**19**	**29**	**1.10**	**0.70**	**8.5**	**4.190**	**4**	**5.73**	**4.30**
STD DEV (GEOM *)					**2**	**4**	**0.62**	**0.24**	**1.2**		**3**	**0.43**	**0.6**
# SAMPLES (IN STATISTICS)				**1**	**9**	**12**	**10**	**8**	**10**	**1**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 10 07 1305		.3	1			0.001<	0.210	0.0010<	0.001<	0.003<	0.011	0.0010<
81 12 02 1105		.3	1						0.001<	0.003<	0.009	
81 12 21 1045		3	1	1<T	0.59	0.001<			0.001	0.003<	0.012	0.002
MAXIMUM				1	**0.59**		**0.210**		**0.001**		**0.012**	**0.002**
ARITH MEAN				1<A	**0.59**		**0.210**		**0.001**		**0.011**	**0.002**
GEOM MEAN											**0.011**	
MINIMUM				1	**0.59**		**0.210**		**0.001**		**0.009**	**0.002**
STD DEV (GEOM *)											**0.002**	
# SAMPLES (IN STATISTICS)				1	1		1		1		3	1

B.O.W./ SITE: **EAST RIVER**
SAMPLE POINT: **HIGHWAY 11 5 MILES NORTH OF HUNTSVILLE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02EB101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-032-02**
STORET CODE: **02 002 2980**

LAT: LONG: U T M: **17 0639200.0 5026400.0 4** REGION: **03** DISTANCE: **140.170**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1245		.3	1	30402	6	48	96	2	2<	0 0	12 0	0 6	0 008
81 02 24 1035		.3	1	30408	3 6	540	2100	4<	12	1 0	12 0		0 031
81 03 25 1030		.3	1	30414	6	10I	110	2<	4<	2 0	12 0		0 013
81 04 29 1250		.3	1	30423	6	148		2<	6	9 0	9 80	0 6	0 007
81 05 28 1100		.3	1	30426	6	280	1500>	4	48	18 0	9 20	0 4	0 010
81 06 16 1015		.3	1	30433	6	72A	5600	62	148	21 0	7 20	0 2<T	0 015
81 07 27 1110		.3	1	30438	6	440A	6700	24	20	20 0	7 00	0 2	0 013
81 08 18 1025		.3	1	30445	6	290A	3400	56	32	18 0	6 80	0 2	0 008
81 09 21 1035		.3	1	30451	6	380A	5000	24	16	12 0	8 20	0 2<T	0 018
81 10 26 1120		.3	1	30457	6	560	2000	4<	4<	10 0	10 60	0 6	0 013
81 11 24 1345		.3	1	30466	6	80A	470	10<	10<	3 5	12 00	0 4	0 005
81 12 14 1115		.3	1	30469	6	140	480	4<	4<	0 5	11 60	0 4	0 119
MAXIMUM						**560**	**6700**	**62**	**148**	**21.0**	**12.0**	**0.6**	**0.119**
ARITH MEAN						**249**	**2596**	**29**	**40**	**10.5**	**9.8**	**0.4<A**	**0.022**
GEOM MEAN						**158**	**1204**	**16**	**24**	**6.2**	**9.6**	**0.3<A**	**0.014**
MINIMUM						**10**	**96**	**2**	**6**	**0.5**	**6.80**	**0.2**	**0.005**
STD DEV (GEOM *)						**3***	**5***	**4***	**3***	**7.9**	**2.1**	**0.2<A**	**0.031**
# SAMPLES (IN STATISTICS)						**12**	**10**	**6**	**7**	**11**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1245		.3	1	0 078	0 054	0 280	0 002	0 188		0 244	0 226	0 470	31 00
81 02 24 1035		.3	1		0 076								
81 03 25 1030		.3	1		0 068								
81 04 29 1250		.3	1	0 001<W	0 016	0 21	0 002	0 195	0 195	0 213	0 194	0 407	22
81 05 28 1100		.3	1	0 001<T	0 024	0 25	0 001<T	0 105	0 105	0 130	0 226	0 356	27
81 06 16 1015		.3	1	0 001<T	0 040	0 27	0 003	0 085	0 090	0 128	0 230	0 358	27
81 07 27 1110		.3	1	0 001<T	0 012	0 26	0 001	0 055	0 055	0 068	0 248	0 316	30
81 08 18 1025		.3	1	0 001<T	0 022	0 25	0 001	0 160	0 160	0 183	0 228	0 411	27
81 09 21 1035		.3	1	0 001<T	0 028	0 30	0 001<T	0 065	0 065	0 094	0 272	0 366	
81 10 26 1120		.3	1	0 001	0 032	0 23	0 001<T	0 105	0 105	0 138	0 198	0 336	25
81 11 24 1345		.3	1	0 001<T	0 008	0 17	0 001<T	0 205	0 205	0 214	0 162	0 376	24
81 12 14 1115		.3	1		0 048	0 26					0 212		
MAXIMUM				**0.078**	**0.076**	**0.30**	**0.003**	**0.205**	**0.205**	**0.244**	**0.272**	**0.470**	**31.00**
ARITH MEAN				**0.010<A**	**0.036**	**0.24**	**0.001<A**	**0.129**	**0.122**	**0.157**	**0.220**	**0.377**	**26**
GEOM MEAN				**0.002<A**	**0.029**	**0.24**	**0.001<A**	**0.117**	**0.111**	**0.146**	**0.218**	**0.375**	**26**
MINIMUM				**0.001**	**0.008**	**0.17**	**0.001**	**0.055**	**0.055**	**0.068**	**0.162**	**0.316**	**22**
STD DEV (GEOM *)				**0.026<A**	**0.022**	**0.03**	**0.001<A**	**0.058**	**0.057**	**0.060**	**0.030**	**0.046**	**2**
# SAMPLES (IN STATISTICS)				**9**	**12**	**10**	**9**	**9**	**8**	**9**	**10**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 27 1245		.3	1	0 50	30 000	46 0		2 700	10 000	7 0	6 46	6 3	
81 02 24 1035		.3	1			36 0			9 000	5 0	6 05	6 2	
81 03 25 1030		.3	1			41 0			4 500	9 0	6 46	6 4	
81 04 29 1250		.3	1		21	33	0 50	0 50	8 5	6	6 64	5 80	
81 05 28 1100		.3	1	4		36	0 96	1 55	5 5	6	6 91	5 50	
81 06 16 1015		.3	1		24	38	1 20	1 15	8 0	8	6 82	5 70	
81 07 27 1110		.3	1	1 0		44	1 11	2 00	8 0	12	6 91	5 75	
81 08 18 1025		.3	1		27	42	1 46	2 45	8 5	8	7 06	5 45	
81 09 21 1035		.3	1		21	32	1 40	0 80	8 5	6	6 65	4 50	
81 10 26 1120		.3	1		22	34	1 61	0 80	10 0	6	6 40		
81 11 24 1345		.3	1		24	37	0 46	1 45	8 5	11	6 55		
81 12 14 1115		.3	1			41	1 24	1 15	10 0	9	6 98	5 30	1<T
MAXIMUM				**4**	**30.000**	**46.0**	**1.61**	**2.700**	**10.000**	**12**	**7.06**	**6.4**	**1**
ARITH MEAN				**1**	**24**	**38**	**1.10**	**1.45**	**8.2**	**7**	**6.66**	**5.6**	**1<A**
GEOM MEAN				**1**	**23**	**38**	**1.02**	**1.28**	**8.0**	**7**	**6.65**	**5.6**	
MINIMUM				**0.50**	**21**	**32**	**0.46**	**0.50**	**4.500**	**5.0**	**6.05**	**4.50**	**1**
STD DEV (GEOM *)				**1**	**3**	**4**	**0.40**	**0.73**	**1.6**	**2**	**0.29**	**0.5**	
# SAMPLES (IN STATISTICS)				**3**	**7**	**12**	**9**	**10**	**12**	**12**	**12**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 06 16 1015		3	1		0 001<	0 200	0 0030	0 002	0 007	0 006	0 0010
81 10 26 1120		3	1		0 001<	0 110	0 0020<	0 001	0 003<	0 006	0 0020<
81 12 14 1115		3	1	0 36	0 001<			0 001	0 004	0 009	0 001
MAXIMUM				**0.36**		**0.200**	**0.0030**	**0.002**	**0.007**	**0.009**	**0.001**
ARITH MEAN				**0.36**		**0.155**	**0.0030**	**0.001**	**0.005**	**0.007**	**0.001**
GEOM MEAN						**0.148**		**0.001**	**0.005**	**0.007**	**0.001**
MINIMUM				**0.36**		**0.110**	**0.0030**	**0.001**	**0.004**	**0.006**	**0.0010**
STD DEV (GEOM *)						**0.064**		**0.001**	**0.002**	**0.002**	**0.000**
# SAMPLES (IN STATISTICS)				**1**		**2**	**1**	**3**	**2**	**3**	**2**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MUSKOKA RIVER**
SAMPLE POINT: **AT DOCK TRANS-CANADA PIPELINE CROSSING**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MUSKOKA RIVER**

STATION ID: **03-0085-035-02**
STORET CODE: **02 002 2980**

LAT: LONG: U.T.M: **17 0631700.0 4987100.0 4** REGION: **03** DISTANCE: **63.085**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1315		.3	1	30394	4 6	20I	130	8	4	1.0	10.6	0.4	0.007
81 02 17 1250		.3	1	30314	4 6	170	210	8	16	0.0	11.2	1.6	0.021
81 03 10 1315		.3	1	30322	3 6	170	530	4	4<	2.0	11.2	0.3	0.010
81 04 21 1045		.3	1	30325	6	80A	1600	4<	4<	5.0	11.2	0.4	0.012
81 05 20 0850		.3	1	30332	6	190	1600	4<	4	10.0	9.80	0.2<T	0.068
81 06 23 0900		.3	1	30341	6	1230A	24000>	220	168	19.0	7.80	0.6	0.025
81 07 28 0905		.3	1	30349	6	480A	42000	40	10A	21.5	7.20	0.4	0.010
81 08 25 1325		.3	1	30362	6	11000	240000>	32	8	21.5	7.20	0.8	0.079
81 09 15 0855		.3	1	30365	6	1400	4900	10A	10A	17.5	8.00	0.6	0.014
81 10 07 1355		.3	1	30379	6	480A	3900	10A	10A	11.0	10.20	0.6	0.018
81 12 02 0950		.3	1	30385	6	370	1600	12	4	2.0	10.80	0.6	0.165
81 12 21 0955		.3	1	30393	6	500A	140000	4<	4<	0.0	12.00	0.4	0.012
MAXIMUM						**11000**	**140000**	**220**	**168**	**21.5**	**12.00**	**1.6**	**0.165**
ARITH MEAN						**1341**	**19647**	**38**	**26**	**11.0**	**9.7**	**0.6<A**	**0.037**
GEOM MEAN						**372**	**2412**	**16**	**10**	**7.1**	**9.6**	**0.5<A**	**0.022**
MINIMUM						**20**	**130**	**4**	**4**	**1.0**	**7.20**	**0.2**	**0.007**
STD DEV (GEOM *)						**5***	**9***	**3***	**3***	**8.3**	**1.7**	**0.4<A**	**0.047**
# SAMPLES (IN STATISTICS)						**12**	**10**	**9**	**9**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 15 1315		.3	1	0.002	0.032	0.200	0.001	0.229		0.262	0.168	0.430	29.00
81 02 17 1250		.3	1	1.000<	0.100	0.880	0.002	0.258		0.360	0.780	1.140	36.00
81 03 10 1315		.3	1	0.001	0.018	0.230	0.002	0.248		0.268	0.212	0.480	30.00
81 04 21 1045		.3	1	0.003	0.006	0.20	0.002	0.245	0.245	0.253	0.194	0.447	27
81 05 20 0850		.3	1	0.052	0.012	0.25	0.001<T	0.210	0.210	0.223	0.238	0.461	29
81 06 23 0900		.3	1	0.004	0.024	0.30	0.006	0.200	0.205	0.230	0.276	0.506	35
81 07 28 0905		.3	1	0.001<T	0.016	0.26	0.001	0.165	0.165	0.182	0.244	0.426	33
81 08 25 1325		.3	1	0.063	0.038	0.23	0.003	0.125	0.130	0.166	0.192	0.358	31
81 09 15 0855		.3	1	0.002	0.036	0.26	0.002	0.140	0.140	0.178	0.224	0.402	
81 10 07 1355		.3	1	0.002	0.032	0.24	0.001	0.154	0.155	0.187	0.208	0.395	
81 12 02 0950		.3	1	0.140	0.018	0.26	0.002	0.240	0.240	0.260	0.242	0.502	28
81 12 21 0955		3	1	0.007	0.020	0.24	0.001<T	0.235	0.235	0.256	0.220	0.476	27
MAXIMUM				**0.140**	**0.100**	**0.880**	**0.006**	**0.258**	**0.245**	**0.360**	**0.780**	**1.140**	**36.00**
ARITH MEAN				**0.025<A**	**0.029**	**0.29**	**0.002<A**	**0.204**	**0.192**	**0.235**	**0.266**	**0.502**	**30**
GEOM MEAN				**0.006<A**	**0.023**	**0.26**	**0.002<A**	**0.199**	**0.187**	**0.230**	**0.242**	**0.478**	**30**
MINIMUM				**0.001**	**0.006**	**0.200**	**0.001**	**0.125**	**0.130**	**0.166**	**0.168**	**0.358**	**27**
STD DEV (GEOM *)				**0.044<A**	**0.024**	**0.18**	**0.001<A**	**0.047**	**0.045**	**0.054**	**0.164**	**0.206**	**3**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**9**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 15 1315		.3	1	1.00	28.000	43.0		6.400	9.500		8.0	6.32	
81 02 17 1250		.3	1	4.00	32.000	49.0		3.050	8.500		9.0	6.43	5.9
81 03 10 1315		.3	1	1.00	29.000	44.0	0.68	2.200	9.500	1.250	3.0	6.54	5.7
81 04 21 1045		.3	1		27	41	1.00	2.20	9.0		7	7.11	6.10
81 05 20 0850		.3	1		27	41	0.80		9.0		7	7.11	6.40
81 06 23 0900		.3	1		31	46	3.60	2.90	9.0		9	6.94	5.60
81 07 28 0905		.3	1		33	50	0.96	3.40	8.5		9	6.81	5.50
81 08 25 1325		.3	1		30	46	0.68	2.90			8	6.96	5.70
81 09 15 0855		.3	1		27	41	0.82		10.0		5	7.02	5.00
81 10 07 1355		.3	1		29	41	1.07	2.30	9.5		9	6.76	5.30
81 12 02 0950		.3	1		27	42	1.15	2.20	10.0		5	6.65	6.10
81 12 21 0955		.3	1		27	42	1.10	2.05	10.5		8	6.72	5.95
MAXIMUM				**4.00**	**33**	**50**	**3.60**	**6.400**	**10.5**	**1.250**	**9.0**	**7.11**	**6.40**
ARITH MEAN				**2.00**	**28**	**43**	**1.19**	**2.96**	**9.3**	**1.250**	**7**	**6.78**	**5.7**
GEOM MEAN				**1.59**	**28**	**43**	**1.04**	**2.78**	**9.3**		**6**	**6.78**	**5.7**
MINIMUM				**1.00**	**27**	**41**	**0.68**	**2.05**	**8.500**	**1.250**	**3.0**	**6.32**	**5.00**
STD DEV (GEOM *)				**1.73**	**2**	**3**	**0.86**	**1.29**	**0.6**		**2**	**0.26**	**0.4**
# SAMPLES (IN STATISTICS)				**3**	**12**	**12**	**10**	**10**	**11**	**1**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 10 07 1355		.3	1	0.001<	0.069	0.0010<	0.001	0.003<	0.024	0.0010<
81 12 02 0950		.3	1				0.001	0.003<	0.005	
81 12 21 0955		.3	1				0.003	0.003<	0.009	
MAXIMUM					**0.069**		**0.003**		**0.024**	
ARITH MEAN					**0.069**		**0.002**		**0.013**	
GEOM MEAN							**0.001**		**0.010**	
MINIMUM					**0.069**		**0.001**		**0.005**	
STD DEV (GEOM *)							**0.001**		**0.010**	
# SAMPLES (IN STATISTICS)					1		3		3	

B.O.W./ SITE: **MOON RIVER**
SAMPLE POINT: **HWY 69 6 MILES N.OF HWY.69&660 JUNCTION**
STATION TYPE: **RIVER FLOW GAUGE FED 02EB011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MOON RIVER**

STATION ID: **03-0092-001-02**
STORET CODE: **02 002 3230**

LAT: LONG: U.T.M.: **17 0595650.0 4990450.0 4** REGION: **03** DISTANCE: **16.737**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 15 1020		.3	1	30390	4 6	5.300	10I	50	4<	20	0.0	11.4	0.6
81 02 17 0955		.3	1	30310	4 6	5.650	110	190	4<	4<	0.0	11.6	2.1
81 03 10 1008		.3	1	30318	3 6	122.000	20I	110	4<	4<	2.0	11.8	0.2
81 04 21 1355		.3	1	30329	6	24.500	20A	50A	4<	4<	6.0	11.2	0.2<T
81 05 20 1110		.3	1	30336	6	14.400	140	1510	4<	4<	11.0	9.6	0.2<T
81 06 23 1250		.3	1	30345	6	6.160	1500>	1500>	32	8	19.0	7.60	0.4
81 07 28 1230		.3	1	30353	6	5.470	10<	2200	4<	8	22.5	7.40	0.2
81 08 25 1030		.3	1	30358	6	0.922	220A	3800	4	4<	21.0	6.80	0.6
81 09 15 1200		.3	1	30369	3 6	168.000					19.0	8.60	0.6
81 10 07 1040		.3	1	30375	6	23.600	590A	1500>	40A	10A	11.5	9.00	0.2<T
81 12 02 1325		.3	1	30386	6	5.980	550	2100	4<	4	2.0	11.20	0.8
	MAXIMUM					**168.000**	**590**	**3800**	**40**	**20**	**22.5**	**11.8**	**2.1**
	ARITH MEAN					**34.726**	**207**	**1251**	**25**	**10**	**12.7**	**9.6**	**0.6<A**
	GEOM MEAN					**12.270**	**90**	**439**	**17**	**9**	**9.3**	**9.4**	**0.4<A**
	MINIMUM					**0.922**	**10**	**50**	**4**	**4**	**2.0**	**6.80**	**0.2**
	STD DEV (GEOM *)					**56.011**	**5***	**6***	**4***	**2***	**8.1**	**1.8**	**0.6<A**
	# SAMPLES (IN STATISTICS)					**11**	**8**	**8**	**3**	**5**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 15 1020		.3	1	0.025	0.002	0.020	0.380	0.001	0.254		0.275	0.360	0.635
81 02 17 0955		.3	1	0.032	1.000<	0.178	0.950	0.009	0.886		1.073	0.772	1.845
81 03 10 1008		.3	1	0.008	0.001	0.012	0.210	0.001	0.279		0.292	0.198	0.490
81 04 21 1355		.3	1	0.006	0.001	0.014	0.19	0.002	0.250	0.250	0.266	0.176	0.442
81 05 20 1110		.3	1	0.012	0.003	0.024	0.25	0.001<T	0.225	0.225	0.250	0.226	0.476
81 06 23 1250		.3	1	0.009	0.002	0.048	0.30	0.003	0.205	0.210	0.256	0.252	0.508
81 07 28 1230		.3	1	0.005	0.001	0.020	0.20	0.001<T	0.170	0.170	0.191	0.180	0.371
81 08 25 1030		.3	1	0.005	0.001	0.028	0.19	0.002	0.095	0.095	0.125	0.162	0.287
81 09 15 1200		.3	1	0.013	0.004	0.046	0.26	0.002	0.180	0.180	0.228	0.214	0.442
81 10 07 1040		.3	1	0.146	0.130	0.026	0.24	0.001	0.190	0.190	0.217	0.214	0.431
81 12 02 1325		.3	1	0.110	0.064	0.034	0.33	0.002	0.170	0.170	0.206	0.296	0.502
	MAXIMUM			**0.146**	**0.130**	**0.178**	**0.950**	**0.009**	**0.886**	**0.250**	**1.073**	**0.772**	**1.845**
	ARITH MEAN			**0.034**	**0.021**	**0.041**	**0.31**	**0.002<A**	**0.264**	**0.186**	**0.307**	**0.277**	**0.584**
	GEOM MEAN			**0.016**	**0.004**	**0.030**	**0.28**	**0.002<A**	**0.223**	**0.180**	**0.259**	**0.248**	**0.511**
	MINIMUM			**0.005**	**0.001**	**0.012**	**0.19**	**0.001**	**0.095**	**0.095**	**0.125**	**0.162**	**0.287**
	STD DEV (GEOM *)			**0.048**	**0.043**	**0.047**	**0.21**	**0.002<A**	**0.212**	**0.046**	**0.258**	**0.174**	**0.427**
	# SAMPLES (IN STATISTICS)			**11**	**10**	**11**	**11**	**11**	**11**	**8**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*
81 01 15 1020		.3	1	40.00	11.00		45.0	1.60	16.000	9.500		7.0	6.28
81 02 17 0955		.3	1	58.00	5.00		82.0	0.97	11.000	12.000		9.0	5.85
81 03 10 1008		.3	1	30.00	0.70	29.000	45.0	0.62	2.650	9.000	1.230	6.0	6.41
81 04 21 1355		.3	1	29		29	45	0.65	2.95	9.0		10	7.00
81 05 20 1110		.3	1	30		28	43	0.80		8.5		7	6.90
81 06 23 1250		.3	1	29		29	45	0.63	3.25	8.5		8	6.96
81 07 28 1230		.3	1	32		32	44	0.46	2.65	8.5		7	6.91
81 08 25 1030		.3	1	29		29	45	0.55	2.90			8	7.08
81 09 15 1200		.3	1			29	45	0.28		9.5		7	7.33
81 10 07 1040		.3	1			31	45	0.46	2.75	10.0		7	7.02
81 12 02 1325		.3	1	28		27	42	0.93	3.20	9.5		4	6.42
	MAXIMUM			**58.00**	**11.00**	**32**	**82.0**	**1.60**	**16.000**	**12.000**	**1.230**	**10**	**7.33**
	ARITH MEAN			**33**	**5.57**	**29**	**47**	**0.72**	**5.26**	**9.4**	**1.230**	**7**	**6.74**
	GEOM MEAN			**32**	**3.38**	**29**	**46**	**0.66**	**4.06**	**9.3**		**7**	**6.73**
	MINIMUM			**28**	**0.70**	**27**	**42**	**0.28**	**2.650**	**8.5**	**1.230**	**4**	**5.85**
	STD DEV (GEOM *)			**9**	**5.17**	**1**	**11**	**0.36**	**4.84**	**1.0**		**1**	**0.44**
	# SAMPLES (IN STATISTICS)			**9**	**3**	**9**	**11**	**11**	**9**	**10**	**1**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH FIELD	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FWPH*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 02 17 0955		.3	1	5.8							
81 03 10 1008		.3	1	6.3							
81 04 21 1355		.3	1	6.2							
81 05 20 1110		.3	1	6.50							
81 06 23 1250		.3	1	5.10							
81 07 28 1230		.3	1	5.65							
81 08 25 1030		.3	1	5.95							
81 09 15 1200		.3	1	5.15							
81 10 07 1040		.3	1	5.40	0.001<	0.062	0.0010<	0.001<	0.003<	0.006	0.0010<
81 12 02 1325		.3	1	6.35				0.001	0.003<	0.004	
	MAXIMUM			**6.50**		**0.062**		**0.001**		**0.006**	
	ARITH MEAN			**5.8**		**0.062**		**0.001**		**0.005**	
	GEOM MEAN			**5.8**						**0.005**	
	MINIMUM			**5.10**		**0.062**		**0.001**		**0.004**	
	STD DEV (GEOM *)			**0.5**						**0.001**	
	# SAMPLES (IN STATISTICS)			**10**		**1**		**1**		**2**	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BOYNE RIVER**
SAMPLE POINT: **OTTER LAKE OUTLET SOUTH OF PARRY SOUND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BOYNE RIVER**

STATION ID: **03-0096-002-02**
STORET CODE: **02 002 3500**

LAT: LONG: U.T.M.: **17 0582010.0 5016850.0 4** REGION: **05** DISTANCE: **10.943**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 26 1330	.3	1		24676	6	0.5	10.0	0.002	0.002	0.046	0.310	0.001	0.100
81 02 26 1415	.3	1		24677	6 3	1.0	10.0	0.003	0.001<	0.050	0.250	0.002	0.208
81 06 08 1100	.3	1		24679	8	17.0	10.00	0.008		0.032	0.26		
81 07 08 1315	.3	1		24680	8	19.0	8.00	0.080		0.040	0.52		
81 08 10 1330	.3	1		24681				0.006		0.044	0.28		
81 09 03 1030	.3	1		24682	6 3	21.0	6.50	0.012		0.030	0.22		
81 10 20 1200	.3	1		24683	3	10.0	9.50	0.020		0.040	0.28		
81 11 09 1030	.3	1		24674	3	5.0	9.00	0.009		0.020	0.25		
81 12 22 1000	.3	1		24675	6 3	1.5	10.00	0.020		0.066	0.35		
MAXIMUM						**21.0**	**10.0**	**0.080**	**0.002**	**0.066**	**0.52**	**0.002**	**0.208**
ARITH MEAN						**9.4**	**9.1**	**0.018**	**0.002**	**0.041**	**0.30**	**0.001**	**0.154**
GEOM MEAN						**4.7**	**9.0**	**0.010**		**0.039**	**0.29**	**0.001**	**0.144**
MINIMUM						**0.5**	**6.50**	**0.002**	**0.002**	**0.020**	**0.22**	**0.001**	**0.100**
STD DEV (GEOM *)						**8.6**	**1.2**	**0.024**		**0.013**	**0.09**	**0.001**	**0.076**
# SAMPLES (IN STATISTICS)						**8**	**8**	**9**	**1**	**9**	**9**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*
81 01 26 1330	.3	1		0.147	0.264	0.411	27.0		27.000	42.0	0.39	1.500	
81 02 26 1415	.3	1		0.260	0.200	0.460	38.0	3.0	35.000	54.0	0.63	3.000	
81 06 08 1100	.3	1			0.228			3	34	52			9.5
81 07 08 1315	.3	1			0.480			25	91				9.5
81 08 10 1330	.3	1			0.236			0.1<W	36	55			9.5
81 09 03 1030	.3	1			0.190			2.4	36	56			50.0
81 10 20 1200	.3	1			0.240			2.0	34	52			10.0
81 11 09 1030	.3	1			0.230			0.8	29	44			9.5
81 12 22 1000	.3	1			0.284			0.5	27	41			8.5
MAXIMUM				**0.260**	**0.480**	**0.460**	**38.0**	**25**	**91**	**56**	**0.63**	**3.000**	**50.0**
ARITH MEAN				**0.203**	**0.261**	**0.435**	**32.5**	**4 <A**	**38**	**49**	**0.51**	**2.250**	**15.2**
GEOM MEAN				**0.195**	**0.252**	**0.435**	**32.0**	**1 <A**	**35**	**49**	**0.50**	**2.121**	**11.9**
MINIMUM				**0.147**	**0.190**	**0.411**	**27.0**	**0.1**	**27.000**	**41**	**0.39**	**1.500**	**8.5**
STD DEV (GEOM *)				**0.080**	**0.087**	**0.035**	**7.8**	**8 <A**	**19**	**6**	**0.17**	**1.061**	**15.3**
# SAMPLES (IN STATISTICS)				**2**	**9**	**2**	**2**	**8**	**9**	**8**	**2**	**2**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CHEM. OX DEMAND MG/L AS O	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*COD*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 26 1415	.3	1							0.130	0.002	0.005	0.029	0.015
81 06 08 1100	.3	1		9	7.34	1<T	0.07	13					
81 07 08 1315	.3	1		54	7.29	1<T	2.15	47					
81 08 10 1330	.3	1		12	7.38	2	0.09	27					
81 09 03 1030	.3	1		10	7.13	1	0.13	21					
81 10 20 1200	.3	1		11	6.74	1<T	0.09	167					
81 11 09 1030	.3	1		6	6.65	1<T	0.09	23					
81 12 22 1000	.3	1		3	6.97	1<T	0.10	13					
MAXIMUM				**54**	**7.38**	**2**	**2.15**	**167**	**0.130**	**0.002**	**0.005**	**0.029**	**0.015**
ARITH MEAN				**15**	**7.07**	**1<A**	**0.39**	**44**	**0.130**	**0.002**	**0.005**	**0.029**	**0.015**
GEOM MEAN				**10**	**7.07**	**1<A**	**0.15**	**29**					
MINIMUM				**3**	**6.65**	**1**	**0.07**	**13**	**0.130**	**0.002**	**0.005**	**0.029**	**0.015**
STD DEV (GEOM *)				**17**	**0.29**	**0<A**	**0.78**	**55**					
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**7**	**7**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				*NIUT*	*CCNAUR*
81 02 26 1415	.3	1		0.003<	
81 06 08 1100	.3	1			0.010<
81 08 10 1330	.3	1			0.010<
81 09 03 1030	.3	1			0.010<
81 10 20 1200	.3	1			0.005<
81 11 09 1030	.3	1			0.005<
MAXIMUM					
ARITH MEAN					
GEOM MEAN					
MINIMUM					
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)					

B.O.W. / SITE: **MC CURRY LAKE OUTLET**
SAMPLE POINT: **EMIL STREET PARRY SOUND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MC CURRY LAKE**

STATION ID: **03-0097-001-02**
STORET CODE: **02 002 3710**

LAT LONG: U.T.M: **17 0576800.0 5019950.0 4** REGION: **05** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 02 03 1110		3	1	24600					0.5	9.0	1.350	0.290	18.500
81 02 24 0930		3	1	24601	0				1.0	10.0	0.568	0.083	7.100
81 04 07 1430		3	1	24602					2.5	9.5	0.320	0.078	0.200
81 05 08		3	1	24603	5	52000	192000	10<	14.0	9.50	0.382	0.215	1.40
81 06 30 1100		3	1	24604	0		3000000	20A	16.0	7.50	0.545	0.170	0.046
81 07 31 1000		3		24605					2.0	7.00	1.010	0.550	0.010
81 08 31		3	1	24606					20.0	6.50	0.779	0.004	0.042
81 10 15 0245		3	1	24607					12.0	8.00	0.478	0.170	0.008
81 12 31 0930		3	1	24608					0.5	9.50	0.360	0.175	0.026
MAXIMUM						**52000**	**3000000**	**20**	**20.0**	**10.0**	**1.350**	**0.550**	**18.500**
ARITH MEAN						**52000**	**1596000**	**20**	**7.6**	**8.5**	**0.644**	**0.193**	**3.03**
GEOM MEAN							**758947**		**3.4**	**8.4**	**0.575**	**0.118**	**0.17**
MINIMUM						**52000**	**192000**	**20**	**0.5**	**6.50**	**0.320**	**0.004**	**0.008**
STD DEV (GEOM *)							**7***		**7.8**	**1.2**	**0.344**	**0.158**	**6.24**
# SAMPLES (IN STATISTICS)						**1**	**2**	**1**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
TEST-NAME:				*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*
81 02 03 1110		3	1	21.000	0.021	0.020		18.541	2.500	21.041	397.0	24.0	373.0
81 02 24 0930		3	1	10.100	0.155	0.325		7.580	3.000	10.580	369.0	15.0	354.0
81 04 07 1430		3	1	9.950	0.001<	0.980		1.181	9.750	10.931	411.0	8.0	403.0
81 05 08		3	1	8.68	0.210	9.04	9.25	10.650	7.280	17.930			
81 06 30 1100		3	1	5.78	0.005	9.150	9.150	9.201	5.734	14.935			
81 07 31 1000		3		10.80	0.004	12.000	12.000	12.014	10.790	22.804			
81 08 31		3	1	7.38	0.001				7.338				
81 10 15 0245		3	1	7.30	0.055	11.190	11.250	11.253	7.292	18.545			
81 12 31 0930		3	1	7.62	0.115	13.380	13.500	13.521	7.594	21.115			
MAXIMUM				**21.000**	**0.210**	**13.380**	**13.500**	**18.541**	**10.790**	**22.804**	**411.0**	**24.0**	**403.0**
ARITH MEAN				**9.84**	**0.071**	**7.01**	**11.03**	**10.493**	**6.809**	**17.236**	**392.3**	**15.7**	**376.7**
GEOM MEAN				**9.19**	**0.023**	**2.35**	**10.90**	**8.593**	**6.192**	**16.619**	**391.9**	**14.2**	**376.1**
MINIMUM				**5.78**	**0.001**	**0.020**	**9.150**	**1.181**	**2.500**	**10.580**	**369.0**	**8.0**	**354.0**
STD DEV (GEOM *)				**4.48**	**0.080**	**5.62**	**1.85**	**4.982**	**2.740**	**4.661**	**21.4**	**8.0**	**24.7**
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**5**	**8**	**9**	**8**	**3**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*ALUT*	*CRUT*	*CUUT*	*PBUT*
81 02 03 1110		3	1	700.0	12.00	66.000				0.085	0.001	0.024	0.003<
81 02 24 0930		3	1	640.0	9.20	132.000				0.260	0.003	0.015	0.004
81 04 07 1430		3	1	740.0	5.50	162.000				0.063	0.005	0.003	0.003<
81 05 08		3	1	700	4.20	141.00	33	5.54	1			0.013	0.003<
81 06 30 1100		3	1	600	1.50	126.00	7	6.99	3			0.003	0.003<
81 07 31 1000		3		600	2.10	119.00	38	6.24	3			0.001	0.003<
81 08 31		3	1	480	1.46	90.00	62	6.62				0.005	0.004
81 10 15 0245		3	1	510	1.19	93.00	61	7.03	2			0.006	0.003
81 12 31 0930		3	1	590	1.34	105.00	7	6.80	13			0.020	0.008
MAXIMUM				**740.0**	**12.00**	**162.000**	**62**	**7.03**	**13**	**0.260**	**0.005**	**0.024**	**0.008**
ARITH MEAN				**617**	**4.28**	**114.88**	**35**	**6.54**	**4**	**0.136**	**0.003**	**0.010**	**0.005**
GEOM MEAN				**612**	**2.98**	**111.30**	**25**	**6.52**	**3**	**0.112**	**0.002**	**0.007**	**0.004**
MINIMUM				**480**	**1.19**	**66.000**	**7**	**5.54**	**1**	**0.063**	**0.001**	**0.001**	**0.003**
STD DEV (GEOM *)				**87**	**3.94**	**29.41**	**24**	**0.57**	**5**	**0.108**	**0.002**	**0.008**	**0.002**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**6**	**6**	**5**	**3**	**3**	**9**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ZNUT*	*NIUT*
81 02 03 1110		3	1	0.032	0.190
81 02 24 0930		3	1	0.065	0.018
81 04 07 1430		3	1	0.015	0.009
81 05 08		3	1	0.039	
81 06 30 1100		3	1	0.003	
81 07 31 1000		3		0.004	
81 08 31		3	1	0.008	
81 10 15 0245		3	1	0.006	
81 12 31 0930		3	1	0.036	
MAXIMUM				**0.065**	**0.190**
ARITH MEAN				**0.023**	**0.072**
GEOM MEAN				**0.014**	**0.031**
MINIMUM				**0.003**	**0.009**
STD DEV (GEOM *)				**0.021**	**0.102**
# SAMPLES (IN STATISTICS)				**9**	**3**

B.O.W./SITE: **MAGNETAWAN RIVER**
SAMPLE POINT: **AT 1ST.BRIDGE DNSTR.FROM HIGHWAY NO 11**
STATION TYPE: **RIVER FLOW GAUGE FED 02EA006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-001-02**
STORET CODE: **02 002 4910**

LAT LONG U T M: **17 0623950.0 5053050.0 4** REGION: **05** DISTANCE: **120.376**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 03 28 1000		.3	1	23007	6	9.000				4.0			0.014
81 04 19 1540		.3	1	23026	6	34.600	350	900	10<	7.0	12.00		0.019
81 05 31 1030		.3		23049	6	6.660				19.0	8.00		0.042
81 06 18 1030		.3	1	23071	6	8.070	3600A	132000	64	20.0	9.00		0.019
81 07 16 0310		.3	1	23093	6	2.750				24.0	8.00		0.025
81 09 14 1030		.3	1	23137	6	43.200	57000	97000	3300	18.0	9.00	1.4	0.045
81 10 04 1030		.3	1	23159	6	19.200	3600	12000	20A	11.0	10.00		
81 11 09 1020		.3	1	23181	6	9.170	22000	22000	10A	7.0	8.00		0.355
81 12 07 1230		.3	1	23195	6	10.300	65000	75000	60A	1.0	8.00		0.010
MAXIMUM						**43.200**	**65000**	**132000**	**3300**	**24.0**	**12.00**	**1.4**	**0.355**
ARITH MEAN						**15.883**	**25258**	**56483**	**691**	**12.3**	**9.00**	**1.4**	**0.066**
GEOM MEAN						**11.532**	**8472**	**24720**	**76**	**8.9**	**8.91**		**0.031**
MINIMUM						**2.750**	**350**	**900**	**10**	**1.0**	**8.00**	**1.4**	**0.010**
STD DEV (GEOM *)						**13.918**	**8***	**6***	**9***	**8.1**	**1.41**		**0.117**
# SAMPLES (IN STATISTICS)						**9**	**6**	**6**	**5**	**9**	**8**	**1**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 28 1000		.3	1	0.001	0.052	0.290	0.003	0.287		0.342	0.238	0.580	35.0
81 04 19 1540		.3	1	0.002	0.034	0.39	0.001	0.245	0.245	0.280	0.356	0.636	
81 05 31 1030		.3			0.080	0.40		0.155	0.160		0.320	0.560	
81 06 18 1030		.3	1	0.001	0.034	0.31	0.004	0.125	0.130	0.163	0.276	0.439	
81 07 16 0310		.3	1	0.001	0.046	0.32	0.001	0.100	0.100	0.147	0.274	0.421	
81 09 14 1030		.3	1	0.003	0.042	0.45	0.003	0.070	0.075	0.115	0.408	0.523	
81 11 09 1020		.3	1	0.330	0.040	0.31	0.001	0.140	0.140	0.181	0.270	0.451	
81 12 07 1230		.3	1	0.001<T	0.026	0.30	0.002	0.170	0.170	0.198	0.274	0.472	
MAXIMUM				**0.330**	**0.080**	**0.45**	**0.004**	**0.287**	**0.245**	**0.342**	**0.408**	**0.636**	**35.0**
ARITH MEAN				**0.048<A**	**0.044**	**0.34**	**0.002**	**0.161**	**0.146**	**0.204**	**0.302**	**0.510**	**35.0**
GEOM MEAN				**0.003<A**	**0.042**	**0.34**	**0.002**	**0.148**	**0.137**	**0.192**	**0.298**	**0.505**	
MINIMUM				**0.001**	**0.026**	**0.290**	**0.001**	**0.070**	**0.075**	**0.115**	**0.238**	**0.421**	**35.0**
STD DEV (GEOM *)				**0.124<A**	**0.017**	**0.05**	**0.001**	**0.072**	**0.055**	**0.080**	**0.056**	**0.077**	
# SAMPLES (IN STATISTICS)				**7**	**8**	**8**	**7**	**8**	**7**	**7**	**8**	**8**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*CUUT*	*PBUT*
81 03 28 1000		.3	1	3.0	32.000	49.0	1.50	2.250		6.77			
81 04 19 1540		.3	1			40	1.80	1.45	8	7.01	1	0.008	0.003<
81 05 31 1030		.3				45	1.20	1.70	8	7.24	1	0.032	0.006
81 06 18 1030		.3	1			42	1.30	1.70	9	7.21	1	0.001<	0.003<
81 07 16 0310		.3	1			43	1.40	1.35	10	7.11	1<T	0.004	0.003<
81 09 14 1030		.3	1		24	37	1.70	1.10	8	6.86		0.003	0.003<
81 10 04 1030		.3	1								1	0.027	0.003<
81 11 09 1020		.3	1			45	1.12	2.35	8	6.84	1<T	0.001<	0.003<
81 12 07 1230		.3	1			42	1.37	1.80	7	7.08	1<T	0.002	0.003<
MAXIMUM				**3.0**	**32.000**	**49.0**	**1.80**	**2.35**	**10**	**7.24**	**1**	**0.032**	**0.006**
ARITH MEAN				**3.0**	**28**	**42**	**1.42**	**1.71**	**8**	**7.01**	**1<A**	**0.013**	**0.006**
GEOM MEAN					**27**	**42**	**1.41**	**1.66**	**8**	**7.01**	**1<A**	**0.007**	
MINIMUM				**3.0**	**24**	**37**	**1.12**	**1.10**	**7**	**6.77**	**1**	**0.002**	**0.006**
STD DEV (GEOM *)					**5**	**3**	**0.23**	**0.42**	**1**	**0.18**	**0<A**	**0.013**	
# SAMPLES (IN STATISTICS)				**1**	**2**	**8**	**8**	**8**	**7**	**8**	**7**	**6**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 04 19 1540		.3	1	0.014
81 05 31 1030		.3		0.017
81 06 18 1030		.3	1	0.004
81 07 16 0310		.3	1	0.011
81 09 14 1030		.3	1	0.013
81 10 04 1030		.3	1	0.016
81 11 09 1020		.3	1	0.007
81 12 07 1230		.3	1	0.013
MAXIMUM				**0.017**
ARITH MEAN				**0.012**
GEOM MEAN				**0.011**
MINIMUM				**0.004**
STD DEV (GEOM *)				**0.004**
# SAMPLES (IN STATISTICS)				**8**

B.O.W./ SITE: **MAGNETAWAN RIVER**
SAMPLE POINT: **AT YOUNG STREET BRIDGE BURKS FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-002-02**
STORET CODE: **02 002 4910**

LAT: LONG: U.T.M: **17 0625000.0 5053200.0 4** REGION: **05** DISTANCE: **127.135**

TEST-NAME:	SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
81 03 28 1100 / 3 / 1	23009	6	4.0		0.018	0.001<	0.058	0.330	0.002	0.273
81 08 17 1645 / 3 / 1	23115		20.0	9.00	0.080	0.050	0.054	0.42	0.002	0.040
MAXIMUM			**20.0**	**9.00**	**0.080**	**0.050**	**0.058**	**0.42**	**0.002**	**0.273**
ARITH MEAN			**12.0**	**9.00**	**0.049**	**0.050**	**0.056**	**0.37**	**0.002**	**0.156**
GEOM MEAN			**8.9**		**0.038**		**0.056**	**0.37**	**0.002**	**0.104**
MINIMUM			**4.0**	**9.00**	**0.018**	**0.050**	**0.054**	**0.330**	**0.002**	**0.040**
STD DEV (GEOM *)			**11.3**		**0.044**		**0.003**	**0.06**	**0.000**	**0.165**
# SAMPLES (IN STATISTICS)			**2**	**1**	**2**	**1**	**2**	**2**	**2**	**2**

TEST-NAME:	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
81 03 28 1100 / 3 / 1		0.333	0.272	0.605	41.0	9.0	32.000	49.0	1.40	2.650
81 08 17 1645 / 3 / 1	0.040	0.096	0.366	0.462				44	1.60	1.95
MAXIMUM	**0.040**	**0.333**	**0.366**	**0.605**	**41.0**	**9.0**	**32.000**	**49.0**	**1.60**	**2.650**
ARITH MEAN	**0.040**	**0.214**	**0.319**	**0.533**	**41.0**	**9.0**	**32.000**	**46**	**1.50**	**2.30**
GEOM MEAN		**0.179**	**0.316**	**0.529**				**46**	**1.50**	**2.27**
MINIMUM	**0.040**	**0.096**	**0.272**	**0.462**	**41.0**	**9.0**	**32.000**	**44**	**1.40**	**1.95**
STD DEV (GEOM *)		**0.168**	**0.066**	**0.101**				**3**	**0.14**	**0.49**
# SAMPLES (IN STATISTICS)	**1**	**2**	**2**	**2**	**1**	**1**	**1**	**2**	**2**	**2**

TEST-NAME:	ALKT	PH	PHNOL	CUUT	PBUT	ZNUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 03 28 1100 / 3 / 1		6.54				
81 08 17 1645 / 3 / 1	7	7.25	1	0.039	0.003<	0.019
MAXIMUM	**7**	**7.25**	**1**	**0.039**		**0.019**
ARITH MEAN	**7**	**6.89**	**1**	**0.039**		**0.019**
GEOM MEAN		**6.89**				
MINIMUM	**7**	**6.54**	**1**	**0.039**		**0.019**
STD DEV (GEOM *)		**0.50**				
# SAMPLES (IN STATISTICS)	**1**	**2**	**1**	**1**		**1**

B.O.W./ SITE: **MAGNETAWAN RIVER**
SAMPLE POINT: **AT HIGHWAY 69**
STATION TYPE: **RIVER FLOW GAUGE FED 02EA011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-003-02**
STORET CODE: **02 002 4910**

LAT: LONG: U.T.M: **17 0539100.0 5068900.0 4** REGION: **05** DISTANCE: **10.460**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	FCMF	FSMF	FWTEMP	DO	PPUT	PPO4FR	NNHTFR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
81 01 29 1030 / 3 / 1	24659		19.100			0.5	12.0			
81 02 17 1130 / 3 / 1	24660		30.700			0.5	12.0	0.011	0.001	
81 03 31 1400 / 3 / 1	24661		69.200			1.0	11.0	0.010	0.001<	
81 04 28 0320 / 3 / 1	24662		56.200	4<	4<			0.011	0.001<W	0.062
81 05 19 1230 / 3 / 1	24663	8	80.800	4<	4<	9.0	11.00	0.014	0.003	0.034
81 06 02 1210 / 3 / 1	24664	8	40.200			17.0	9.00	0.014	0.002	0.030
81 07 09 1045 / 3 / 1	24665		30.700	4<	60			0.012	0.002	0.034
81 08 13 1400 / 3 / 1	24666	8	19.400			24.0	9.00	0.007	0.003	0.050
81 10 15 1130 / 3 / 1	24667		75.800			11.0	9.50	0.042	0.001	0.028
81 11 16 1515 / 3 / 1	24668	8	34.800	10<	10A	6.0	10.50	0.028	0.002	0.030
81 12 14 1200 / 3 / 1	24669	8	44.000	4<	4<		13.00	0.015	0.001<T	0.030
MAXIMUM			**80.800**		**60**	**24.0**	**13.00**	**0.042**	**0.003**	**0.062**
ARITH MEAN			**45.536**		**35**	**8.6**	**10.7**	**0.016**	**0.002<A**	**0.037**
GEOM MEAN			**40.732**		**24**	**4.0**	**10.6**	**0.014**	**0.002<A**	**0.036**
MINIMUM			**19.100**		**10**	**0.5**	**9.00**	**0.007**	**0.001**	**0.028**
STD DEV (GEOM *)			**21.912**		**4***	**8.5**	**1.4**	**0.011**	**0.001<A**	**0.012**
# SAMPLES (IN STATISTICS)			**11**		**2**	**8**	**9**	**10**	**9**	**8**

TEST-NAME:	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF	COND25
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C
81 02 17 1130 / 3 / 1								3.00	30.000	46.0
81 03 31 1400 / 3 / 1								1.00	27.000	42.0
81 04 28 0320 / 3 / 1	0.29	0.003	0.245	0.245	0.310	0.228	0.538	3	26	40
81 05 19 1230 / 3 / 1	0.28	0.001	0.200	0.200	0.235	0.246	0.481	30	27	41
81 06 02 1210 / 3 / 1	0.31	0.002	0.165	0.165	0.197	0.280	0.477	1 <W	27	42
81 07 09 1045 / 3 / 1	0.29					0.256		1 <T		64
81 08 13 1400 / 3 / 1	0.26	0.001	0.025	0.025	0.076	0.210	0.286	0.8	27	41
81 10 15 1130 / 3 / 1	0.42	0.001	0.135	0.135	0.164	0.392	0.556	2.0	27	42
81 11 16 1515 / 3 / 1	0.38	0.001	0.135	0.135	0.166	0.350	0.516	3.5	26	40
81 12 14 1200 / 3 / 1	0.43	0.002	0.155	0.155	0.187	0.400	0.587	1.0	26	40
MAXIMUM	**0.43**	**0.003**	**0.245**	**0.245**	**0.310**	**0.400**	**0.587**	**30**	**30.000**	**64**
ARITH MEAN	**0.33**	**0.002**	**0.151**	**0.151**	**0.191**	**0.295**	**0.492**	**4 <A**	**27**	**43**
GEOM MEAN	**0.33**	**0.001**	**0.128**	**0.128**	**0.178**	**0.287**	**0.481**	**2 <A**	**26**	**43**
MINIMUM	**0.26**	**0.001**	**0.025**	**0.025**	**0.076**	**0.210**	**0.286**	**0.8**	**26**	**40**
STD DEV (GEOM *)	**0.07**	**0.001**	**0.068**	**0.068**	**0.072**	**0.075**	**0.099**	**8 <A**	**1**	**7**
# SAMPLES (IN STATISTICS)	**8**	**7**	**7**	**7**	**7**	**8**	**7**	**10**	**9**	**10**

(CONTD)

B.O.W / SITE: **MAGNETAWAN RIVER**
SAMPLE POINT: **AT HIGHWAY 69**
STATION TYPE: **RIVER FLOW GAUGE FED 02EA011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-003-02**
STORET CODE: **02 002 4910**

LAT: LONG: U.T.M: **17 0539100.0 5068900.0 4** REGION: **05** DISTANCE: **10.460**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*
81 01 29 1030		3	1							0 001<	0 050<	0 001 <	0 007
81 02 17 1130		3	1			10 0	6 93			0 001<	0 090	0 006	1 100
81 03 31 1400		3	1			15 0	6 72			0 001<	0 040<	0 002 <	0 002
81 04 28 0320		3	1	1 30	1 90	8	6 84	1<T	0 18	0 001<	0 03 <	0 002 <	0 001<
81 05 19 1230		3	1	0 85	1 75	8	7 04	1<T	0 14	0 001<	0 08 <	0 002 <	0 001<
81 06 02 1210		3	1	0 60	1 65	10	7 16	1	0 11	0 001<	0 06 <	0 002	0 001<
81 07 09 1045		3	1	0 55	2 15	20	7 48	2	0 06		0 07 <	0 0020	0 001<
81 08 13 1400		3	1	0 50	1 80	9	7 13	1<T	0 09	0 001<	0 06 U	0 0010<	0 001<
81 10 15 1130		3	1	0 74	2 10	10	6 79	1<T	0 23	0 001<	0 04 <	0 0010	0 003
81 11 16 1515		3	1	1 33	1 55	6	6 68	2	0 32	0 001<	0 14	0 0010	0 002
81 12 14 1200		3	1	1 09	1 65	5	6 97	1<T	0 27	0 001<	0 06	0 001 <	0 001
MAXIMUM				**1.33**	**2.15**	**20**	**7.48**	**2**	**0.32**		**0.14**	**0.006**	**1.100**
ARITH MEAN				**0.87**	**1.82**	**10**	**6.97**	**1<A**	**0.17**		**0.08**	**0.002**	**0.186**
GEOM MEAN				**0.82**	**1.81**	**9**	**6.97**	**1<A**	**0.15**		**0.08**	**0.001**	**0.007**
MINIMUM				**0.50**	**1.55**	**5**	**6.68**	**1**	**0.06**		**0.06**	**0.0010**	**0.001**
STD DEV (GEOM *)				**0.33**	**0.22**	**4**	**0.24**	**0<A**	**0.09**		**0.03**	**0.002**	**0.448**
# SAMPLES (IN STATISTICS)				**8**	**8**	**10**	**10**	**8**	**8**		**4**	**5**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*CDUT*	*ZNUT*
81 01 29 1030		3	1	0 025	0 0002<	0 009
81 02 17 1130		3	1	0 002<	0 110	0 024
81 03 31 1400		3	1	0 003	0 0002<	0 009
81 04 28 0320		3	1	0 003<	0 0005	0 004
81 05 19 1230		3	1	0 003<	0 0002<	0 003
81 06 02 1210		3	1	0 003<	0 0002<	0 003
81 07 09 1045		3	1	0 003<		0 002
81 08 13 1400		3	1	0 003<	0 0001<	0 003
81 10 15 1130		3	1	0 004	0 0002	0 004
81 11 16 1515		3	1	0 003<	0 0001<	0 008
81 12 14 1200		3	1	0 003<	0 0002	0 004
MAXIMUM				**0.025**	**0.110**	**0.024**
ARITH MEAN				**0.011**	**0.027**	**0.007**
GEOM MEAN				**0.007**	**0.001**	**0.005**
MINIMUM				**0.003**	**0.0002**	**0.002**
STD DEV (GEOM *)				**0.012**	**0.054**	**0.006**
# SAMPLES (IN STATISTICS)				**3**	**4**	**11**

B.O.W / SITE: **BERNARD CREEK**
SAMPLE POINT: **1ST.BRIDGE DNSTR.FROM SUNDRIDGE LAGOON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-004-02**
STORET CODE: **02 002 4910**

LAT: LONG: U.T.M: **17 0622450.0 5062900.0 4** REGION: **05** DISTANCE: **133.089**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 03 28 1200		3	1	23010	6 7				3 0		0 006	0 001<	0 030
81 04 19 1630		3	1	23028	6	164	1200>	4	9 0	11 00	0 016	0 005	0 022
81 05 31 1130		3		23051	6				17 0	10 00	0 009		0 046
81 06 18 1130		3	1	23073	6	600A	240000>	10A	18 0	9 00	0 020	0 001	0 042
81 07 16 0355		3	1	23095	6				23 0	8 00	0 020	0 001	0 060
81 08 17 1815		3	1	23117		100<	32000	10<	19 0	8 00	0 008	0 001	0 034
81 09 14 1130		3	1	23139					18 0	8 00	0 020	0 002	0 022
81 10 04 1125		3	1	23161	6	100A	90000	10<	10 0	10 00	0 009	0 005	0 042
81 11 09 1145		3	1	23183	6	20<	48000>	10<	6 0	9 00	0 194	0 200	0 044
81 12 07 1330		3	1	23197	6	20<	20<	10<	1 0	9 00	0 008	0 001<T	0 006
MAXIMUM						**600**	**90000**	**10**	**23.0**	**11.00**	**0.194**	**0.200**	**0.060**
ARITH MEAN						**288**	**61000**	**7**	**12.4**	**9.11**	**0.031**	**0.027<A**	**0.035**
GEOM MEAN						**214**	**53666**	**6**	**9.1**	**9.06**	**0.015**	**0.003<A**	**0.030**
MINIMUM						**100**	**32000**	**4**	**1.0**	**8.00**	**0.006**	**0.001**	**0.006**
STD DEV (GEOM *)						**3***	**2***	**2***	**7.6**	**1.05**	**0.058**	**0.070<A**	**0.015**
# SAMPLES (IN STATISTICS)						**3**	**2**	**2**	**10**	**9**	**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
TEST-NAME:				*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*
81 03 28 1200		3	1	0 250	0 001	0 119		0 150	0 220	0 370	37 0	0 5	36 000
81 04 19 1630		3	1	0 24	0 001	0 090	0 090	0 113	0 218	0 331			
81 05 31 1130		3		0 26		0 035	0 035		0 214	0 295			
81 06 18 1130		3	1	0 26	0 001<W	0 025	0 030	0 068	0 218	0 286			
81 07 16 0355		3	1	0 29	0 001	0 005	0 005	0 066	0 230	0 296			
81 08 17 1815		3	1	0 23	0 001	0 005<T	0 005<T	0 040	0 196	0 236			
81 09 14 1130		3	1	0 30	0 001	0 015	0 015	0 038	0 278	0 316			
81 10 04 1125		3	1	0 23	0 001<T	0 035	0 035	0 078	0 188	0 266			
81 11 09 1145		3	1	0 30	0 001	0 055	0 055	0 100	0 256	0 356			
81 12 07 1330		3	1	0 22	0 001<T	0 090	0 090	0 097	0 214	0 311			
MAXIMUM				**0.30**	**0.001**	**0.119**	**0.090**	**0.150**	**0.278**	**0.370**	**37.0**	**0.5**	**36.000**
ARITH MEAN				**0.25**	**0.001<A**	**0.047<A**	**0.040<A**	**0.089**	**0.226**	**0.314**	**37.0**	**0.5**	**36.000**
GEOM MEAN				**0.25**	**0.001<A**	**0.030<A**	**0.026<A**	**0.083**	**0.225**	**0.313**			
MINIMUM				**0.22**	**0.001**	**0.005**	**0.005**	**0.038**	**0.188**	**0.266**	**37.0**	**0.5**	**36.000**
STD DEV (GEOM *)				**0.03**	**0.000<A**	**0.040<A**	**0.032<A**	**0.034**	**0.026**	**0.033**			
# SAMPLES (IN STATISTICS)				**10**	**9**	**10**	**9**	**8**	**9**	**9**	**1**	**1**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 28 1200		.3	1	56.0	0.45	4.850		6.64				
81 04 19 1630		.3	1	58	1.00	5.65	8	7.11	1	0.001	0.003<	0.006
81 05 31 1130		.3		56	0.60	5.45	10	7.40	1	0.042	0.003	0.015
81 06 18 1130		.3	1	56	1.30	5.30	12	7.26	1	0.003	0.003<	0.008
81 07 16 0355		.3	1	59	0.61	5.65	9	7.16	1	0.003	0.003<	0.010
81 08 17 1815		.3	1	56	0.80	5.35	6	7.18	1<T	0.006	0.003<	0.005
81 09 14 1130		.3	1	54	0.94	5.25	8	6.11	1<T	0.003	0.003<	0.007
81 10 04 1125		.3	1	62	0.72	6.50	9	6.85	1	0.022	0.003	0.005
81 11 09 1145		.3	1	56	0.71	5.55	9	7.09	1<T	0.009	0.003<	0.007
81 12 07 1330		.3	1	56	0.88	5.40	8	7.11	1<T	0.003	0.003<	0.007
MAXIMUM				**62**	**1.30**	**6.50**	**12**	**7.40**	**1**	**0.042**	**0.003**	**0.015**
ARITH MEAN				**56**	**0.80**	**5.49**	**9**	**6.99**	**1<A**	**0.010**	**0.003**	**0.008**
GEOM MEAN				**56**	**0.77**	**5.48**	**9**	**6.98**	**1<A**	**0.005**	**0.003**	**0.007**
MINIMUM				**54**	**0.45**	**4.850**	**6**	**6.11**	**1**	**0.001**	**0.003**	**0.005**
STD DEV (GEOM *)				**2**	**0.24**	**0.42**	**2**	**0.37**	**0<A**	**0.014**	**0.000**	**0.003**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**9**	**10**	**9**	**9**	**2**	**9**

B.O.W./ SITE: **BERNARD CREEK**
SAMPLE POINT: **AT HIGHWAY NO. 520**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAGNETAWAN RIVER**

STATION ID: **03-0124-005-02**
STORET CODE: **02 002 4910**

LAT: LONG: U.T.M: **17 0620725.0 5051350.0 4** REGION: **05** DISTANCE: **116.191**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 03 28 1030		.3	1	23008	6	4.0			0.044	0.005	0.096	0.450	0.003
81 04 19 1600		.3	1	23027	6	7.0	11.00	0.2<T	0.033	0.012	0.030	0.31	0.002
81 05 31 1100		.3		23050	6	17.0	9.00	0.2	0.024	0.002	0.040	0.35	0.003
81 06 18 1100		.3	1	23072	6	18.0	9.00	1.0	0.052			0.62	
81 07 16 0340		.3	1	23094	6	21.0	8.00	0.6	0.028	0.006	0.058	0.38	0.011
81 08 17 1720		.3	1	23116		19.0	8.00	0.6	0.045	0.030	0.052	0.38	0.003
81 09 14 1110		.3	1	23138	6	18.0	8.00	1.0	0.055	0.006	0.042	0.55	0.005
81 10 04 1100		.3	1	23160	6	10.0	10.00	0.8	0.065	0.130	0.040	0.14	0.001
81 11 09 1100		.3	1	23182	6	6.0	9.00	1.2	0.265	0.265		0.35	0.001
81 12 07 1300		.3	1	23196	6	1.0	9.00	0.8	0.016	0.001<T	0.016	0.32	0.002
MAXIMUM						**21.0**	**11.00**	**1.2**	**0.265**	**0.265**	**0.096**	**0.62**	**0.011**
ARITH MEAN						**12.1**	**9.00**	**0.7<A**	**0.063**	**0.051<A**	**0.047**	**0.38**	**0.003**
GEOM MEAN						**9.1**	**8.95**	**0.6<A**	**0.045**	**0.012<A**	**0.042**	**0.36**	**0.003**
MINIMUM						**1.0**	**8.00**	**0.2**	**0.016**	**0.001**	**0.016**	**0.14**	**0.001**
STD DEV (GEOM *)						**7.3**	**1.00**	**0.3<A**	**0.073**	**0.090<A**	**0.024**	**0.13**	**0.003**
# SAMPLES (IN STATISTICS)						**10**	**9**	**9**	**10**	**9**	**8**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 03 28 1030		.3	1	0.227		0.326	0.354	0.680	66.0	26.0	40.000	62.0	7.20
81 04 19 1600		.3	1	0.130	0.130	0.162	0.280	0.442			218	58	5.00
81 05 31 1100		.3		0.070	0.075	0.113	0.310	0.423		8	38	58	1.00
81 06 18 1100		.3	1							10	35	54	4.50
81 07 16 0340		.3	1	0.100	0.110	0.169	0.322	0.491		5	42	64	2.20
81 08 17 1720		.3	1	0.050	0.055	0.105	0.328	0.433			39	60	3.20
81 09 14 1110		.3	1	0.040	0.045	0.087	0.508	0.595					
81 10 04 1100		.3	1	0.045	0.045	0.086	0.100	0.186			40	62	3.40
81 11 09 1100		.3	1	0.090	0.090			0.441			38	58	3.50
81 12 07 1300		.3	1	0.140	0.140	0.158	0.304	0.462		7.0	39	60	6.30
MAXIMUM				**0.227**	**0.140**	**0.326**	**0.508**	**0.680**	**66.0**	**26.0**	**218**	**64**	**7.20**
ARITH MEAN				**0.099**	**0.086**	**0.151**	**0.313**	**0.461**	**66.0**	**11**	**58**	**59**	**4.03**
GEOM MEAN				**0.085**	**0.079**	**0.137**	**0.290**	**0.439**		**9**	**47**	**59**	**3.53**
MINIMUM				**0.040**	**0.045**	**0.086**	**0.100**	**0.186**	**66.0**	**5**	**35**	**54**	**1.00**
STD DEV (GEOM *)				**0.060**	**0.038**	**0.078**	**0.111**	**0.135**		**8**	**59**	**3**	**1.94**
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**8**	**9**	**1**	**5**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 28 1030		.3	1	6.100		6.67							
81 04 19 1600		.3	1		8	7.31	1	0.45	4.0	51	0.004	0.003<	0.007
81 05 31 1100		.3			10	7.35	1	0.60	4.1	13	0.003	0.006	0.007
81 06 18 1100		.3	1			7.18	1	0.56	4.1		0.003	0.003<	0.010
81 07 16 0340		.3	1		12	7.21	1	0.86	3.9	20	0.003	0.003<	0.006
81 08 17 1720		.3	1		10	7.06	1	0.87	4.4	31	0.100	0.003<	0.006
81 09 14 1110		.3	1		10	6.91	1<T	0.81		39	0.050	0.003<	0.016
81 10 04 1100		.3	1		11	6.77	1<T	0.52	4.0	23	0.002	0.003<	0.006
81 11 09 1100		.3	1		9	6.92	1<T	0.39		2	0.001<	0.003<	0.007
81 12 07 1300		.3	1				1<T				0.009	0.003<	0.017
MAXIMUM				**6.100**	**12**	**7.35**	**1**	**0.87**	**4.4**	**51**	**0.100**	**0.006**	**0.017**
ARITH MEAN				**6.100**	**10**	**7.04**	**1<A**	**0.63**	**4.1**	**26**	**0.022**	**0.006**	**0.009**
GEOM MEAN					**10**	**7.04**	**1<A**	**0.61**	**4.1**	**18**	**0.007**		**0.008**
MINIMUM				**6.100**	**8**	**6.67**	**1**	**0.39**	**3.9**	**2**	**0.002**	**0.006**	**0.006**
STD DEV (GEOM *)					**1**	**0.24**	**0<A**	**0.19**	**0.2**	**16**	**0.036**		**0.004**
# SAMPLES (IN STATISTICS)				**1**	**7**	**9**	**9**	**8**	**6**	**7**	**8**	**1**	**9**

B.O.W / SITE: **PICKEREL RIVER**
SAMPLE POINT: **AT HIGHWAY 69**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **PICKEREL RIVER**

STATION ID: **03-0130-001-02**
STORET CODE: **02 002 5330**

LAT: LONG: U.T.M: **17 0533500.0 5093550.0 4** REGION: **05** DISTANCE: **27.680**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 01 29 1100		.3	1	24644				0.5	12.0				
81 03 31 1445		.3	1	24646				1.0	9.0	0.014	0.001<		0.360
81 04 28 0230		.3	1	24647						0.010	0.001<W		0.31
81 05 19 1330		.3	1	24648	3			10.0	11.00	0.022	0.004	0.044	0.33
81 06 02 1250		.3	1	24649	8	4<	52	16.0	10.00	0.021	0.004	0.068	0.35
81 07 09 1130		.3	1	24650						0.011	0.001<T	0.064	0.31
81 08 13 1440		.3	1	24651	8			24.0	8.00	0.011	0.002	0.048	0.29
81 10 15 1200		.3	1	24651				11.0	9.00	0.040	0.001	0.044	0.32
81 11 16 1550		.3	1	24653	8			7.0	10.00	0.015	0.005	0.034	0.32
81 12 14 1240		.3	1	24654	8				12.00	0.016	0.002	0.024	0.31
MAXIMUM							**52**	**24.0**	**12.0**	**0.040**	**0.005**	**0.068**	**0.360**
ARITH MEAN							**52**	**9.9**	**10.1**	**0.018**	**0.002<A**	**0.047**	**0.32**
GEOM MEAN								**5.5**	**10.0**	**0.016**	**0.002<A**	**0.044**	**0.32**
MINIMUM							**52**	**0.5**	**8.00**	**0.010**	**0.001**	**0.024**	**0.29**
STD DEV (GEOM *)								**8.3**	**1.4**	**0.009**	**0.002<A**	**0.016**	**0.02**
# SAMPLES (IN STATISTICS)							**1**	**7**	**8**	**9**	**8**	**7**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
81 03 31 1445		.3	1	0.002	0.163		0.525	4.00	42.000	64.0			17.0
81 04 28 0230		.3	1					2		67	1.30	1.45	7
81 05 19 1330		.3	1			0.286		3		51	0.60	1.25	17
81 06 02 1250		.3	1			0.282		2		62	1.30	1.45	16
81 07 09 1130		.3	1			0.246		1 <T		41	0.60	1.75	11
81 08 13 1440		.3	1			0.242		0.3		64	0.87	2.00	18
81 10 15 1200		.3	1			0.276		3.0		60	0.86	1.40	17
81 11 16 1550		.3	1			0.286		1.6		64	1.11	2.15	47
81 12 14 1240		.3	1			0.286		0.6		63	1.53	1.80	16
MAXIMUM				**0.002**	**0.163**	**0.286**	**0.525**	**4.00**	**42.000**	**67**	**1.53**	**2.15**	**47**
ARITH MEAN				**0.002**	**0.163**	**0.272**	**0.525**	**1 <A**	**42.000**	**59**	**1.02**	**1.66**	**18**
GEOM MEAN						**0.271**		**1 <A**		**59**	**0.97**	**1.63**	**16**
MINIMUM				**0.002**	**0.163**	**0.242**	**0.525**	**0.3**	**42.000**	**41**	**0.60**	**1.25**	**7**
STD DEV (GEOM *)						**0.019**		**1 <A**		**8**	**0.34**	**0.32**	**11**
# SAMPLES (IN STATISTICS)				**1**	**1**	**7**	**1**	**9**	**1**	**9**	**8**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 29 1100		.3	1				0.073	0.007	0.003<	0.004	0.003<
81 03 31 1445		.3	1	6.95			0.170	0.003	0.023	0.009	0.002
81 04 28 0230		.3	1	7.20	1<T	0.16		0.004	0.003<	0.012	
81 05 19 1330		.3	1	7.18	1<T	0.19		0.001<	0.003<	0.001	
81 06 02 1250		.3	1	7.31	2	0.14		0.005	0.003<	0.001<	
81 07 09 1130		.3	1	7.50	1	0.16		0.002	0.003<	0.001<	
81 08 13 1440		.3	1	7.50	2	0.10		0.002	0.003<	0.002	
81 10 15 1200		.3	1	7.07	1	0.17		0.003	0.003<	0.001<	
81 11 16 1550		.3	1	7.04	1	0.10		0.002	0.003<	0.001	
81 12 14 1240		.3	1	7.34	1<T	0.15		0.019	0.003<	0.032	
MAXIMUM				**7.50**	**2**	**0.19**	**0.170**	**0.019**	**0.023**	**0.032**	**0.002**
ARITH MEAN				**7.23**	**1<A**	**0.15**	**0.121**	**0.005**	**0.023**	**0.009**	**0.002**
GEOM MEAN				**7.23**	**1<A**	**0.14**	**0.111**	**0.004**		**0.004**	
MINIMUM				**6.95**	**1**	**0.10**	**0.073**	**0.002**	**0.023**	**0.001**	**0.002**
STD DEV (GEOM *)				**0.20**	**0<A**	**0.03**	**0.069**	**0.005**		**0.011**	
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**2**	**9**	**1**	**7**	**1**

B.O.W / SITE: **FRENCH RIVER**
SAMPLE POINT: **AT HIGHWAY 69**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-001-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0532250.0 5096000.0 4** REGION: **05** DISTANCE: **28.967**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
81 01 19 1230		.3	1	24616				0.5	12.0		0.014		
81 01 29 1200		.3	1	24617				0.5	12.0		0.025	0.004	
81 03 11 1130		.3	1	24619		4<	4<	0.5	10.0		0.016	0.006	
81 03 31 1530		.3	1	24620				1.0	10.0		0.015	0.001	
81 04 07 1255		.3	1	24618				2.5	10.0		0.008	0.004	
81 05 19 1300		.3	1	24623	3	4	4	9.00	11.00		0.019	0.004	0.040
81 06 02 1320		.3	1	24624	8	4<	4<	13.0	10.00		0.019	0.005	0.054
81 07 09 1145		.3	1	24625		4<	12				0.008	0.001<T	0.044
81 08 13 1510		.3	1	24626	8			32.0	7.00		0.011	0.001	0.108
81 10 03 1300		.3	1	23151	6			10.0	7.00	0.4	0.057		
81 10 15 1230		.3	1	24627				12.0	8.00		0.023	0.002	0.028
81 11 16 1615		.3	1	24628	8	10<	10<	7.0	9.00		0.016	0.004	0.032
81 12 14 1310		.3	1	24629	8	4<	4<		11.00		0.014	0.002	0.024
MAXIMUM						**4**	**12**	**32.0**	**12.0**	**0.4**	**0.057**	**0.006**	**0.108**
ARITH MEAN						**4**	**8**	**8.0**	**9.7**	**0.4**	**0.019**	**0.003<A**	**0.047**
GEOM MEAN							**7**	**3.5**	**9.6**		**0.016**	**0.003<A**	**0.042**
MINIMUM						**4**	**4**	**0.5**	**7.00**	**0.4**	**0.008**	**0.001**	**0.024**
STD DEV (GEOM *)							**2***	**9.3**	**1.7**		**0.013**	**0.002<A**	**0.029**
# SAMPLES (IN STATISTICS)						**1**	**2**	**11**	**12**	**1**	**13**	**11**	**7**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 19 1230		3	1								2.00		80.0
81 01 29 1200		3	1	0.360	0.003	0.042				0.405	2.00	51.000	78.0
81 03 11 1130		3	1	0.330	0.002	0.103				0.435	1.00	49.00	76.0
81 03 31 1530		3	1	0.380	0.002	0.103				0.485	3.00	51.000	78.0
81 04 07 1255		3	1	0.420	0.017	0.123				0.560	1.00	49.000	76.0
81 05 19 1300		3	1	0.30	0.001	0.090	0.090	0.131	0.260	0.391	42	40	78
81 06 02 1320		3	1	0.33	0.002	0.055	0.055	0.111	0.276	0.387	1	45	69
81 07 09 1145		3	1	0.24					0.196		1		48
81 08 13 1510		3	1	0.27	0.002	0.080	0.080	0.190	0.162	0.352	0.2	44	68
81 10 03 1300		3	1	0.39							5.3	49	56
81 10 15 1230		3	1	0.27	0.004	0.030	0.035	0.062	0.242	0.304	2.0	44	68
81 11 16 1615		3	1	0.30	0.001	0.015	0.015	0.048	0.268	0.316	1.5	46	70
81 12 14 1310		3	1	0.31	0.002	0.010	0.010	0.036	0.286	0.322	0.8	48	74
MAXIMUM				**0.420**	**0.017**	**0.123**	**0.090**	**0.190**	**0.286**	**0.560**	**42**	**51.000**	**80.0**
ARITH MEAN				**0.32**	**0.004**	**0.065**	**0.047**	**0.096**	**0.241**	**0.396**	**4**	**46**	**70**
GEOM MEAN				**0.32**	**0.002**	**0.050**	**0.036**	**0.082**	**0.237**	**0.389**	**1**	**46**	**70**
MINIMUM				**0.24**	**0.001**	**0.010**	**0.010**	**0.036**	**0.162**	**0.304**	**0.2**	**40**	**48**
STD DEV (GEOM *)				**0.05**	**0.005**	**0.040**	**0.033**	**0.059**	**0.046**	**0.081**	**11**	**3**	**9**
# SAMPLES (IN STATISTICS)				**12**	**10**	**10**	**6**	**6**	**7**	**10**	**13**	**11**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG
81 01 19 1230		3	1										0.060<
81 01 29 1200		3	1			20.0	7.05					0.001<	0.050<
81 03 11 1130		3	1			23.0	7.24					0.001<	0.040<
81 03 31 1530		3	1			24.0	7.12						0.040<
81 04 07 1255		3	1			19.0	6.76					0.001<	0.040<
81 05 19 1300		3	1	0.60	2.05	18	7.31	1<T	0.09			0.001<	0.08 <
81 06 02 1320		3	1	1.00	1.85	19	7.65	1	0.18			0.001<	0.06 <
81 07 09 1145		3	1	1.00	2.70	12	7.42	2	0.05				0.07 <
81 08 13 1510		3	1	0.39	2.15	19	7.30	1	0.03			0.001<	0.06 <
81 10 03 1300		3	1			29	7.65		0.38	7.3	16		
81 10 15 1230		3	1	0.67	2.20	20	7.35	1<T	0.07			0.001<	0.04 <
81 11 16 1615		3	1	1.35	2.40	18	7.32	2	0.08			0.001<	0.08 <
81 12 14 1310		3	1	9.40	2.45	18	7.39	1<T	0.10			0.001<	0.03
MAXIMUM				**9.40**	**2.70**	**29**	**7.65**	**2**	**0.38**	**7.3**	**16**		**0.03**
ARITH MEAN				**2.06**	**2.26**	**19**	**7.30**	**1<A**	**0.12**	**7.3**	**16**		**0.03**
GEOM MEAN				**1.10**	**2.24**	**19**	**7.29**	**1<A**	**0.09**				
MINIMUM				**0.39**	**1.85**	**12**	**6.76**	**1**	**0.03**	**7.3**	**16**		**0.03**
STD DEV (GEOM *)				**3.25**	**0.28**	**4**	**0.25**	**0<A**	**0.11**				
# SAMPLES (IN STATISTICS)				**7**	**7**	**12**	**12**	**7**	**8**	**1**	**1**		**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 19 1230		3	1	0.001		0.006		0.005
81 01 29 1200		3	1	0.001 <	0.007	0.003	0.0002<	0.008
81 03 11 1130		3	1	0.003	0.001	0.020	0.0002<	0.004
81 03 31 1530		3	1	0.003		0.007		0.005
81 04 07 1255		3	1	0.003	0.002	0.003<	0.0005	0.003
81 05 19 1300		3	1	0.002 <	0.002	0.003<	0.0002<	0.003
81 06 02 1320		3	1	0.002 <	0.002	0.003<	0.0002<	0.001<
81 07 09 1145		3	1	0.0020<	0.001	0.003<		0.001<
81 08 13 1510		3	1	0.0010<	0.002	0.003<	0.0001<	0.001
81 10 15 1230		3	1	0.0010	0.004	0.003<	0.0001	0.001
81 11 16 1615		3	1	0.0020	0.003	0.004	0.0001<	0.004
81 12 14 1310		3	1	0.001 <	0.002	0.003<	0.0002	0.002
MAXIMUM				**0.003**	**0.007**	**0.020**	**0.0005**	**0.008**
ARITH MEAN				**0.002**	**0.003**	**0.008**	**0.0003**	**0.004**
GEOM MEAN				**0.001**	**0.002**	**0.006**	**0.0002**	**0.003**
MINIMUM				**0.001**	**0.001**	**0.003**	**0.0001**	**0.001**
STD DEV (GEOM *)				**0.001**	**0.002**	**0.007**	**0.0002**	**0.002**
# SAMPLES (IN STATISTICS)				**6**	**10**	**5**	**3**	**10**

B.O.W. / SITE: **VEUVE RIVER**
SAMPLE POINT: **AT FIRST ROAD UPSTREAM FROM CACHE BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-002-02**
STORET CODE: **02 002 4530**

LAT: LONG: U.T.M.: **17 0572300.0 5133150.0 4** REGION: **05** DISTANCE: **126.330**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 03 22 0930		3	1	23003	4 6	6.370	2.0		0.5	0.032	0.003	0.102	0.630
81 04 19 1100		3	1	23017	6	21.400	9.0	10.00	0.8	0.029	0.001	0.042	0.32
81 05 30 1100		3		23039	6	7.080	20.0	7.00	0.2	0.050	0.019	0.084	0.55
81 06 21 0530		3	1	23061	6	3.490	23.0	8.00	0.8	0.042			0.68
81 07 16 0930		3	1	23083	6	2.290	25.0	7.00	0.6	0.053	0.011	0.010	0.77
81 08 17 1120		3	1	23105		1.450	21.0	8.00	0.8	0.038	0.011	0.062	0.60
81 09 01 1110		3	1	23127	6	0.999	22.0	8.00	0.6	0.040	0.011	0.066	0.62
81 10 03 1200		3	1	23149	6	6.240	10.0	8.00	1.0	0.410		0.030	0.60
81 11 05 1110		3	1	23171	6	7.640	7.0	1.00	1.6U	0.378	0.340	0.020	0.50
81 12 07 0930		3	1	23191	6	7.700	1.0	10.00	0.8	0.028	0.008	0.048	0.52
MAXIMUM						**21.400**	**25.0**	**10.00**	**1.6**	**0.410**	**0.340**	**0.102**	**0.77**
ARITH MEAN						**6.466**	**14.0**	**7.44**	**0.8**	**0.110**	**0.050**	**0.052**	**0.57**
GEOM MEAN						**4.585**	**9.6**	**6.48**	**0.7**	**0.061**	**0.011**	**0.042**	**0.56**
MINIMUM						**0.999**	**1.0**	**1.00**	**0.2**	**0.028**	**0.001**	**0.010**	**0.32**
STD DEV (GEOM *)						**5.847**	**9.2**	**2.65**	**0.4**	**0.150**	**0.117**	**0.030**	**0.12**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**10**	**10**	**8**	**9**	**10**

(CONTD)

B.O.W./SITE: **VEUVE RIVER**
SAMPLE POINT: **AT FIRST ROAD UPSTREAM FROM CACHE BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-002-02**
STORET CODE: **02 002 4530**

LAT: LONG: U.T.M.: **17 0572300.0 5133150.0 4** REGION: **05** DISTANCE: **126.330**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*
81 03 22 0930	3	1		0.010	0.160		0.272	0.528	0.800	84.0	5.0	79.000	122.0
81 04 19 1100	3	1		0.005	0.075	0.080	0.122	0.278	0.400			49	76
81 05 30 1100	3			0.017		0.050		0.466			12	75	115
81 06 21 0530	3	1									5	86	132
81 07 16 0930	3	1		0.069	0.095	0.165	0.174	0.760	0.934			78	120
81 08 17 1120	3	1		0.018	0.005	0.025	0.085	0.538	0.623			137	210
81 09 01 1110	3	1		0.003	0.005	0.010	0.074	0.554	0.628				190
81 10 03 1200	3	1		0.024	0.105	0.130	0.159	0.570	0.729			98	150
81 11 05 1110	3	1		0.019	0.035	0.055	0.074	0.480	0.554		9.4	62	96
81 12 07 0930	3	1		0.004	0.120	0.125	0.172	0.472	0.644		0.6	69	106
MAXIMUM				**0.069**	**0.160**	**0.165**	**0.272**	**0.760**	**0.934**	**84.0**	**12**	**137**	**210**
ARITH MEAN				**0.019**	**0.075**	**0.080**	**0.141**	**0.516**	**0.664**	**84.0**	**6**	**81**	**131**
GEOM MEAN				**0.012**	**0.043**	**0.059**	**0.128**	**0.501**	**0.646**		**4**	**78**	**126**
MINIMUM				**0.003**	**0.005**	**0.010**	**0.074**	**0.278**	**0.400**	**84.0**	**0.6**	**49**	**76**
STD DEV (GEOM *)				**0.020**	**0.056**	**0.055**	**0.068**	**0.126**	**0.161**		**4**	**25**	**41**
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**8**	**9**	**8**	**1**	**5**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*FEUT*	*NAUR*	*COD*	*ALUT*	*CUUT*	*PBUT*
81 03 22 0930	3	1		4.00	4.250		7.04				0.310	0.015	0.003<
81 04 19 1100	3	1		7.70	2.90	20		0.64	2.7	55			
81 05 30 1100	3			5.50	2.15	37	7.78	0.75	3.7	37			
81 06 21 0530	3	1		3.00	4.80		7.76	0.58	4.2	22			
81 07 16 0930	3	1		2.10	2.80	33	7.38	0.81	2.8	30			
81 08 17 1120	3	1		4.80	8.20	81	8.04	0.52	6.0	27			
81 09 01 1110	3	1		2.20	6.90	75	7.83	0.66	5.3	43			
81 10 03 1200	3	1		8.90		48	7.49	0.71	4.9	31			
81 11 05 1110	3	1		8.70	2.65	28	7.72	0.60	2.6	15			
81 12 07 0930	3	1		8.90			7.83	0.72		25			
MAXIMUM				**8.90**	**8.20**	**81**	**8.04**	**0.81**	**6.0**	**55**	**0.310**	**0.015**	
ARITH MEAN				**5.58**	**4.33**	**46**	**7.65**	**0.67**	**4.0**	**32**	**0.310**	**0.015**	
GEOM MEAN				**4.89**	**3.89**	**41**	**7.65**	**0.66**	**3.8**	**30**			
MINIMUM				**2.10**	**2.15**	**20**	**7.04**	**0.52**	**2.6**	**15**	**0.310**	**0.015**	
STD DEV (GEOM *)				**2.78**	**2.19**	**24**	**0.30**	**0.09**	**1.3**	**12**			
# SAMPLES (IN STATISTICS)				**10**	**8**	**7**	**9**	**9**	**8**	**9**	**1**	**1**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ZNUT*	*NIUT*
81 03 22 0930	3	1		0.023	0.010
MAXIMUM				**0.023**	**0.010**
ARITH MEAN				**0.023**	**0.010**
GEOM MEAN					
MINIMUM				**0.023**	**0.010**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W./SITE: **STURGEON RIVER**
SAMPLE POINT: **4MI.DOWNSTREAM FROM HIGHWAY NO.17**
STATION TYPE: **RIVER FLOW GAUGE FED 02DC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNAL**

STATION ID: **03-0133-003-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M.: **17 0579100.0 5130400.0 4** REGION: **05** DISTANCE: **117.318**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 06 11 1130	3	1		22215	8	67.200	18.0	8.50	1.6	0.011	0.001	0.014	0.27
81 06 22 1310	3	1		22218	8	86.600	19.0	8.40	2.0	0.020	0.024	0.062	0.48
81 06 29 1100	3	1		22225	8	98.700		9.00	1.0	0.015	0.010	0.026	0.30
81 07 15 1100	3	1		22232	8	70.400	24.0	7.00	0.8	0.035	0.001<T	0.006	0.38
81 07 21	3	1		22254	8	70.500	23.0	7.20	0.6	0.008	0.001<T	0.020	0.23
81 08 05 1045	3	1		22265	8	48.500	23.0	7.80	1.4	0.010	0.001<T	0.002<T	0.20
81 08 12 1120	3	1		22276	8	33.000	22.5	5.90	3.0	0.035	0.001<T	0.006	0.32
81 10 03 1230	3	1		23150	6	41.300		9.00	0.8	0.152		0.036	0.38
MAXIMUM						**98.700**	**24.0**	**9.00**	**3.0**	**0.152**	**0.024**	**0.062**	**0.48**
ARITH MEAN						**64.525**	**21.6**	**7.85**	**1.4**	**0.036**	**0.006<A**	**0.021<A**	**0.32**
GEOM MEAN						**60.869**	**21.5**	**7.78**	**1.2**	**0.022**	**0.002<A**	**0.014<A**	**0.31**
MINIMUM						**33.000**	**18.0**	**5.90**	**0.6**	**0.008**	**0.001**	**0.002**	**0.20**
STD DEV (GEOM *)						**22.433**	**2.5**	**1.09**	**0.8**	**0.048**	**0.009<A**	**0.020<A**	**0.09**
# SAMPLES (IN STATISTICS)						**8**	**6**	**8**	**8**	**8**	**7**	**8**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURBITY FTU
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*
81 06 11 1130		.3	1	0.002	0.005<T	0.005	0.021	0.256	0.277	1	43	106	
81 06 22 1310		.3	1	0.002	0.010	0.010	0.074	0.418	0.492	3	36	56	
81 06 29 1100		.3	1	0.003	0.015	0.020	0.044	0.274	0.318	3	42	64	
81 07 15 1100		.3	1	0.001	0.005<T	0.005<T	0.012	0.374	0.386	2	44	68	
81 07 21		.3	1	0.001<T	0.020	0.020	0.041	0.210	0.251	2	43	66	
81 08 05 1045		.3	1	0.001<T	0.005	0.005	0.008	0.198	0.206	4.7	57	87	
81 08 12 1120		.3	1	0.001<T	0.005<T	0.005<T	0.012	0.314	0.326	3.2	53	82	
81 10 03 1230		.3	1					0.344			36	56	1.36
	MAXIMUM			**0.003**	**0.020**	**0.020**	**0.074**	**0.418**	**0.492**	**4.7**	**57**	**106**	**1.36**
	ARITH MEAN			**0.002<A**	**0.009<A**	**0.010<A**	**0.038**	**0.283**	**0.309**	**2**	**44**	**73**	**1.36**
	GEOM MEAN			**0.001<A**	**0.008<A**	**0.008<A**	**0.030**	**0.274**	**0.295**	**2**	**44**	**71**	
	MINIMUM			**0.001**	**0.005**	**0.005**	**0.008**	**0.198**	**0.206**	**1**	**36**	**56**	**1.36**
	STD DEV (GEOM *)			**0.001<A**	**0.006<A**	**0.007<A**	**0.025**	**0.084**	**0.110**	**1**	**7**	**17**	
	# SAMPLES (IN STATISTICS)			**7**	**7**	**7**	**5**	**6**	**5**	**7**	**8**	**8**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*CAUR*	*NAUR*	*COD*	*DOC*
81 06 11 1130		.3	1		12.5	22	7.37	6.6	2.3	19	
81 06 22 1310		.3	1		13.0	17	7.34	6.2	2.3	29	
81 06 29 1100		.3	1		11.5	23	7.19	6.6	2.2	23	
81 07 15 1100		.3	1		12.5	121	7.00	6.4	2.3	32	
81 07 21		.3	1		12.5	19	7.39	7.8	1.0	10	
81 08 05 1045		.3	1		14.5	22	6.90	8.6	3.3	12	
81 08 12 1120		.3	1		14.0	23	7.09	7.6	3.0	42	
81 10 03 1230		.3	1	4.80	15.5	8	6.18			30	11.0
	MAXIMUM			**4.80**	**15.5**	**121**	**7.39**	**8.6**	**3.3**	**42**	**11.0**
	ARITH MEAN			**4.80**	**13.2**	**32**	**7.06**	**7.1**	**2.3**	**25**	**11.0**
	GEOM MEAN				**13.2**	**23**	**7.05**	**7.1**	**2.2**	**22**	
	MINIMUM			**4.80**	**11.5**	**8**	**6.18**	**6.2**	**1.0**	**10**	**11.0**
	STD DEV (GEOM *)				**1.3**	**36**	**0.40**	**0.9**	**0.7**	**11**	
	# SAMPLES (IN STATISTICS)			**1**	**8**	**8**	**8**	**7**	**7**	**8**	**1**

B.O.W./ SITE: **STURGEON RIVER**
SAMPLE POINT: **AT BRIDGE IN STURGEON FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02DC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNAL**

STATION ID: **03-0133-004-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M.: **17 0581900.0 5135500.0 4** REGION: **05** DISTANCE: **124.077**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 06 11 1250		.3	1	22216	8	67.200	17.0	8.90	0.2	0.009	0.001	0.014	0.24
81 06 22 1310		.3	1	22219	8	86.600	19.0	8.90	0.6	0.016	0.001	0.024	0.27
81 06 29 1100		.3	1	22227	8	98.700	19.0	9.00	0.2<T	0.015	0.001<T	0.028	0.30
81 07 15 1200		.3	1	22234	8	70.400	24.0	7.80	0.2<T	0.022	0.007	0.028	0.25
81 07 21		.3		22256	8	70.500	23.0	8.30	1.8	0.016	0.001<T	0.002<T	0.31
81 08 05 1120		.3	1	22267	8	48.500	23.0	8.20	0.6	0.006	0.001<T	0.006	0.19
81 08 12 1120		.3	1	22277	8	33.000	22.0	8.40	1.0	0.009	0.001<T	0.024	0.23
	MAXIMUM					**98.700**	**24.0**	**9.00**	**1.8**	**0.022**	**0.007**	**0.028**	**0.31**
	ARITH MEAN					**67.843**	**21.0**	**8.50**	**0.7<A**	**0.013**	**0.002<A**	**0.018<A**	**0.26**
	GEOM MEAN					**64.337**	**20.9**	**8.49**	**0.5<A**	**0.012**	**0.001<A**	**0.013<A**	**0.25**
	MINIMUM					**33.000**	**17.0**	**7.80**	**0.2**	**0.006**	**0.001**	**0.002**	**0.19**
	STD DEV (GEOM *)					**22.008**	**2.6**	**0.45**	**0.6<A**	**0.006**	**0.002<A**	**0.011<A**	**0.04**
	# SAMPLES (IN STATISTICS)					**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*
81 06 11 1250		.3	1	0.002	0.040	0.040	0.056	0.226	0.282	2	39	66	12.0
81 06 22 1310		.3	1	0.002	0.040	0.040	0.066	0.246	0.312	2	36	56	12.5
81 06 29 1100		.3	1	0.002	0.040	0.040	0.070	0.272	0.342	4	38	58	11.5
81 07 15 1200		.3	1	0.001	0.024	0.025	0.053	0.222	0.275	1 <T	40	62	21.5
81 07 21		.3		0.001<T	0.005<T	0.005<T	0.008	0.308	0.316	6	44	68	13.0
81 08 05 1120		.3	1	0.001<T	0.005	0.005	0.012	0.184	0.196	2.5	48	74	13.5
81 08 12 1120		.3	1	0.001<T	0.015	0.015	0.040	0.206	0.246	0.9	47	72	13.0
	MAXIMUM			**0.002**	**0.040**	**0.040**	**0.070**	**0.272**	**0.342**	**6**	**48**	**74**	**21.5**
	ARITH MEAN			**0.001<A**	**0.024<A**	**0.024<A**	**0.049**	**0.226**	**0.275**	**2 <A**	**42**	**65**	**13.9**
	GEOM MEAN			**0.001<A**	**0.018<A**	**0.018<A**	**0.043**	**0.224**	**0.271**	**2 <A**	**41**	**65**	**13.6**
	MINIMUM			**0.001**	**0.005**	**0.005**	**0.012**	**0.184**	**0.196**	**0.9**	**36**	**56**	**11.5**
	STD DEV (GEOM *)			**0.001<A**	**0.016<A**	**0.016<A**	**0.021**	**0.031**	**0.051**	**1 <A**	**5**	**7**	**3.4**
	# SAMPLES (IN STATISTICS)			**7**	**7**	**7**	**6**	**6**	**6**	**7**	**7**	**7**	**7**

(CONTD)

B.O.W./SITE: **STURGEON RIVER**
SAMPLE POINT: **AT BRIDGE IN STURGEON FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02DC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNAL**

STATION ID: **03-0133-004-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0581900.0 5135500.0 4** REGION: **05** DISTANCE: **124.077**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*ALKT*	*PH*	*CAUR*	*NAUR*	*COD*
81 06 11 1250		3	1	21	7.41	6.4	1.2	14
81 06 22 1310		3	1	18	7.69	6.2	1.0	20
81 06 29 1100		3	1	17	7.29	6.4	1.0	12
81 07 15 1200		3	1	17	7.24	6.4	1.1	4
81 07 21		3		19	7.01	7.0	2.3	28
81 08 05 1120		3	1	19	7.31	7.8	1.2	2
81 08 12 1120		3	1	20	7.44	7.6	1.1	27
	MAXIMUM			**21**	**7.69**	**7.8**	**2.3**	**28**
	ARITH MEAN			**19**	**7.34**	**6.8**	**1.3**	**15**
	GEOM MEAN			**19**	**7.34**	**6.8**	**1.2**	**11**
	MINIMUM			**17**	**7.01**	**6.2**	**1.0**	**2**
	STD DEV (GEOM *)			**1**	**0.21**	**0.6**	**0.5**	**10**
	# SAMPLES (IN STATISTICS)			**7**	**7**	**7**	**7**	**7**

B.O.W./SITE: **CALLANDER BAY**
SAMPLE POINT: **NEAR DOCKS CALLANDER BAY**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-009-01**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0625550.0 5119700.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 05 31 0910		3		23047	6	18.0	9.00	0.4	0.025		0.084	0.55	0.002
81 06 18 0910		3	1	23069	6	21.0	9.00	1.2	0.043			0.54	
81 07 16 0125		3	1	23091	6			1.0	0.026	0.008	0.354	0.77	0.002
81 08 17 1520		3	1	23113		19.0	9.00	1.4	0.035	0.013	0.238	0.68	0.006
81 09 17 0900		3	1	23135	6	20.0	8.00	1.0	0.032	0.013	0.006	0.50	0.008
81 10 04 0900		3	1	23157	6	10.0	7.00	0.6	0.038	0.014	0.096	0.48	0.003
81 11 09 0830		3	1	23179	6	6.0	8.00	1.0		0.009			0.004
	MAXIMUM					**21.0**	**9.00**	**1.4**	**0.043**	**0.014**	**0.354**	**0.77**	**0.006**
	ARITH MEAN					**15.7**	**8.33**	**0.9**	**0.033**	**0.011**	**0.156**	**0.59**	**0.004**
	GEOM MEAN					**14.3**	**8.30**	**0.9**	**0.033**	**0.011**	**0.084**	**0.58**	**0.004**
	MINIMUM					**6.0**	**7.00**	**0.4**	**0.025**	**0.008**	**0.006**	**0.48**	**0.002**
	STD DEV (GEOM *)					**6.2**	**0.82**	**0.3**	**0.007**	**0.003**	**0.139**	**0.11**	**0.002**
	# SAMPLES (IN STATISTICS)					**6**	**6**	**7**	**6**	**5**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*
81 05 31 0910		3		0.010	0.010	0.096	0.466	0.562	9	51	78	20	7.69
81 06 18 0910		3	1						5	49	76		7.60
81 07 16 0125		3	1	0.015	0.015	0.371	0.416	0.787	3	49	76	20	7.24
81 08 17 1520		3	1	0.015	0.020	0.259	0.442	0.701	2.9	48	74	6	7.05
81 09 17 0900		3	1	0.055	0.065	0.069	0.494	0.563		62	95	30	7.75
81 10 04 0900		3	1	0.020	0.025	0.119	0.384	0.503		48	74	21	7.46
81 11 09 0830		3	1	0.030	0.035				0.3	55	84	25	7.44
	MAXIMUM			**0.055**	**0.065**	**0.371**	**0.494**	**0.787**	**9**	**62**	**95**	**30**	**7.75**
	ARITH MEAN			**0.024**	**0.028**	**0.183**	**0.440**	**0.623**	**4**	**52**	**80**	**20**	**7.46**
	GEOM MEAN			**0.021**	**0.024**	**0.150**	**0.439**	**0.615**	**2**	**52**	**79**	**18**	**7.46**
	MINIMUM			**0.010**	**0.010**	**0.069**	**0.384**	**0.503**	**0.3**	**48**	**74**	**6**	**7.05**
	STD DEV (GEOM *)			**0.017**	**0.020**	**0.128**	**0.043**	**0.117**	**3**	**5**	**8**	**8**	**0.25**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**5**	**5**	**5**	**5**	**7**	**7**	**6**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*FEUT*	*NAUR*	*COD*
81 05 31 0910		3		0.29	3.8	22
81 06 18 0910		3	1	0.19	3.9	
81 07 16 0125		3	1	0.16	3.0	20
81 08 17 1520		3	1	0.24	3.1	12
81 09 17 0900		3	1	0.18	5.3	18
81 10 04 0900		3	1	0.23	2.9	0
81 11 09 0830		3	1	0.31		6
	MAXIMUM			**0.31**	**5.3**	**22**
	ARITH MEAN			**0.23**	**3.7**	**16**
	GEOM MEAN			**0.22**	**3.6**	**14**
	MINIMUM			**0.16**	**2.9**	**6**
	STD DEV (GEOM *)			**0.06**	**0.9**	**7**
	# SAMPLES (IN STATISTICS)			**7**	**6**	**5**

B.O.W./ SITE: **LAKE NIPISSING**
SAMPLE POINT: **AT AMELIA BEACH NORTH BAY**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-010-01**
STORET CODE: **02 002 5430**

LAT: LONG: U T M: **17 0618350.0 5127950.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 04 19 1230		.3	1	23020	6	6 0	11 00	0 8	0 032	0 008	0 120	0 51	0 040
81 05 30 1230		.3		23043	6	20 0	8 00	1 0	0 050		0 006	0 60	0 033
81 06 21 0750		.3	1	23065	6	22 0	9 00	0 8	0 044			0 69	
81 07 16 1120		.3	1	23087	6	23 0	8 00	0 6	0 020	0 007	0 128	0 47	0 005
81 08 17 1320		.3	1	23109		19 0		0 8	0 024	0 008	0 100	0 40	0 008
81 09 01 1315		.3	1	23131	6	22 0	8 00	1 4	0 052	0 011	0 190	0 62	0 039
81 10 03 1400		.3	1	23153	6	10 0	7 00	1 8	0 230	0 165	0 026	0 58	0 003
81 11 05 1330		.3	1	23175	6	8 0	11 00	5 2U	0 092	0 045	0 004	0 55	
MAXIMUM						**23.0**	**11.00**	**5.2**	**0.230**	**0.165**	**0.190**	**0.69**	**0.040**
ARITH MEAN						**16.2**	**8.86**	**1.5**	**0.068**	**0.041**	**0.082**	**0.55**	**0.021**
GEOM MEAN						**14.6**	**8.74**	**1.2**	**0.050**	**0.018**	**0.041**	**0.55**	**0.014**
MINIMUM						**6.0**	**7.00**	**0.6**	**0.020**	**0.007**	**0.004**	**0.40**	**0.003**
STD DEV (GEOM *)						**7.0**	**1.57**	**1.5**	**0.069**	**0.063**	**0.071**	**0.09**	**0.018**
# SAMPLES (IN STATISTICS)						**8**	**7**	**8**	**8**	**6**	**7**	**8**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*
81 04 19 1230		.3	1	0 190	0 230	0 350	0 390	0 740		65	100	19	7 63
81 05 30 1230		.3		1 020	1 050	1 059	0 594	1 653	15	117	180	23	7 32
81 06 21 0750		.3	1						4	61	94		7 48
81 07 16 1120		.3	1	0 055	0 060	0 188	0 342	0 530	3	55	85	23	7 51
81 08 17 1320		.3	1	0 075	0 085	0 183	0 300	0 483		72	110	24	7 28
81 09 01 1315		.3	1	0 115	0 155	0 344	0 430	0 774	8 3	75	116	23	7 26
81 10 03 1400		.3	1	0 985	0 990	1 014	0 554	1 568		127	195	29	7 25
81 11 05 1330		.3	1		0 690		0 546	1 240	4 0	82	126	26	7 34
MAXIMUM				**1.020**	**1.050**	**1.059**	**0.594**	**1.653**	**15**	**127**	**195**	**29**	**7.63**
ARITH MEAN				**0.407**	**0.466**	**0.523**	**0.451**	**0.998**	**6**	**82**	**126**	**24**	**7.38**
GEOM MEAN				**0.212**	**0.279**	**0.406**	**0.438**	**0.898**	**5**	**78**	**121**	**24**	**7.38**
MINIMUM				**0.055**	**0.060**	**0.183**	**0.300**	**0.483**	**3**	**55**	**85**	**19**	**7.26**
STD DEV (GEOM *)				**0.464**	**0.434**	**0.405**	**0.115**	**0.485**	**5**	**26**	**40**	**3**	**0.14**
# SAMPLES (IN STATISTICS)				**6**	**7**	**6**	**7**	**7**	**5**	**8**	**8**	**7**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*FEUT*	*NAUR*	*COD*
81 04 19 1230		.3	1	0 36	7 3	63
81 05 30 1230		.3		1 70	20 0	18
81 06 21 0750		.3	1	0 29		16
81 07 16 1120		.3	1	0 15	3 7	20
81 08 17 1320		.3	1	0 25	6 9	19
81 09 01 1315		.3	1	0 40	8 1	47
81 10 03 1400		.3	1	1 10		28
81 11 05 1330		.3	1	0 38	9 9	13
MAXIMUM				**1.70**	**20.0**	**63**
ARITH MEAN				**0.58**	**9.3**	**28**
GEOM MEAN				**0.43**	**8.2**	**24**
MINIMUM				**0.15**	**3.7**	**13**
STD DEV (GEOM *)				**0.54**	**5.6**	**18**
# SAMPLES (IN STATISTICS)				**8**	**6**	**8**

B.O.W./ SITE: **LAKE NIPISSING**
SAMPLE POINT: **DOWNSTREAM GOVERNMENT DOCKS NORTH BAY**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-011-01**
STORET CODE: **02 002 5430**

LAT: LONG: U T M: **17 0617700.0 5129450.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 04 19 1200		.3	1	23019	6	5 0	13 00	0 4	0 026	0 010	0 072	0 39	0 008
81 05 30 1200		.3		23041	6	20 0	8 00	0 2	0 050		0 090	0 42	0 006
81 06 21 0650		.3	1	23063	6	21 0	9 00	0 4	0 027			0 48	
81 07 16 1045		.3	1	23085	6	23 0	6 00	0 6	0 018	0 013	0 108	0 45	0 031
81 08 17 1220		.3	1	23107		19 0	9 00	0 2	0 018	0 007	0 062	0 32	0 002
81 09 01 1230		.3	1	23129	6	22 6	8 00	0 8	0 036	0 022	0 196	0 51	0 007
81 11 05 1230		.3	1	23173	6	8 0	11 00	2 2U	0 190		0 004	0 58	
MAXIMUM						**23.0**	**13.00**	**2.2**	**0.190**	**0.022**	**0.196**	**0.58**	**0.031**
ARITH MEAN						**16.9**	**9.14**	**0.7**	**0.052**	**0.013**	**0.089**	**0.45**	**0.011**
GEOM MEAN						**14.9**	**8.91**	**0.5**	**0.036**	**0.012**	**0.057**	**0.44**	**0.007**
MINIMUM						**5.0**	**6.00**	**0.2**	**0.018**	**0.007**	**0.004**	**0.32**	**0.002**
STD DEV (GEOM *)						**7.3**	**2.27**	**0.7**	**0.062**	**0.006**	**0.063**	**0.08**	**0.012**
# SAMPLES (IN STATISTICS)						**7**	**7**	**7**	**7**	**4**	**6**	**7**	**5**

(CONTD)

B.O.W./ SITE: **LAKE NIPISSING**
SAMPLE POINT: **DOWNSTREAM GOVERNMENT DOCKS NORTH BAY**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-011-01**
STORET CODE: **02 002 5430**

LAT. LONG. U T M: **17 0617700.0 5129450.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*
81 04 19 1200		3	1	0.080	0.090	0.160	0.318	0.478		46	70	19	7.73
81 05 30 1200		3		0.055	0.060	0.151	0.330	0.481	11	57	88	21	7.36
81 06 21 0650		3	1						3	55	84	22	7.33
81 07 16 1045		3	1	0.040	0.070	0.179	0.342	0.521		52	80	22	7.72
81 08 17 1220		3	1	0.015	0.015	0.079	0.258	0.337		57	88	22	7.74
81 09 01 1230		3	1	0.040	0.045	0.243	0.314	0.557	4.2	57	88	23	7.26
81 11 05 1230		3	1		0.310		0.576	0.890	0.4	62	96	25	7.48
MAXIMUM				**0.080**	**0.310**	**0.243**	**0.576**	**0.890**	**11**	**62**	**96**	**25**	**7.74**
ARITH MEAN				**0.046**	**0.098**	**0.162**	**0.356**	**0.544**	**4**	**55**	**85**	**22**	**7.52**
GEOM MEAN				**0.040**	**0.066**	**0.153**	**0.345**	**0.521**	**2**	**55**	**85**	**22**	**7.51**
MINIMUM				**0.015**	**0.015**	**0.079**	**0.258**	**0.337**	**0.4**	**46**	**70**	**19**	**7.26**
STD DEV (GEOM *)				**0.024**	**0.107**	**0.059**	**0.111**	**0.185**	**4**	**5**	**8**	**2**	**0.21**
# SAMPLES (IN STATISTICS)				**5**	**6**	**5**	**6**	**6**	**4**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*FEUT*	*NAUR*	*COD*
81 04 19 1200		3	1	0.22	4.5	32
81 05 30 1200		3		0.45	5.1	18
81 06 21 0650		3	1	0.26	5.0	12
81 07 16 1045		3	1	0.18	3.6	26
81 08 17 1220		3	1	0.14	3.9	25
81 09 01 1230		3	1	0.39	4.0	35
81 11 05 1230		3	1	0.30		12
MAXIMUM				**0.45**	**5.1**	**35**
ARITH MEAN				**0.28**	**4.3**	**23**
GEOM MEAN				**0.26**	**4.3**	**21**
MINIMUM				**0.14**	**3.6**	**12**
STD DEV (GEOM *)				**0.11**	**0.6**	**9**
# SAMPLES (IN STATISTICS)				**7**	**6**	**7**

B.O.W./ SITE: **DUCHESNAY RIVER**
SAMPLE POINT: **HWY.17 UPSTREAM OF NORDFIBRE**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-012-02**
STORET CODE: **02 002 5430**

LAT. LONG. U T M: **17 0614750.0 5131999.0 4** REGION: **05** DISTANCE: **114.743**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNKUR*
81 04 19 0820		3	1	23014	6	3.040	4.0	12.00	0.014	0.001	0.026	0.36	0.334
81 05 30 0820		3		23036	6	1.510	18.0	9.00	0.190	0.125	0.114	0.62	0.506
81 06 21 0320		3	1	23058	6	0.792	19.0	9.00	0.045	0.012	0.058	0.68	0.622
81 07 16 0720		3	1	23080	6	0.199	18.0	9.00	0.160	0.067	0.066	0.88	0.814
81 08 17 0900		3	1	23102	6	0.210	16.0	9.00	0.048	0.007	0.038	0.70	0.662
81 09 01 0820		3	1	23124	6	1.440	20.0	9.00	0.070	0.023	0.058	0.80	0.742
81 11 05 0900		3	1	23168	6	0.849	5.0	12.00	0.205	0.145	0.010	0.42	0.410
MAXIMUM						**3.040**	**20.0**	**12.00**	**0.205**	**0.145**	**0.114**	**0.88**	**0.814**
ARITH MEAN						**1.149**	**14.3**	**9.86**	**0.105**	**0.054**	**0.053**	**0.64**	**0.584**
GEOM MEAN						**0.786**	**12.2**	**9.77**	**0.075**	**0.022**	**0.042**	**0.61**	**0.560**
MINIMUM						**0.199**	**4.0**	**9.00**	**0.014**	**0.001**	**0.010**	**0.36**	**0.334**
STD DEV (GEOM *)						**0.983**	**6.8**	**1.46**	**0.078**	**0.059**	**0.034**	**0.19**	**0.175**
# SAMPLES (IN STATISTICS)						**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG
TEST-NAME:				*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*
81 04 19 0820		3	1	5	37	1.20	2.20	3	1<T	0.31	9	2.6	0.55
81 05 30 0820		3		7	47	2.00	4.45	6	2	0.75	11	3.0	0.75
81 06 21 0320		3	1	3	39	0.10	2.85	6	1	1.04	9	2.4	0.65
81 07 16 0720		3	1	4	58	3.50	6.65	5	1<T	2.05	12	3.4	0.90
81 08 17 0900		3	1	6.0	58	2.10	5.45	3	1<T	1.45	14	4.0	1.10
81 09 01 0820		3	1	7.6	62	1.37	4.05	5	1	1.14	17	4.8	1.30
81 11 05 0900		3	1	1.4	44	0.85	3.30	4	1<T	0.41	12	3.4	0.90
MAXIMUM				**7.6**	**62**	**3.50**	**6.65**	**6**	**2**	**2.05**	**17**	**4.8**	**1.30**
ARITH MEAN				**4**	**49**	**1.59**	**4.14**	**5**	**1<A**	**1.02**	**12**	**3.4**	**0.88**
GEOM MEAN				**4**	**48**	**1.11**	**3.89**	**4**	**1<A**	**0.86**	**12**	**3.3**	**0.85**
MINIMUM				**1.4**	**37**	**0.10**	**2.20**	**3**	**1**	**0.31**	**9**	**2.4**	**0.55**
STD DEV (GEOM *)				**2**	**10**	**1.08**	**1.54**	**1**	**0<A**	**0.61**	**3**	**0.8**	**0.26**
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 04 19 0820	.3	1		0.001<	0.003	0.003<	0.017	0.003 <
81 05 30 0820	.3			0.001<	0.130	0.006	0.016	0.004
81 06 21 0320	.3	1		0.001<	0.003	0.003<	0.011	0.0020<
81 07 16 0720	.3	1		0.001<	0.120	0.003<	0.013	0.0020<
81 08 17 0900	.3	1		0.001<	0.007	0.003<	0.014	0.0020
81 09 01 0820	.3	1		0.001<	0.029	0.003<	0.016	0.0030
81 11 05 0900	.3	1		0.001<	0.004	0.003<	0.021	0.0030
MAXIMUM					**0.130**	**0.006**	**0.021**	**0.004**
ARITH MEAN					**0.042**	**0.006**	**0.015**	**0.003**
GEOM MEAN					**0.014**		**0.015**	**0.002**
MINIMUM					**0.003**	**0.006**	**0.011**	**0.0020**
STD DEV (GEOM *)					**0.057**		**0.003**	**0.000**
# SAMPLES (IN STATISTICS)					7	1	7	4

B.O.W./ SITE: **DUCHESNAY RIVER**
SAMPLE POINT: **HWY.17B DOWNSTREAM OF NORDFIBRE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-013-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0615150.0 5131400.0 4** REGION: **05** DISTANCE: **114.260**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	RSP RESIDUE PARTIC. MG/L
81 04 19 1130	.3	1		23018	6	5.0	13.00	0.6	0.016	0.034	0.34	0.306	3
81 05 30 1130	.3			23040	6	20.0	9.00	0.4	0.025	0.092	0.60	0.508	6
81 06 21 0620	.3	1		23062	6	19.0	9.00	0.8	0.068		0.58		3
81 07 16 1015	.3	1		23084	6	21.0	8.00	0.6	0.062	0.126	0.75	0.624	4
81 08 17 1200	.3	1		23106		16.0	9.00	0.6	0.055	0.060	0.78	0.720	2.4
81 09 01 1200	.3	1		23128	6	20.0	9.00	0.8	0.052	0.062	0.80	0.738	9.6
81 11 05 1155	.3	1		23172	6	5.0	12.00	0.2U	0.025	0.026	0.40	0.374	2.2
MAXIMUM						**21.0**	**13.00**	**0.8**	**0.068**	**0.126**	**0.80**	**0.738**	**9.6**
ARITH MEAN						**15.1**	**9.86**	**0.6**	**0.043**	**0.067**	**0.61**	**0.545**	**4**
GEOM MEAN						**13.0**	**9.72**	**0.5**	**0.038**	**0.058**	**0.58**	**0.518**	**3**
MINIMUM						**5.0**	**8.00**	**0.2**	**0.016**	**0.026**	**0.34**	**0.306**	**2.2**
STD DEV (GEOM *)						**7.1**	**1.86**	**0.2**	**0.021**	**0.037**	**0.18**	**0.180**	**2**
# SAMPLES (IN STATISTICS)						7	7	7	7	6	7	6	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C
81 04 19 1130	.3	1		29	45	1.40	3.80	10.0	5	6.78	53	6.9
81 05 30 1130	.3			38.0	58	1.50	7.30	9.5	7	7.52	9	10.1
81 06 21 0620	.3	1		34	52	1.40	5.50	11.5		6.65	37	13.9
81 07 16 1015	.3	1		59	90	3.50	11.50	12.0	15	7.14	46	12.9
81 08 17 1200	.3	1		60	92	2.20	11.50	13.0	12	7.25	39	11.4
81 09 01 1200	.3	1		48	74	1.60	5.70	17.0	9	6.76	62	15.0
81 11 05 1155	.3	1		38	58	1.04	5.55	12.5	9	7.58	13	1.8
MAXIMUM				**60**	**92**	**3.50**	**11.50**	**17.0**	**15**	**7.58**	**62**	**15.0**
ARITH MEAN				**43**	**67**	**1.81**	**7.26**	**12.2**	**9**	**7.10**	**37**	**10.3**
GEOM MEAN				**42**	**65**	**1.68**	**6.75**	**12.0**	**9**	**7.09**	**31**	**8.7**
MINIMUM				**29**	**45**	**1.04**	**3.80**	**9.5**	**5**	**6.65**	**9**	**1.8**
STD DEV (GEOM *)				**12**	**19**	**0.82**	**3.07**	**2.5**	**4**	**0.38**	**20**	**4.6**
# SAMPLES (IN STATISTICS)				7	7	7	7	7	6	7	7	7

B.O.W./ SITE: **LA VASE RIVER**
SAMPLE POINT: **UPSTREAM FROM DUPONT NORTH BAY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02DD101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-014-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0624650.0 5125300.0 4** REGION: **05** DISTANCE: **121.180**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	RSP RESIDUE PARTIC. MG/L
81 04 19 1800	.3	1		23031	6	8.0	11.00	0.034	0.007	0.058	0.58	0.522	6
81 05 31	.3			23054	6	18.0	8.00	0.062	0.016	0.136	1.02	0.884	14
81 06 18 1300	.3	1		23076	6	18.0	9.00	0.312		0.060	1.30	1.240	21
81 07 16 0520	.3	1		23098	6	22.0	7.00	0.142	0.045	0.006	1.20	1.194	10
81 08 17 2000	.3	1		23120		20.0	8.00	0.112	0.043	0.200	1.12	0.920	11.7
81 09 14 1300	.3	1		23142		19.0	8.00	0.098	0.026	0.004	1.10	1.096	
81 10 04 1310	.3	1		23164	6	10.0	9.00	0.200	0.130	0.262	1.12	0.858	
81 11 09 1330	.3	1		23186	6	4.0	11.00	0.098	0.044	0.032	0.75	0.718	6.5
MAXIMUM						**22.0**	**11.00**	**0.312**	**0.130**	**0.262**	**1.30**	**1.240**	**21**
ARITH MEAN						**14.9**	**8.87**	**0.132**	**0.044**	**0.095**	**1.02**	**0.929**	**11**
GEOM MEAN						**13.1**	**8.77**	**0.109**	**0.032**	**0.046**	**0.99**	**0.898**	**10**
MINIMUM						**4.0**	**7.00**	**0.034**	**0.007**	**0.004**	**0.58**	**0.522**	**6**
STD DEV (GEOM *)						**6.6**	**1.46**	**0.088**	**0.041**	**0.095**	**0.24**	**0.243**	**5**
# SAMPLES (IN STATISTICS)						8	8	8	7	8	8	8	6

(CONTD)

B.O.W./ SITE: **LA VASE RIVER**
SAMPLE POINT: **UPSTREAM FROM DUPONT NORTH BAY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02DD101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-014-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0624650.0 5125300.0 4** REGION: **05** DISTANCE: **121.180**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*ASUT*
81 04 19 1800		.3	1	64	6.20	6.85	17	1<T	0.74	21	5.0	2.05	0.001<
81 05 31		.3		66	8.50	7.70	28	1	1.04	33	7.4	3.50	0.001<
81 06 18 1300		.3	1	74	9.80	4.30	23	1	1.90	28	6.4	2.90	0.001<
81 07 16 0520		.3	1	175	7.30	21.00	46	1<T	2.60	54	12.2	5.80	0.001<
81 08 17 2000		.3	1	68	6.40	31.00	46	1<T	1.32	60	13.8	6.10	0.001<
81 09 14 1300		.3	1	100	14.60	6.90	27	3	1.60	32	8.0	3.05	0.001<
81 10 04 1310		.3	1	102	5.90	7.50	27	1	1.05	33	8.0	3.20	0.001<
81 11 09 1330		.3	1	86	6.70	6.35	20	1<T	0.88	27	6.4	2.70	0.001<
MAXIMUM				**175**	**14.60**	**31.00**	**46**	**3**	**2.60**	**60**	**13.8**	**6.10**	
ARITH MEAN				**92**	**8.17**	**11.45**	**29**	**1<A**	**1.39**	**36**	**8.4**	**3.66**	
GEOM MEAN				**87**	**7.82**	**9.14**	**28**	**1<A**	**1.28**	**34**	**8.0**	**3.44**	
MINIMUM				**64**	**5.90**	**4.30**	**17**	**1**	**0.74**	**21**	**5.0**	**2.05**	
STD DEV (GEOM *)				**37**	**2.91**	**9.43**	**11**	**1<A**	**0.62**	**14**	**3.0**	**1.48**	
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 04 19 1800		.3	1	0.004	0.003<	0.011	0.003 <
81 05 31		.3		0.005	0.006	0.033	0.008
81 06 18 1300		.3	1	0.770	0.003<	0.020	0.0080
81 07 16 0520		.3	1	0.003	0.003<	0.005	0.0020<
81 08 17 2000		.3	1	0.004	0.003<	0.011	0.0010<
81 09 14 1300		.3	1	0.150	0.003<	0.071	0.0120
81 10 04 1310		.3	1	0.003	0.003<	0.015	0.0040
81 11 09 1330		.3	1	0.001	0.003<	0.011	0.0030
MAXIMUM				**0.770**	**0.006**	**0.071**	**0.0120**
ARITH MEAN				**0.117**	**0.006**	**0.022**	**0.007**
GEOM MEAN				**0.010**		**0.016**	**0.006**
MINIMUM				**0.001**	**0.006**	**0.005**	**0.0030**
STD DEV (GEOM *)				**0.269**		**0.021**	**0.003**
# SAMPLES (IN STATISTICS)				**8**	**1**	**8**	**5**

B.O.W./ SITE: **LA VASE RIVER**
SAMPLE POINT: **DOWNSTREAM FROM DUPONT NORTH BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-015-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0623100.0 5123750.0 4** REGION: **05** DISTANCE: **120.698**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 04 19 1320		.3	1	23022	6	8.0	11.00	0.040	0.112	0.66	0.015	0.585	0.600
81 05 30 1320		.3		23045	6	22.0	7.00						
81 06 18 0800		.3	1	23067	6	21.0	8.00	0.085	0.030	1.12	0.006	0.695	0.700
81 07 16 1220		.3	1	23089	6	22.0	7.00	0.065	0.010	1.18	0.006	3.045	3.050
81 08 17 1430		.3	1	23111		20.0	8.00	0.055	0.138				
81 09 01 1415		.3	1	23133	6	22.0	7.00	0.062	0.014	1.28	0.081	1.570	1.650
81 10 03 1510		.3	1	23156	6	9.0	9.00	0.048	0.004	0.85	0.004	0.785	0.790
81 11 05 1450		.3	1	23178	6	7.0	10.00	0.258	0.006	0.72	0.007	0.745	0.750
MAXIMUM						**22.0**	**11.00**	**0.258**	**0.138**	**1.28**	**0.081**	**3.045**	**3.050**
ARITH MEAN						**16.4**	**8.37**	**0.088**	**0.046**	**0.97**	**0.020**	**1.237**	**1.257**
GEOM MEAN						**14.8**	**8.26**	**0.071**	**0.021**	**0.94**	**0.010**	**1.022**	**1.038**
MINIMUM						**7.0**	**7.00**	**0.040**	**0.004**	**0.66**	**0.004**	**0.585**	**0.600**
STD DEV (GEOM *)						**7.0**	**1.51**	**0.076**	**0.056**	**0.26**	**0.030**	**0.953**	**0.958**
# SAMPLES (IN STATISTICS)						**8**	**8**	**7**	**7**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*COND25*	*SSO4UR*	*ALKT*	*PH*	*CCNAUR*
81 04 19 1320		.3	1	0.712	0.548	1.260	7	88	10.0	13	7.37	
81 05 30 1320		.3					7	114	8.0	20	7.12	0.010P
81 06 18 0800		.3	1	0.731	1.090	1.821	13	84	19.0	20	7.04	
81 07 16 1220		.3	1	3.061	1.170	4.231	6	155		28	7.04	
81 08 17 1430		.3	1						11.5	25		
81 09 01 1415		.3	1	1.665	1.266	2.931	11.7	138		24	7.13	
81 10 03 1510		.3	1	0.793	0.846	1.639		106		22	6.83	
81 11 05 1450		.3	1	0.758	0.714	1.472	4.7	100		22	7.21	
MAXIMUM				**3.061**	**1.266**	**4.231**	**13**	**155**	**19.0**	**28**	**7.37**	**0.010**
ARITH MEAN				**1.287**	**0.939**	**2.226**	**8**	**112**	**12.1**	**22**	**7.11**	**0.010**
GEOM MEAN				**1.081**	**0.901**	**2.024**	**7**	**110**	**11.5**	**21**	**7.10**	
MINIMUM				**0.712**	**0.548**	**1.260**	**4.7**	**84**	**8.0**	**13**	**6.83**	**0.010**
STD DEV (GEOM *)				**0.944**	**0.281**	**1.143**	**3**	**26**	**4.8**	**4**	**0.17**	
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**7**	**4**	**8**	**7**	**1**

B.O.W./ SITE: **STURGEON RIVER**
SAMPLE POINT: **FIRST BRIDGE UPSTREAM FROM CRYSTAL FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02DC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-017-02**
STORET CODE: **02 002 5430**

LAT: LONG: U T M: **17 0584400.0 5145850.0 4** REGION: **05** DISTANCE: **140.492**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 03 22 0900		3	1	23002	4 6	91.700	2.0		0 5	0 017	0 002	0 050	0 370
81 04 19 0920		3	1	23015	6	378.000	6.0	12.00	0 6	0 021	0 001	0 046	0.43
81 05 30 0920		3		23037	6	82.800	18.0	9 00	0 4	0 093		0 076	0 35
81 06 21 0400		3	1	23059	6	82.700	21.0	9 00	0 6	0 016	0 004	0 028	0 32
81 07 16 0815		3	1	23081	6	67.700	22.0	8 00	0 4	0 019	0 002	0 118	0 32
81 08 17 0950		3	1	23103	6	29.900	22.0	8 00	0 6	0 008	0 001	0 022	0 22
81 09 01 0920		3	1	23125	6	28.300	22.0	7 00	0 4	0 012	0 003	0 056	0 24
81 11 05 0950		3	1	23169	6	66.300	7.0	9 00	1 8U	0 030	0 006	0 032	0 32
81 12 07 0845		3	1	23190	6	66.200	1.0	8 00	0 8	0 035	0 001	0 030	0 39
MAXIMUM						**378.000**	**22.0**	**12.00**	**1.8**	**0.093**	**0.006**	**0.118**	**0.43**
ARITH MEAN						**99.289**	**13.4**	**8.75**	**0.7**	**0.028**	**0.002**	**0.051**	**0.32**
GEOM MEAN						**73.110**	**8.9**	**8.66**	**0.6**	**0.022**	**0.002**	**0.044**	**0.32**
MINIMUM						**28.300**	**1.0**	**7.00**	**0.4**	**0.008**	**0.001**	**0.022**	**0.22**
STD DEV (GEOM *)						**106.841**	**9.2**	**1.49**	**0.4**	**0.026**	**0.002**	**0.030**	**0.06**
# SAMPLES (IN STATISTICS)						**9**	**9**	**8**	**9**	**9**	**8**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*
81 03 22 0900		3	1	0.002	0.105		0.157	0.320	0.477	45.0	2.0	43.000	66.0
81 04 19 0920		3	1	0.002	0.105	0.105	0.153	0.384	0.537		14	34	52
81 05 30 0920		3		0.002	0.045	0.045	0.123	0.274	0.397		5	42	65
81 06 21 0400		3	1	0.020	0.045	0.065	0.093	0.292	0.385		5	42	64
81 07 16 0815		3	1	0.001	0.040	0.040	0.159	0.202	0.361		2	44	68
81 08 17 0950		3	1	0.002	0.020	0.020	0.044	0.198	0.242		1.7	48	74
81 09 01 0920		3	1	0.001	0.010	0.010	0.067	0.184	0.251		2.6	49	76
81 11 05 0950		3	1	0.003	0.050	0.055	0.085	0.288	0.373		1.6	38	58
81 12 07 0845		3	1	0.001	0.070	0.070	0.101	0.360	0.461		34.8	44	70
MAXIMUM				**0.020**	**0.105**	**0.105**	**0.159**	**0.384**	**0.537**	**45.0**	**34.8**	**49**	**76**
ARITH MEAN				**0.004**	**0.054**	**0.051**	**0.109**	**0.278**	**0.387**	**45.0**	**7**	**42**	**65**
GEOM MEAN				**0.002**	**0.044**	**0.042**	**0.101**	**0.270**	**0.375**		**4**	**42**	**65**
MINIMUM				**0.001**	**0.010**	**0.010**	**0.044**	**0.184**	**0.242**	**45.0**	**1.6**	**34**	**52**
STD DEV (GEOM *)				**0.006**	**0.033**	**0.030**	**0.042**	**0.072**	**0.098**		**10**	**4**	**7**
# SAMPLES (IN STATISTICS)				**9**	**9**	**8**	**9**	**9**	**9**	**1**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*CAUR*	*NAUR*	*COD*	*ALUT*	*CUUT*
81 03 22 0900		3	1	0.98	1.550			6.86				0.083	0.009
81 04 19 0920		3	1			12.5	11	7.33	4.8	1.1	30		
81 05 30 0920		3				12.0	16	7.21	6.2	2.0	24		
81 06 21 0400		3	1			11.5	16	7.15	6.0	1.5	12		
81 07 16 0815		3	1			12.0	17	7.40	6.6	1.3	14		
81 08 17 0950		3	1			13.0	19	7.80	8.0	1.6	19		
81 09 01 0920		3	1			12.5	24	7.56	8.2	1.4	23		
81 11 05 0950		3	1			13.5	15	7.21	6.0	1.4	10		
81 12 07 0845		3	1			14.5	17	7.76		1.4	2		
MAXIMUM				**0.98**	**1.550**	**14.5**	**24**	**7.80**	**8.2**	**2.0**	**30**	**0.083**	**0.009**
ARITH MEAN				**0.98**	**1.550**	**12.7**	**17**	**7.36**	**6.5**	**1.5**	**17**	**0.083**	**0.009**
GEOM MEAN						**12.7**	**17**	**7.36**	**6.4**	**1.4**	**13**		
MINIMUM				**0.98**	**1.550**	**11.5**	**11**	**6.86**	**4.8**	**1.1**	**2**	**0.083**	**0.009**
STD DEV (GEOM *)						**1.0**	**4**	**0.30**	**1.2**	**0.3**	**9**		
# SAMPLES (IN STATISTICS)				**1**	**1**	**8**	**8**	**9**	**7**	**8**	**8**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*ZNUT*	*NIUT*
81 03 22 0900		3	1	0.003<	0.013	0.003
MAXIMUM					**0.013**	**0.003**
ARITH MEAN					**0.013**	**0.003**
GEOM MEAN						
MINIMUM					**0.013**	**0.003**
STD DEV (GEOM *)						
# SAMPLES (IN STATISTICS)					**1**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **CHIPPEWA CREEK**
SAMPLE POINT: **AT MOUTH AMELIA PARK NORTH BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-019-02**
STORET CODE: **02 002 5430**

LAT | LONG | U.T.M.: **17 0618350.0 5128600.0 4** | REGION: **05** | DISTANCE: **215.163**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 01 29 1000		.3	1	23000	4 6	0 170	0 0		0 042	0 017	1 170	3 130	0 014
81 02 23 0930		.3	1	23001	4 6	5 000	0 0		0 279	0 010	1 330	4 910	0 012
81 03 22 1100		.3	1	23005	6	0 330	2 0		0 035	0 001	0 930	1 810	0 009
81 04 19 1240		.3	1	23034	6	0 918	5 0	12 00	0 036	0 009	0 380	0 94	
81 05 30 1240		.3		23042	6	0 730	20 0	9 00	0 060	0 009	0 006	0 68	
81 06 21 0720		.3	1	23064	6	0 302	19 0	9 00	0 058	0 022	0 004	0 82	
81 07 16 1105		.3	1	23086	6	0 126	18 0	8 00	0 380	0 300	0 076	0 79	
81 08 17 1255		.3	1	23108		0 091	13 0	9 00	0 065	0 017	0 010	0 72	
81 09 01 1255		.3	1	23130	6	0 812	19 0	9 00	0 300	0 026	0 010	1 60	
81 10 03 1330		.3	1	23152	6	0 624		9 00	0 165	0 095	0 008	0 75	
81 11 05 1300		.3	1	23174	6	0 427	5 0	12 00	0 445	0 370	0 006	0 62	
81 12 07 1100		.3	1	23193	6	0 370	1 0	12 00	0 135	0 100	0 710	2 05	
MAXIMUM						**5.000**	**20.0**	**12.00**	**0.445**	**0.370**	**1.330**	**4.910**	**0.014**
ARITH MEAN						**0.825**	**11.3**	**9.89**	**0.167**	**0.081**	**0.387**	**1.56**	**0.012**
GEOM MEAN						**0.440**	**7.6**	**9.78**	**0.112**	**0.027**	**0.062**	**1.23**	**0.011**
MINIMUM						**0.091**	**1.0**	**8.00**	**0.035**	**0.001**	**0.004**	**0.62**	**0.009**
STD DEV (GEOM *)						**1.343**	**8.0**	**1.62**	**0.147**	**0.124**	**0.510**	**1.29**	**0.003**
# SAMPLES (IN STATISTICS)						**12**	**9**	**9**	**12**	**12**	**12**	**12**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 29 1000		.3	1	0 966	2 150	1 960	4 110	236 0	8 0	228 000	350 0	4 30	52 000
81 02 23 0930		.3	1	0 728	2 070	3 580	5 650	487 0	276 0	211 000	325 0	40 00	75 000
81 03 22 1100		.3	1	0 796	1 735	0 880	2 615	376 0	23 0	353 0	435 0	2 50	101 000
81 04 19 1240		.3	1			0 560			6		55	2 70	
81 05 30 1240		.3				0 674			18		220	0 65	40 00
81 06 21 0720		.3	1			0 816			4		320	2 60	71
81 07 16 1105		.3	1			0 714			2		400	4 60	81 0
81 08 17 1255		.3	1			0 710			11 6		360	9 50	70 00
81 09 01 1255		.3	1			1 590			145 0		200	6 90	33 00
81 10 03 1330		.3	1			0 742					205	2 90	35 50
81 11 05 1300		.3	1			0 614			3 6		270	4 30	48 50
81 12 07 1100		.3	1			1 340			2 3		260	3 40	45 50
MAXIMUM				**0.966**	**2.150**	**3.580**	**5.650**	**487.0**	**276.0**	**353.0**	**435.0**	**40.00**	**101.000**
ARITH MEAN				**0.830**	**1.985**	**1.182**	**4.125**	**366.3**	**45**	**264.0**	**283**	**7.03**	**59**
GEOM MEAN				**0.824**	**1.977**	**0.994**	**3.931**	**350.9**	**11**	**257.0**	**256**	**4.14**	**55**
MINIMUM				**0.728**	**1.735**	**0.560**	**2.615**	**236.0**	**2**	**211.000**	**55**	**0.65**	**33.00**
STD DEV (GEOM *)				**0.123**	**0.220**	**0.873**	**1.518**	**125.8**	**87**	**77.5**	**104**	**10.63**	**21**
# SAMPLES (IN STATISTICS)				**3**	**3**	**12**	**3**	**3**	**11**	**3**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*
81 01 29 1000		.3	1	72 0	9 20			0 001<	0 099	0 001<	0 014	0 003	0 0003
81 02 23 0930		.3	1	24 0	6 96			0 001<	2 800	0 017	0 018	0 026	0 001
81 03 22 1100		.3	1	204 0	7 13			0 001<	0 250	0 002<	0 020	0 003<	0 0003
81 04 19 1240		.3	1	22	7 08	1<T	0 89				0 004	0 003<	
81 05 30 1240		.3		26	7 28	2					0 007	0 010	
81 06 21 0720		.3	1	36	7 23	2	1 85				0 005	0 003<	
81 07 16 1105		.3	1	51	7 61	3	1 60				0 005	0 003<	
81 08 17 1255		.3	1	47	7 57		1 450				0 013	0 007	
81 09 01 1255		.3	1	23	6 77	3	6 20				0 027	0 100	
81 10 03 1330		.3	1	25	7 24	2	1 26				0 008	0 003<	
81 11 05 1300		.3	1	34	7 46	1<T	1 50				0 064	0 005	
81 12 07 1100		.3	1		7 40	1<T	1 40				0 003	0 003<	
MAXIMUM				**204.0**	**9.20**	**3**	**6.20**		**2.800**	**0.017**	**0.064**	**0.100**	**0.001**
ARITH MEAN				**51**	**7.41**	**2<A**	**2.01**		**1.050**	**0.017**	**0.016**	**0.025**	**0.000**
GEOM MEAN				**39**	**7.39**	**2<A**	**1.67**		**0.411**		**0.011**	**0.012**	**0.000**
MINIMUM				**22**	**6.77**	**1**	**0.89**		**0.099**	**0.017**	**0.003**	**0.003**	**0.0003**
STD DEV (GEOM *)				**52**	**0.61**	**1<A**	**1.71**		**1.518**		**0.017**	**0.038**	**0.000**
# SAMPLES (IN STATISTICS)				**11**	**12**	**8**	**8**		**3**	**1**	**12**	**6**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
TEST-NAME:				*ZNUT*	*NIUT*	*CCNAUR*	*P1PCBT*
81 01 29 1000		.3	1	0 260	0 003<	0 010<	20<M
81 02 23 0930		.3	1	0 094	0 008	0 010<	20<M
81 03 22 1100		.3	1	0 050	0 004		
81 04 19 1240		.3	1	0 031			
81 05 30 1240		.3		0 028			
81 06 21 0720		.3	1	0 014			
81 07 16 1105		.3	1	0 008			
81 08 17 1255		.3	1	0 028			
81 09 01 1255		.3	1	0 100			
81 10 03 1330		.3	1	0 022			
81 11 05 1300		.3	1	0 028			
81 12 07 1100		.3	1	0 020			
MAXIMUM				**0.260**	**0.008**		
ARITH MEAN				**0.057**	**0.006**		
GEOM MEAN				**0.036**	**0.006**		
MINIMUM				**0.008**	**0.004**		
STD DEV (GEOM *)				**0.070**	**0.003**		
# SAMPLES (IN STATISTICS)				**12**	**2**		

B.O.W./ SITE: **GENESEE CREEK**
SAMPLE POINT: **POWASSAN WATER WORKS**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-020-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0627050.0 5104250.0 4** REGION: **05** DISTANCE: **147.251**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*CLIDUR*	*SSO4UR*
81 04 19 1710		.3	1	23029	6	8.0	12.00	0.026	0.003	0.125	0.130	0.80	
81 05 31 1210		.3		23052	6	19.0	9.00	0.040	0.005	0.030	0.035	0.70	
81 06 18 1210		.3	1	23074	6	20.0	8.00	0.068	0.012	0.120	0.130	0.40	
81 07 16 0425		.3	1	23096	6	22.0	8.00	0.075	0.040	0.200	0.240	0.90	10.5
81 08 17 1900		.3	1	23118		19.0	8.00	0.158	0.008	0.145	0.155	1.15	
81 09 14 1200		.3	1	23140		18.0	9.00	0.090	0.025	0.120	0.145	1.50	10.5
81 10 04 1155		.3	1	23162	6	8.0	10.00	0.025	0.004	0.035	0.040	1.15	12.0
81 11 09 1220		.3	1	23184	6	5.0	11.00	0.278	0.002	0.085	0.085	1.15	
81 12 07 1400		.3	1	23198	6	1.0	6.00	0.028	0.002	0.175	0.175	1.00	
MAXIMUM						**22.0**	**12.00**	**0.278**	**0.040**	**0.200**	**0.240**	**1.50**	**12.0**
ARITH MEAN						**13.3**	**9.00**	**0.088**	**0.011**	**0.115**	**0.126**	**0.97**	**11.0**
GEOM MEAN						**9.9**	**8.84**	**0.063**	**0.007**	**0.098**	**0.107**	**0.92**	**11.0**
MINIMUM						**1.0**	**6.00**	**0.025**	**0.002**	**0.030**	**0.035**	**0.40**	**10.5**
STD DEV (GEOM *)						**7.8**	**1.80**	**0.083**	**0.013**	**0.057**	**0.065**	**0.32**	**0.9**
# SAMPLES (IN STATISTICS)						**9**	**9**	**9**	**9**	**9**	**9**	**9**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ALKT*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*
81 04 19 1710		.3	1	12	2	0.50	0.001<	0.001<	0.003<	0.007
81 05 31 1210		.3		17	2	0.80	0.001<	0.002	0.005	0.016
81 06 18 1210		.3	1	11	1<T	1.36	0.001<	0.002	0.003<	0.012
81 07 16 0425		.3	1	21	1<T	1.90		0.065	0.003<	0.017
81 08 17 1900		.3	1	28	1	1.82	0.001<	0.175	0.006	0.014
81 09 14 1200		.3	1	18	2	1.20	0.001<	0.002	0.003<	0.010
81 10 04 1155		.3	1	15	1<T	0.67	0.001<	0.003	0.003<	0.012
81 11 09 1220		.3	1	15	1<T	0.56	0.001<	0.004	0.003<	0.006
81 12 07 1400		.3	1	12	1<T	0.56	0.001<	0.001<	0.003<	0.005
MAXIMUM				**28**	**2**	**1.90**		**0.175**	**0.006**	**0.017**
ARITH MEAN				**17**	**1<A**	**1.04**		**0.036**	**0.005**	**0.011**
GEOM MEAN				**16**	**1<A**	**0.92**		**0.007**	**0.005**	**0.010**
MINIMUM				**11**	**1**	**0.50**		**0.002**	**0.005**	**0.005**
STD DEV (GEOM *)				**5**	**0<A**	**0.55**		**0.066**	**0.001**	**0.004**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**		**7**	**2**	**9**

B.O.W./ SITE: **GENESEE CREEK**
SAMPLE POINT: **AT HIGHWAY 11 POWASSAN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-022-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0626050.0 5104450.0 4** REGION: **05** DISTANCE: **145.642**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 04 19 1740		.3	1	23030	6	350	3000>	10<	9.0	11.00	0.028	0.005	0.046
81 05 31 1240		.3	1	23053	6				19.0	9.00	0.138	0.068	0.242
81 06 18 1240		.3	1	23075	6	15000>	15000>	1500>	20.0	8.00	0.090	0.021	0.024
81 07 16 0440		.3	1	23097	6				22.0	8.00	0.162	0.059	0.012
81 08 17 1930		.3	1	23119		700A	70000	190	19.0	8.00	0.230	0.180	0.044
81 09 14 1215		.3	1	23141		150000A	3300000	2700	18.0	9.00	0.162	0.051	0.004
81 10 04 1220		.3	1	23163	6	7000A	210000	60A	8.0	10.00	0.040	0.007	0.064
81 11 09 1300		.3	1	23185	6	1500	22000	30A	5.0	12.00	0.178	0.140	0.046
81 12 07 1420		.3	1	23199	6	1500A	33000	10<	1.0	6.00	0.048	0.008	0.058
MAXIMUM						**150000**	**3300000**	**2700**	**22.0**	**12.00**	**0.230**	**0.180**	**0.242**
ARITH MEAN						**26842**	**727000**	**745**	**13.4**	**9.00**	**0.120**	**0.060**	**0.060**
GEOM MEAN						**2887**	**128633**	**174**	**10.0**	**8.84**	**0.096**	**0.031**	**0.036**
MINIMUM						**350**	**22000**	**30**	**1.0**	**6.00**	**0.028**	**0.005**	**0.004**
STD DEV (GEOM *)						**9***	**7***	**7***	**7.7**	**1.80**	**0.071**	**0.062**	**0.071**
# SAMPLES (IN STATISTICS)						**6**	**5**	**4**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*COND25*	*TURB*	*CLIDUR*
81 04 19 1740		3	1	0.39	0.004	0.140	0.145	0.190	0.344	0.534	47	3.70	4.85
81 05 31 1240		3	1	0.92	0.021	0.045	0.065	0.308	0.678	0.986	54	6.50	2.30
81 06 18 1240		3	1	0.78	0.005	0.220	0.225	0.249	0.756	1.005	52	5.70	2.50
81 07 16 0440		3	1	0.75	0.000	3.28	0.335	3.292	0.738	4.030	90	8.40	4.45
81 08 17 1930		3	1	0.58	0.007	0.155	0.160	0.206	0.536	0.742	98	8.60	4.00
81 09 14 1215		3	1	1.32	0.095	0.250	0.345	0.349	1.316	1.665	150	5.00	21.00
81 10 04 1220		3	1	0.65	0.013	0.050	0.065	0.127	0.586	0.713	72	4.00	3.40
81 11 09 1300		3	1	0.50	0.005	0.085	0.090	0.136	0.454	0.590	62	2.10	2.50
81 12 07 1420		3	1	0.42	0.004	0.175	0.180	0.237	0.362	0.599	66	3.40	3.05
MAXIMUM				**1.32**	**0.095**	**3.28**	**0.345**	**3.292**	**1.316**	**4.030**	**150**	**8.60**	**21.00**
ARITH MEAN				**0.70**	**0.019**	**0.48**	**0.179**	**0.566**	**0.641**	**1.207**	**77**	**5.27**	**5.34**
GEOM MEAN				**0.65**	**0.010**	**0.17**	**0.151**	**0.289**	**0.591**	**0.955**	**72**	**4.82**	**4.01**
MINIMUM				**0.39**	**0.004**	**0.045**	**0.065**	**0.127**	**0.344**	**0.534**	**47**	**2.10**	**2.30**
STD DEV (GEOM *)				**0.29**	**0.031**	**1.04**	**0.106**	**1.025**	**0.295**	**1.114**	**32**	**2.24**	**5.94**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

(CONTD)

B.O.W / SITE: **GENESEE CREEK**
SAMPLE POINT: **AT HIGHWAY 11 POWASSAN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-022-02**
STORET CODE: **02 002 5430**

LAT. LONG. U.T.M: **17 0626050.0 5104450.0 4** REGION: **05** DISTANCE: **145.642**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALKT ALK TOTAL MG/L AS CACO3	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 04 19 1740		3	1	14	7.17	1<T	0.007	0.003<	0.008
81 05 31 1240		3	1	18	7.52	1	0.064	0.003	0.010
81 06 18 1240		3	1	12	7.06	1<T	0.002	0.003<	0.005
81 07 16 0440		3	1	27	7.61	2	0.061	0.003<	0.013
81 08 17 1930		3	1	29	8.09	1<T	0.004	0.003<	0.010
81 09 14 1215		3	1	33	7.17	1	0.017	0.003<	0.033
81 10 04 1220		3	1	20	6.91	1<T	0.001	0.003<	0.008
81 11 09 1300		3	1	15	7.29	1<T	0.066	0.010	0.013
81 12 07 1420		3	1	14	7.43	1<T	0.003	0.003<	0.007
MAXIMUM				**33**	**8.09**	**2**	**0.066**	**0.010**	**0.033**
ARITH MEAN				**20**	**7.36**	**1<A**	**0.025**	**0.006**	**0.012**
GEOM MEAN				**19**	**7.35**	**1<A**	**0.010**	**0.005**	**0.010**
MINIMUM				**12**	**6.91**	**1**	**0.001**	**0.003**	**0.005**
STD DEV (GEOM *)				**8**	**0.35**	**0<A**	**0.029**	**0.005**	**0.008**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**2**	**9**

B.O.W / SITE: **SOUTH RIVER**
SAMPLE POINT: **AT HWY.NO.11 NORTH OF SOUTH RIVER**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-023-02**
STORET CODE: **02 002 5430**

LAT. LONG. U.T.M: **17 0625800.0 5078250.0 4** REGION: **05** DISTANCE: **53.268**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 03 28 0900		3	1	23006	6	4.580	4.0		0.008	0.001<	0.074	0.330	0.003
81 04 19 1450		3	1	23025	6	10.700	8.0	11.00	0.025	0.011	0.022	0.29	
81 05 31 0950		3		23048	6	3.870	20.0	8.00	0.018	0.004	0.054	0.42	
81 06 18 0950		3	1	23070	6	7.380	21.0	8.00	0.022	0.002	0.038	0.32	
81 07 16 0240		3	1	23092	6	2.760	23.0	8.00	0.078	0.034	0.104	0.75	
81 08 17 1600		3	1	23114		4.740	20.0	8.00	0.949	0.650	0.012	0.45	
81 09 14 0950		3	1	23136	6	17.400	18.0	9.00	0.065	0.001	0.044	0.62	
81 10 04 0950		3	1	23158	6	8.820	10.0	11.00	0.015	0.003	0.042	0.32	
81 11 09 0930		3	1	23180	6	4.900	4.0	8.00	0.175	0.155	0.022	0.35	
81 12 07 1200		3	1	23194	6	5.310	1.0	7.00	0.015	0.001<T	0.014	0.45	
MAXIMUM						**17.400**	**23.0**	**11.00**	**0.949**	**0.650**	**0.104**	**0.75**	**0.003**
ARITH MEAN						**7.046**	**12.9**	**8.67**	**0.137**	**0.096<A**	**0.043**	**0.43**	**0.003**
GEOM MEAN						**6.115**	**9.2**	**8.57**	**0.041**	**0.010<A**	**0.034**	**0.41**	
MINIMUM						**2.760**	**1.0**	**7.00**	**0.008**	**0.001**	**0.012**	**0.29**	**0.003**
STD DEV (GEOM *)						**4.363**	**8.3**	**1.41**	**0.290**	**0.214<A**	**0.029**	**0.14**	
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**10**	**9**	**10**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
81 03 28 0900		3	1	0.257	0.334	0.256	0.590	33.0	2.0	31.000	47.0	0.78	1.650
81 04 19 1450		3	1			0.268			2		38	1.50	1.00
81 05 31 0950		3				0.366			4		43	1.20	1.40
81 06 18 0950		3	1			0.282			5		42	1.30	1.20
81 07 16 0240		3	1			0.646			5		45	1.50	1.45
81 08 17 1600		3	1			0.438			2.6		45	3.20	1.35
81 09 14 0950		3	1			0.576					36	1.69	1.10
81 10 04 0950		3	1			0.278					37	1.58	1.10
81 11 09 0930		3	1			0.328			2.0		40	1.74	1.20
81 12 07 1200		3	1			0.436			0.1<W		45	1.71	
MAXIMUM				**0.257**	**0.334**	**0.646**	**0.590**	**33.0**	**5**	**31.000**	**47.0**	**3.20**	**1.650**
ARITH MEAN				**0.257**	**0.334**	**0.387**	**0.590**	**33.0**	**2 <A**	**31.000**	**41**	**1.62**	**1.27**
GEOM MEAN						**0.368**			**1 <A**		**41**	**1.53**	**1.25**
MINIMUM				**0.257**	**0.334**	**0.256**	**0.590**	**33.0**	**0.1**	**31.000**	**36**	**0.78**	**1.00**
STD DEV (GEOM *)						**0.136**			**1 <A**		**3**	**0.63**	**0.20**
# SAMPLES (IN STATISTICS)				**1**	**1**	**10**	**1**	**1**	**8**	**1**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALKT ALK TOTAL MG/L AS CACO3	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 03 28 0900		3	1		6.64								
81 04 19 1450		3	1	8		1	0.26	11	3.0	0.80	0.001<	0.003	0.003<
81 05 31 0950		3		9		1<T	0.28	13	3.4	1.05	0.001<	0.003	0.002
81 06 18 0950		3	1	10		1<T	0.42	15	3.8	1.35	0.001<	0.001<	0.003<
81 07 16 0240		3	1	10		2	0.63	13	3.4	1.20	0.001<	0.030	0.003<
81 08 17 1600		3	1	6		1	0.66	14	3.8	1.20	0.001<	0.001	0.003<
81 09 14 0950		3	1	8		1	0.67	13	3.6	1.00	0.001<	0.004	0.003<
81 10 04 0950		3	1	8		1	0.49	12	3.6	0.80	0.001<	0.002	0.003<
81 11 09 0930		3	1	8		1	0.39	12	3.4	0.85	0.029	0.004	0.007
81 12 07 1200		3	1			1<T	0.29				0.001<	0.002	0.003<
MAXIMUM				**10**	**6.64**	**2**	**0.67**	**15**	**3.8**	**1.35**	**0.029**	**0.030**	**0.007**
ARITH MEAN				**8**	**6.64**	**1<A**	**0.45**	**13**	**3.5**	**1.03**	**0.029**	**0.006**	**0.004**
GEOM MEAN				**8**		**1<A**	**0.43**	**13**	**3.5**	**1.01**		**0.003**	**0.004**
MINIMUM				**6**	**6.64**	**1**	**0.26**	**11**	**3.0**	**0.80**	**0.029**	**0.001**	**0.002**
STD DEV (GEOM *)				**1**		**0<A**	**0.17**	**1**	**0.3**	**0.21**		**0.010**	**0.004**
# SAMPLES (IN STATISTICS)				**8**	**1**	**9**	**9**	**8**	**8**	**8**	**1**	**8**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*ZNUT*	*NIUT*
81 04 19 1450		.3	1	0.008	0.003 <
81 05 31 0950		.3		0.005	0.002 <
81 06 18 0950		.3	1	0.004	0.0020
81 07 16 0240		.3	1	0.005	0.0020<
81 08 17 1600		.3	1	0.002	0.0020<
81 09 14 0950		.3	1	0.010	0.0010<
81 10 04 0950		.3	1	0.006	0.0010<
81 11 09 0930		.3	1	0.096	0.0020
81 12 07 1200		.3	1	0.006	0.0020<
	MAXIMUM			**0.096**	**0.0020**
	ARITH MEAN			**0.016**	**0.0020**
	GEOM MEAN			**0.007**	**0.0020**
	MINIMUM			**0.002**	**0.0020**
	STD DEV (GEOM *)			**0.030**	**0.0000**
	# SAMPLES (IN STATISTICS)			**9**	**2**

B.O.W./ SITE: **LA VASE RIVER**
SAMPLE POINT: **AT MOUTH NORTH BAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02DD013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-024-02**
STORET CODE: **02 002 5430**

LAT: LONG: U T M: **17 0621650.0 5122100.0 4** REGION: **05** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 04 10 1340		.3	1	23023	6	5.500	8.0	11.00	0.4	0.036	0.007	0.126	0.63
81 05 30 1340		.3		23046	6	0.424	22.0	7.00	0.8	0.045	0.012	0.002	0.80
81 06 18 0815		.3	1	23068	6	2.140	21.0	8.00	1.8				
81 07 16 1250		.3	1	23090	6	0.087	22.0	7.00	1.4	0.061			1.17
81 08 17 1445		.3	1	23112		0.089	20.0	8.00	2.8	0.048	0.010	0.070	1.22
81 09 01 1435		.3	1	23134	6	1.280	22.0	7.00	2.0	0.065	0.011	0.010	1.22
81 10 03 1500		.3	1	23155	6	0.894	9.0	9.00	0.8	0.045	0.016	0.006	0.82
81 11 05 1430		.3	1	23177	6	0.513	7.0	10.00	1.8U	0.208		0.006	0.65
	MAXIMUM					**5.500**	**22.0**	**11.00**	**2.8**	**0.208**	**0.016**	**0.126**	**1.22**
	ARITH MEAN					**1.366**	**16.4**	**8.37**	**1.5**	**0.073**	**0.011**	**0.037**	**0.93**
	GEOM MEAN					**0.623**	**14.8**	**8.26**	**1.3**	**0.060**	**0.011**	**0.014**	**0.90**
	MINIMUM					**0.087**	**7.0**	**7.00**	**0.4**	**0.036**	**0.007**	**0.002**	**0.63**
	STD DEV (GEOM *)					**1.805**	**7.0**	**1.51**	**0.8**	**0.061**	**0.003**	**0.051**	**0.27**
	# SAMPLES (IN STATISTICS)					**8**	**8**	**8**	**8**	**7**	**5**	**6**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*
81 04 10 1340		.3	1	0.092	0.490	0.580	0.708	0.504	1.212		56	86	14
81 05 30 1340		.3		0.009	1.590	1.600	1.601	0.798	2.399	7	72	110	19
81 06 18 0815		.3	1							12	53	82	
81 07 16 1250		.3	1								98	150	28
81 08 17 1445		.3	1	0.006	2.440	2.450	2.516	1.150	3.666		98	160	19
81 09 01 1435		.3	1	0.080	1.620	1.700	1.710	1.210	2.920	13.0	90	138	23
81 10 03 1500		.3	1	0.004	0.785	0.790	0.795	0.814	1.609		69	106	22
81 11 05 1430		.3	1	0.006	0.725	0.730	0.737	0.644	1.381	4.4	65	100	22
	MAXIMUM			**0.092**	**2.440**	**2.450**	**2.516**	**1.210**	**3.666**	**13.0**	**98**	**160**	**28**
	ARITH MEAN			**0.033**	**1.275**	**1.308**	**1.344**	**0.853**	**2.198**	**9**	**75**	**116**	**21**
	GEOM MEAN			**0.015**	**1.098**	**1.143**	**1.191**	**0.815**	**2.026**	**8**	**73**	**113**	**21**
	MINIMUM			**0.004**	**0.490**	**0.580**	**0.708**	**0.504**	**1.212**	**4.4**	**53**	**82**	**14**
	STD DEV (GEOM *)			**0.041**	**0.739**	**0.732**	**0.728**	**0.278**	**0.970**	**4**	**18**	**29**	**4**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**	**6**	**4**	**8**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*PH*	*FEUT*	*NAUR*	*COD*
81 04 10 1340		.3	1	7.37	0.81	6.9	53
81 05 30 1340		.3				9.3	22
81 07 16 1250		.3	1	7.06	1.35	13.0	38
81 08 17 1445		.3	1	7.04	0.88	12.6	35
81 09 01 1435		.3	1	7.00	1.12	10.9	47
81 10 03 1500		.3	1	6.99	1.18	7.4	78
81 11 05 1430		.3	1	7.43	0.93		29
	MAXIMUM			**7.43**	**1.35**	**13.0**	**78**
	ARITH MEAN			**7.15**	**1.04**	**10.0**	**43**
	GEOM MEAN			**7.15**	**1.03**	**9.7**	**40**
	MINIMUM			**6.99**	**0.81**	**6.9**	**22**
	STD DEV (GEOM *)			**0.20**	**0.21**	**2.6**	**19**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**7**

B.O.W. / SITE: **CHIPPEWA CREEK**
SAMPLE POINT: **AT GOLF CLUB ROAD NORTH BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-025-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M.: **17 0619250.0 5133300.0 4** REGION: **05** DISTANCE: **220.152**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	RESIDUE PARTIC. MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNKUR*	*RSP*
81 04 19 0800		.3	1	23013	6	4.0	14.00	0.028	0.002	0.520	1.01	0.490	11
81 06 21 0300		.3	1	23057	6	19.0	9.00	0.032	0.002	0.006	1.30	1.294	5
81 07 16 0700		.3	1	23079	6	15.0	9.00	0.042	0.004	0.004	0.55	0.546	1
81 08 17 0830		.3	1	23101	6	13.0	10.00	0.132	0.103	0.008	0.70	0.692	0.6
81 09 01 0800		.3	1	23123	6	19.0	9.00	0.052	0.005	0.004	0.88	0.876	9.0
81 11 05 0800		.3	1	23167	6	5.0	12.00	0.215	0.145	0.004	0.75	0.746	2.7
81 12 07 0800		.3	1	23189	6	1.0	12.00	0.018	0.015	1.360	2.68	1.320	1.9
MAXIMUM						**19.0**	**14.00**	**0.215**	**0.145**	**1.360**	**2.68**	**1.320**	**11**
ARITH MEAN						**10.9**	**10.71**	**0.074**	**0.039**	**0.272**	**1.12**	**0.852**	**4**
GEOM MEAN						**7.6**	**10.57**	**0.052**	**0.011**	**0.022**	**0.98**	**0.798**	**2**
MINIMUM						**1.0**	**9.00**	**0.018**	**0.002**	**0.004**	**0.55**	**0.490**	**0.6**
STD DEV (GEOM *)						**7.4**	**1.98**	**0.073**	**0.059**	**0.517**	**0.73**	**0.336**	**4**
# SAMPLES (IN STATISTICS)						7	7	7	7	7	7	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*ASUT*
81 04 19 0800		.3	1	104	2.50	14.00	18	1<T	0.80	21	6.0	1.45	0.001<
81 06 21 0300		.3	1	46	2.20	18.00	26	1	1.95	32	9.0	2.35	0.001<
81 07 16 0700		.3	1	185	2.80	22.50	39	1	1.85	42	11.8	3.15	0.001<
81 08 17 0830		.3	1	190	3.90	23.00	35	3	1.450	44	12.4	3.15	0.001<
81 09 01 0800		.3	1	146	2.30	15.00	24	1<T	1.24	37	10.4	2.70	0.001<
81 11 05 0800		.3	1	144	3.50	16.50	30	1<T	1.50	38	10.6	2.75	0.001<
81 12 07 0800		.3	1	144	2.60	15.50	18	1<T	1.55	33	9.6	2.30	0.001<
MAXIMUM				**190**	**3.90**	**23.00**	**39**	**3**	**1.95**	**44**	**12.4**	**3.15**	
ARITH MEAN				**137**	**2.83**	**17.79**	**27**	**1<A**	**1.47**	**35**	**10.0**	**2.55**	
GEOM MEAN				**126**	**2.77**	**17.49**	**26**	**1<A**	**1.42**	**34**	**9.7**	**2.48**	
MINIMUM				**46**	**2.20**	**14.00**	**18**	**1**	**0.80**	**21**	**6.0**	**1.45**	
STD DEV (GEOM *)				**49**	**0.64**	**3.62**	**8**	**1<A**	**0.38**	**8**	**2.1**	**0.59**	
# SAMPLES (IN STATISTICS)				7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 04 19 0800		.3	1	0.004	0.003<	0.013	0.003
81 06 21 0300		.3	1	0.006	0.003<	0.012	0.0020
81 07 16 0700		.3	1	0.005	0.003<	0.006	0.0020<
81 08 17 0830		.3	1	0.005	0.003<	0.006	0.0020<
81 09 01 0800		.3	1	0.160	0.003<	0.032	0.0030
81 11 05 0800		.3	1	0.003	0.003<	0.015	0.0020
81 12 07 0800		.3	1	0.011	0.003<	0.011	0.0020<
MAXIMUM				**0.160**		**0.032**	**0.0030**
ARITH MEAN				**0.028**		**0.014**	**0.002**
GEOM MEAN				**0.008**		**0.012**	**0.002**
MINIMUM				**0.003**		**0.006**	**0.0020**
STD DEV (GEOM *)				**0.058**		**0.009**	**0.000**
# SAMPLES (IN STATISTICS)				7		7	4

B.O.W. / SITE: **PARKS CREEK**
SAMPLE POINT: **AT LAKESHORE DRIVE NORTH BAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-026-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M.: **17 0619800.0 5125700.0 4** REGION: **05** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 04 19 1300		.3	1	23021	6	7.0	9.00	0.2	0.015	0.002	0.030	0.43	0.003
81 05 30 1300		.3		23044	6	22.0	6.00	1.0	0.023	0.010	0.020	0.31	0.083
81 06 21 0840		.3	1	23066	6	21.0	9.00	1.0	0.048	0.012	0.060	1.00	
81 07 16 1155		.3	1	23088	6	23.0	5.00	5.0	0.122	0.044	0.010	1.40	
81 08 17 1355		.3	1	23110		20.0	4.00	1.2	0.055	0.010	0.194	1.22	0.042
81 09 01 1340		.3	1	23132	6	22.0	6.00	1.4	0.065	0.010	0.204	1.00	0.012
81 10 03 1430		.3	1	23154	6	9.0	7.00	0.6	0.012	0.007	0.058	0.25	0.002
81 11 05 1400		.3	1	23176	6	7.0	7.00	1.6U	0.245		0.042	0.52	0.018
MAXIMUM						**23.0**	**9.00**	**5.0**	**0.245**	**0.044**	**0.204**	**1.40**	**0.083**
ARITH MEAN						**16.4**	**6.62**	**1.5**	**0.073**	**0.014**	**0.077**	**0.77**	**0.027**
GEOM MEAN						**14.6**	**6.41**	**1.1**	**0.046**	**0.010**	**0.049**	**0.64**	**0.013**
MINIMUM						**7.0**	**4.00**	**0.2**	**0.012**	**0.002**	**0.010**	**0.25**	**0.002**
STD DEV (GEOM *)						**7.3**	**1.77**	**1.5**	**0.078**	**0.014**	**0.077**	**0.44**	**0.031**
# SAMPLES (IN STATISTICS)						8	8	8	8	7	8	8	6

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*
81 04 19 1300		3	1	0.010	0.090	0.043	0.400	0.443		124	190	33	7.05
81 05 30 1300		3		0.255	0.320	0.358	0.290	0.648	16	130	200	42	
81 06 21 0840		3	1		0.130		0.940	1.130	16	126	190	45	7.25
81 07 16 1155		3	1		0.530		1.390	1.930	12	130	200	57	7.08
81 08 17 1355		3	1	0.030	0.070	0.266	1.026	1.292		254	390	53	7.24
81 09 01 1340		3	1	0.285	0.295	0.501	0.796	1.297	15.0	172	265	40	7.11
81 10 03 1430		3	1	0.110	0.110	0.170	0.192	0.362		25	38	8	6.50
81 11 05 1400		3	1	0.040	0.060	0.100	0.478	0.578	1.2	143	220	38	7.65
	MAXIMUM			**0.285**	**0.530**	**0.501**	**1.390**	**1.930**	**16**	**254**	**390**	**57**	**7.65**
	ARITH MEAN			**0.122**	**0.201**	**0.240**	**0.689**	**0.960**	**12**	**138**	**212**	**39**	**7.13**
	GEOM MEAN			**0.068**	**0.151**	**0.181**	**0.571**	**0.827**	**8**	**119**	**183**	**35**	**7.12**
	MINIMUM			**0.010**	**0.060**	**0.043**	**0.192**	**0.362**	**1.2**	**25**	**38**	**8**	**6.50**
	STD DEV (GEOM *)			**0.120**	**0.166**	**0.171**	**0.416**	**0.543**	**6**	**63**	**97**	**15**	**0.34**
	# SAMPLES (IN STATISTICS)			**6**	**8**	**6**	**8**	**8**	**5**	**8**	**8**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*FEUT*	*NAUR*	*COD*
81 04 19 1300		3	1	0.60	19.0	70
81 05 30 1300		3				31
81 06 21 0840		3	1	2.95	17.0	41
81 07 16 1155		3	1	4.20	13.0	48
81 08 17 1355		3	1	3.60	41.5	64
81 09 01 1340		3	1	2.60	23.5	62
81 10 03 1430		3	1	0.35	1.4	24
81 11 05 1400		3	1	1.42		35
	MAXIMUM			**4.20**	**41.5**	**70**
	ARITH MEAN			**2.25**	**19.2**	**47**
	GEOM MEAN			**1.66**	**13.4**	**44**
	MINIMUM			**0.35**	**1.4**	**24**
	STD DEV (GEOM *)			**1.49**	**13.2**	**17**
	# SAMPLES (IN STATISTICS)			**7**	**6**	**8**

B.O.W./ SITE: **STURGEON RIVER**
SAMPLE POINT: **DOWNSTREAM FROM HIGHWAY NO 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-028-02**
STORET CODE: **02 002 5430**

LAT. LONG. U.T.M. **17 0582000.0 5135000.0 4** REGION: **05** DISTANCE: **123.755**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 03 22 1000		3	1	23004	6	2.0		1.5	0.019	0.001<	0.016	0.400	0.011
81 04 14 1010		3	1	23016	6	6.0	13.00	1.0	0.034	0.007	0.050	0.33	0.002
81 05 30 1010		3		23038	6	18.0	8.00	0.4	0.010		0.044	0.28	0.001
81 06 11 1200		3	1	22217	8	17.5	8.40	1.6	0.010	0.002	0.016	0.25	0.002
81 06 21 0450		3	1	23060	6	21.0	9.00	1.6	0.020	0.001<T	0.080	0.49	0.002
81 06 22 1310		3	1	22220	8	19.0	8.80	1.6	0.015	0.003	0.040	0.30	0.001
81 06 29 1115		3	1	22226	8	19.0	9.20	1.0	0.028	0.010	0.026	0.30	0.001
81 07 15 1115		3	1	22233	8	24.0	7.60	0.4	0.042	0.001<T	0.002	0.40	0.001
81 07 16 0900		3	1	23082	6	24.0	5.00	1.4	0.045	0.001<T	0.004	0.38	0.001
81 07 21		3	1	22255	8	23.0	8.20	1.4	0.014	0.001<T	0.002<T	0.31	0.001<T
81 08 05 1120		3	1	22266	8	22.0	8.10	2.4	0.012	0.001<T	0.002<T	0.18	0.001<T
81 08 12 1120		3	1	22278	8	22.0	8.00	5.2	0.022	0.001	0.004	0.30	0.001
81 08 17 1040		3	1	23104	6	22.0	8.00	3.2	0.015	0.001	0.030	0.32	0.001<T
81 09 01 1010		3	1	23126	6	22.0	7.00	4.6	0.038	0.001<T	0.012	0.58	0.001
81 11 05 1030		3	1	23170	6	7.0	9.00	0.2U	0.040	0.001	0.104	0.72	0.002
81 12 07 1010		3	1	23192	6	1.0	8.00	1.2	0.015	0.001<T	0.036	0.58	0.008
	MAXIMUM					**24.0**	**13.00**	**5.2**	**0.045**	**0.010**	**0.104**	**0.72**	**0.011**
	ARITH MEAN					**16.8**	**8.35**	**1.8**	**0.024**	**0.002<A**	**0.029<A**	**0.38**	**0.002<A**
	GEOM MEAN					**12.9**	**8.21**	**1.3**	**0.021**	**0.002<A**	**0.015<A**	**0.36**	**0.002<A**
	MINIMUM					**1.0**	**5.00**	**0.2**	**0.010**	**0.001**	**0.002**	**0.18**	**0.001**
	STD DEV (GEOM *)					**8.0**	**1.64**	**1.4**	**0.012**	**0.003<A**	**0.030<A**	**0.14**	**0.003<A**
	# SAMPLES (IN STATISTICS)					**16**	**15**	**16**	**16**	**14**	**16**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 03 22 1000		3	1	0.085		0.112	0.384	0.496	47.0	3.0	44.000	68.0	2.00
81 04 14 1010		3	1	0.090	0.090	0.142	0.280	0.422		26	35	53	
81 05 30 1010		3		0.005<T	0.005	0.050	0.236	0.286		5	44	68	
81 06 11 1200		3	1	0.020	0.020	0.038	0.234	0.272		4	39	60	
81 06 21 0450		3	1	0.005<T	0.005<T	0.087	0.410	0.497		7	44	124	
81 06 22 1310		3	1	0.010	0.010	0.051	0.260	0.311		4	36	56	
81 06 29 1115		3	1	0.005<T	0.005<T	0.032	0.274	0.306		5	39	60	
81 07 15 1115		3	1	0.005<T	0.005<T	0.008	0.398	0.406		4	44	68	
81 07 16 0900		3	1	0.005	0.005	0.010	0.376	0.386		4	49	76	
81 07 21		3	1	0.005<T	0.005<T	0.008	0.308	0.316		3	44	68	
81 08 05 1120		3	1	0.005	0.005	0.008	0.178	0.186		6.8	55	85	
81 08 12 1120		3	1	0.005<T	0.005	0.010	0.296	0.306		5.4	53	84	

(CONTD)

B.O.W./ SITE: **STURGEON RIVER**
SAMPLE POINT: **DOWNSTREAN FROM HIGHWAY NO 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER MAIN CHANNEL**

STATION ID: **03-0133-028-02**
STORET CODE: **02 002 5430**

LAT: LONG: U.T.M: **17 0582000.0 5135000.0 4** REGION: **05** DISTANCE: **123.755**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 08 17 1040	3	1		0.020	0.020	0.051	0.290	0.341		5.7	56	86	
81 09 01 1010	3	1		0.010	0.010	0.023	0.568	0.591		12.3	59	90	
81 11 05 1030	3	1		0.005<T	0.005	0.111	0.616	0.727		4.0	47	72	
81 12 07 1010	3	1		0.015	0.025	0.059	0.544	0.603		2.9	46	70	
MAXIMUM				**0.090**	**0.090**	**0.142**	**0.616**	**0.727**	**47.0**	**26**	**59**	**124**	**2.00**
ARITH MEAN				**0.018<A**	**0.015<A**	**0.055**	**0.355**	**0.411**	**47.0**	**6**	**45**	**74**	**2.00**
GEOM MEAN				**0.010<A**	**0.009<A**	**0.038**	**0.330**	**0.383**		**5**	**45**	**72**	
MINIMUM				**0.005**	**0.005**	**0.008**	**0.178**	**0.186**	**47.0**	**2.9**	**35**	**53**	**2.00**
STD DEV (GEOM *)				**0.027<A**	**0.022<A**	**0.044**	**0.146**	**0.162**		**5**	**7**	**17**	
# SAMPLES (IN STATISTICS)				**16**	**15**	**12**	**12**	**12**	**1**	**16**	**16**	**16**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	CAUR CALCIUM UNF.REAC MG/L AS CA	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 03 22 1000	3	1		1.300			6.52				0.089	0.011	0.003<
81 04 14 1010	3	1			12.0	11	7.34	4.8	1.5	53			
81 05 30 1010	3				12.0	17	7.27	6.4	2.6	33			
81 06 11 1200	3	1			14.5	17	7.20	6.6	2.1	19			
81 06 21 0450	3	1			12.0	20	7.08	6.2	2.5	39			
81 06 22 1310	3	1			13.0	15	7.27	6.0	2.1	35			
81 06 29 1115	3	1			11.5	16	7.21	6.4	1.6	8			
81 07 15 1115	3	1			12.0	18	6.99	6.2	1.5	28			
81 07 16 0900	3	1			12.5	20	7.08	7.0	2.8	30			
81 07 21	3	1			12.5	18	7.11	7.0	1.8	26			
81 08 05 1120	3	1			14.5	22	6.92	8.2	3.4	14			
81 08 12 1120	3	1			14.5	23	7.09	7.8	3.9	54			
81 08 17 1040	3	1			14.5	22	6.88	8.2	4.2	39			
81 09 01 1010	3	1			15.5	25	6.90	8.4	5.1	53			
81 11 05 1030	3	1			15.0	17	6.58	6.4	3.6	10			
81 12 07 1010	3	1			14.0	18	7.32		2.8	38			
MAXIMUM				**1.300**	**15.5**	**25**	**7.34**	**8.4**	**5.1**	**54**	**0.089**	**0.011**	
ARITH MEAN				**1.300**	**13.3**	**19**	**7.05**	**6.8**	**2.8**	**32**	**0.089**	**0.011**	
GEOM MEAN					**13.3**	**18**	**7.04**	**6.8**	**2.6**	**28**			
MINIMUM				**1.300**	**11.5**	**11**	**6.52**	**4.8**	**1.5**	**8**	**0.089**	**0.011**	
STD DEV (GEOM *)					1.3	4	0.24	1.0	1.1	15			
# SAMPLES (IN STATISTICS)				1	15	15	16	14	15	15	1	1	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 22 1000	3	1		0.096	0.003
MAXIMUM				**0.096**	**0.003**
ARITH MEAN				**0.096**	**0.003**
GEOM MEAN					
MINIMUM				**0.096**	**0.003**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				1	1

B.O.W./ SITE: **WANAPITEI RIVER**
SAMPLE POINT: **AT BRIDGE IN ST. CLOUD**
STATION TYPE: **RIVER FLOW GAUGE FED 02DB005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-001-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M: **17 0515315.0 5137800.0 4** REGION: **05** DISTANCE: **72.740**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 01 02 1430	3	1		24454	468	40.400	0.0	13.0					
81 03 14 1400	3	1		24040	68	41.300	0.0	12.0	0.005	0.001	0.036	0.200	0.002
81 04 19 1300	3	1		24084	369	63.000	4.0	12.00	0.011	0.001	0.020	0.22	
81 05 23 1900	3	1		24110	68	34.300	15.0	12.00	0.008	0.002	0.022	0.20	
81 06 20 1805	3	1		24140		36.800			0.028	0.016	0.014	0.20	
81 08 01 1900	3	1		24165	68	6.910	20.0	12.00	0.024	0.011	0.002	0.25	
81 09 05 2145	3	1		24215	68	24.200	20.0	13.00	0.089	0.060	0.086	0.31	
81 10 02 1830	3	1		24216	68	16.400	5.0	12.00	0.016	0.004	0.018	0.27	
81 10 30 1800	3	1		24257	68	51.300	5.0	13.00	0.009	0.004	0.014	0.24	
81 12 05 1820	3	1		24307	68	35.900	0.0	13.00	0.010	0.001	0.016	0.21	
MAXIMUM						**63.000**	**20.0**	**13.0**	**0.089**	**0.060**	**0.086**	**0.31**	**0.002**
ARITH MEAN						**35.051**	**11.5**	**12.4**	**0.022**	**0.011**	**0.025**	**0.23**	**0.002**
GEOM MEAN						**30.382**	**9.2**	**12.4**	**0.015**	**0.004**	**0.017**	**0.23**	
MINIMUM						**6.910**	**4.0**	**12.0**	**0.005**	**0.001**	**0.002**	**0.200**	**0.002**
STD DEV (GEOM *)						**16.244**	**7.7**	**0.5**	**0.026**	**0.019**	**0.024**	**0.03**	
# SAMPLES (IN STATISTICS)						**10**	**6**	**9**	**9**	**9**	**9**	**9**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
81 03 14 1400		.3	1	0.263	0.301	0.164	0.465	66.0	2.0	64.000	98.0	0.72	1.650
81 04 19 1300		.3	1			0.200			8		80	3.60	1.55
81 05 23 1900		.3	1			0.178			6		104	4.00	1.35
81 06 20 1805		.3	1			0.186			3		92	1.60	1.10
81 08 01 1900		.3	1			0.248			4.2		106	0.70	1.25
81 09 05 2145		.3	1			0.224			17.1		137	6.20	3.80
81 10 02 1830		.3	1			0.252					121	1.16	2.20
81 10 30 1800		.3	1			0.226			2.7		88	0.75	1.20
81 12 05 1820		.3	1			0.194			2.0		102	1.14	1.85
MAXIMUM				**0.263**	**0.301**	**0.252**	**0.465**	**66.0**	**17.1**	**64.000**	**137**	**6.20**	**3.80**
ARITH MEAN				**0.263**	**0.301**	**0.208**	**0.465**	**66.0**	**5**	**64.000**	**103**	**2.21**	**1.77**
GEOM MEAN						**0.206**			**4**		**101**	**1.61**	**1.64**
MINIMUM				**0.263**	**0.301**	**0.164**	**0.465**	**66.0**	**2.0**	**64.000**	**80**	**0.70**	**1.10**
STD DEV (GEOM *)						**0.031**			**5**		**17**	**1.95**	**0.83**
# SAMPLES (IN STATISTICS)				**1**	**1**	**9**	**1**	**1**	**8**	**1**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				ALKT	PH	PHNOL	FEUT	HARDT	CAUR	MGUR	ASUT	ALUT	CUUT
81 01 02 1430		.3	1									0.110	0.006
81 03 14 1400		.3	1		6.65							0.075	0.009
81 04 19 1300		.3	1	14	7.39	1<T	0.32						0.014
81 05 23 1900		.3	1	17	7.60	1	0.21						0.006
81 06 20 1805		.3	1	19	7.60	1<T	0.19						0.008
81 08 01 1900		.3	1	21		1	0.22	36	10.4	2.45	0.001<		0.008
81 09 05 2145		.3	1	21	7.57	1	0.450						0.091
81 10 02 1830		.3	1	23	7.56	1<T	0.31						0.008
81 10 30 1800		.3	1	17	7.19	1<T	0.13						0.008
81 12 05 1820		.3	1	19	7.62	1<T	0.15						0.007
MAXIMUM				**23**	**7.62**	**1**	**0.450**	**36**	**10.4**	**2.45**		**0.110**	**0.091**
ARITH MEAN				**19**	**7.40**	**1<A**	**0.24**	**36**	**10.4**	**2.45**		**0.092**	**0.016**
GEOM MEAN				**19**	**7.39**	**1<A**	**0.22**					**0.091**	**0.010**
MINIMUM				**14**	**6.65**	**1**	**0.13**	**36**	**10.4**	**2.45**		**0.075**	**0.006**
STD DEV (GEOM *)				**3**	**0.34**	**0<A**	**0.10**					**0.025**	**0.026**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**1**	**1**	**1**		**2**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				PBUT	ZNUT	NIUT
81 01 02 1430		.3	1	0.003<	0.006	0.035
81 03 14 1400		.3	1	0.003<	0.026	0.081
81 04 19 1300		.3	1	0.003<	0.012	
81 05 23 1900		.3	1	0.003<	0.001	
81 06 20 1805		.3	1	0.003<	0.016	
81 08 01 1900		.3	1	0.008	0.002	0.0360
81 09 05 2145		.3	1	0.003<	0.006	
81 10 02 1830		.3	1	0.003<	0.004	
81 10 30 1800		.3	1	0.003	0.004	
81 12 05 1820		.3	1	0.004	0.013	
MAXIMUM				**0.008**	**0.026**	**0.081**
ARITH MEAN				**0.005**	**0.009**	**0.050**
GEOM MEAN				**0.005**	**0.006**	**0.046**
MINIMUM				**0.003**	**0.001**	**0.035**
STD DEV (GEOM *)				**0.003**	**0.008**	**0.026**
# SAMPLES (IN STATISTICS)				**3**	**10**	**3**

B.O.W./ SITE: **EMERY CREEK**
SAMPLE POINT: **UPSTREAM FROM WANAPITEI RIVER WAHNAPITAE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02DB101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-003-02**
STORET CODE: **02 002 5500**

LAT: LONG: U T M: **17 0519400.0 5152750.0 4** REGION: **05** DISTANCE: **96.753**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 01 10 1400		.3	1	24016	4 6 8	0.0	10.0	0.075	0.004	0.130	0.420	0.005	0.075
81 03 15 1000		.3	1	24042	4 6 8	0.0	10.0	0.007	0.001	0.022	0.230	0.001	0.019
81 04 19 0910		.3	1	24078	3 6 8	4.0	9.00	0.014	0.001	0.032	0.28	0.009	0.040
81 05 23 1510		.3	1	24103	6 8	16.0	9.00	0.019	0.001<T	0.032	0.34	0.001	0.005<T
81 06 22 0840		.3	1	24149	6 8	20.0	9.00	0.042	0.004	0.016	0.68	0.008	0.105
81 08 01 1240		.3	1	24167	6 8	21.0	8.00	0.050	0.006	0.004	1.10	0.012	0.160
81 09 04 1220		.3	1	24184	6 8	20.0	9.00	0.032	0.007	0.070	0.70	0.010	0.030
81 10 04 1040		.3	1	24235	6 8	6.0	9.00	0.220	0.155	0.036	0.35	0.002	0.205
81 10 30 1430		.3	1	24250	6 8	6.0	9.00	0.010	0.003	0.034	0.41	0.002	0.030
81 12 05 1455		.3	1	24300	6 8 4	0.0	8.00	0.013	0.001	0.050	0.28	0.002	0.065
MAXIMUM						**21.0**	**10.0**	**0.220**	**0.155**	**0.130**	**1.10**	**0.012**	**0.205**
ARITH MEAN						**13.3**	**9.0**	**0.048**	**0.018<A**	**0.043**	**0.47**	**0.005**	**0.073<A**
GEOM MEAN						**11.0**	**8.9**	**0.028**	**0.004<A**	**0.031**	**0.42**	**0.004**	**0.047<A**
MINIMUM						**4.0**	**8.00**	**0.007**	**0.001**	**0.004**	**0.230**	**0.001**	**0.005**
STD DEV (GEOM *)						**7.6**	**0.6**	**0.064**	**0.048<A**	**0.036**	**0.27**	**0.004**	**0.065<A**
# SAMPLES (IN STATISTICS)						**7**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

B.O.W./ SITE: **EMERY CREEK**
SAMPLE POINT: **UPSTREAM FROM WANAPITEI RIVER WAHNAPITAE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02DB101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-003-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0519400.0 5152750.0 4** REGION: **05** DISTANCE: **95.753**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
	TEST-NAME:			*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 10 1400		.3	1		0.210	0.290	0.500	115.0	8.0		165.0	0.49	1.750
81 03 15 1000		.3	1		0.042	0.208	0.250	72.0	4.0	68.000	134.0	1.80	1.000
81 04 19 0910		3	1	0.050	0.081	0.248	0.329		5	59	90		
81 05 23 1510		3	1	0.005<T	0.038	0.308	0.346		7	74	114		
81 06 22 0840		3	1	0.115	0.129	0.664	0.793		3	74	114		
81 08 01 1240		3	1	0.170	0.176	1.096	1.272		5.6	78	120		
81 09 04 1220		3	1	0.040	0.110	0.630	0.740		5.5	78	120		
81 10 04 1040		3	1	0.205	0.243	0.314	0.557			90	138		
81 10 30 1430		3	1	0.030	0.066	0.376	0.442		2.5	72	110		
81 12 05 1455		3	1	0.065	0.117	0.230	0.347		3.0	91	140		
	MAXIMUM			**0.205**	**0.243**	**1.096**	**1.272**	**115.0**	**8.0**	**91**	**165.0**	**1.80**	**1.750**
	ARITH MEAN			**0.085<A**	**0.130**	**0.451**	**0.581**	**93.5**	**4**	**76**	**124**	**1.14**	**1.375**
	GEOM MEAN			**0.055<A**	**0.114**	**0.385**	**0.517**	**91.0**	**4**	**75**	**123**	**0.94**	**1.323**
	MINIMUM			**0.005**	**0.042**	**0.208**	**0.250**	**72.0**	**2.5**	**59**	**90**	**0.49**	**1.000**
	STD DEV (GEOM *)			**0.071<A**	**0.067**	**0.294**	**0.317**	**30.4**	**1**	**10**	**20**	**0.93**	**0.530**
	# SAMPLES (IN STATISTICS)			**8**	**9**	**9**	**9**	**2**	**9**	**9**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
	TEST-NAME:			*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 01 10 1400		.3	1			6.63			0.058	0.004	0.003<	0.003	
81 03 15 1000		.3	1			6.45			0.220	0.033	0.003<	0.045	
81 04 19 0910		.3	1	29.0	12	6.98	0.60	0.001<	0.180	0.016	0.003<	0.017	0.106
81 05 23 1510		.3	1	30.0	17	7.04	0.97	0.001	0.130	0.009	0.003<	0.007	0.104
81 06 22 0840		.3	1	29.0	26	6.95	2.9	0.005	0.110	0.024	0.003<	0.014	0.112
81 08 01 1240		.3	1	18.5	46	7.33	6.300	0.006	0.210	0.018	0.003<	0.010	0.216
81 09 04 1220		.3	1	14.5	46	7.30	2.25	0.004	1.400	0.011	0.003<	0.021	0.116
81 10 04 1040		.3	1	51.0	14	6.86	1.26	0.002	0.190	0.015	0.003<	0.012	0.080
81 10 30 1430		.3	1	40.5	11	6.66	0.53	0.001<	0.110	0.019	0.010	0.034	0.104
81 12 05 1455		.3	1	43.0	13	7.10	0.67	0.001<	0.110	0.017	0.003<	0.037	0.104
	MAXIMUM			**51.0**	**46**	**7.33**	**6.300**	**0.006**	**1.400**	**0.033**	**0.010**	**0.045**	**0.216**
	ARITH MEAN			**31.9**	**23**	**6.93**	**1.9**	**0.004**	**0.272**	**0.017**	**0.010**	**0.020**	**0.118**
	GEOM MEAN			**29.7**	**20**	**6.92**	**1.3**	**0.003**	**0.172**	**0.015**		**0.015**	**0.113**
	MINIMUM			**14.5**	**11**	**6.45**	**0.53**	**0.001**	**0.058**	**0.004**	**0.010**	**0.003**	**0.080**
	STD DEV (GEOM *)			**12.3**	**15**	**0.29**	**1.9**	**0.002**	**0.400**	**0.008**		**0.014**	**0.041**
	# SAMPLES (IN STATISTICS)			**8**	**8**	**10**	**8**	**5**	**10**	**10**	**1**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*NIUT*
81 01 10 1400		.3	1	0.010
81 03 15 1000		.3	1	0.770
81 04 19 0910		.3	1	0.190
81 05 23 1510		.3	1	0.100
81 06 22 0840		.3	1	0.1000
81 08 01 1240		.3	1	0.1000
81 09 04 1220		.3	1	0.0070
81 10 04 1040		.3	1	0.2400
81 10 30 1430		.3	1	0.5200
81 12 05 1455		.3	1	0.2900
	MAXIMUM			**0.770**
	ARITH MEAN			**0.232**
	GEOM MEAN			**0.114**
	MINIMUM			**0.0070**
	STD DEV (GEOM *)			**0.242**
	# SAMPLES (IN STATISTICS)			**10**

B.O.W./ SITE: **CONISTON CREEK**
SAMPLE POINT: **HIGHWAY 17 CONISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-005-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0512100.0 5148750.0 4** REGION: **05** DISTANCE: **88.512**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1530		.3	1	24019	4 6 8	0.0	9.0	0.009	0.002	0.314	0.680	0.008	0.928
81 03 14 1245		.3	1	24038	6 8	0.0	8.0	0.009	0.001<	0.530	0.820	0.115	0.590
81 04 19 1115		.3	1	24082	3 6 9	4.0	9.00	0.011	0.001	0.062	0.32	0.004	0.580
81 05 23 1730		.3	1	24108	6 8	15.0	8.00	0.006	0.001<T	0.020	0.23	0.001<T	0.010
81 06 20 1705		.3	1	24138	6 8	21.0	7.00	0.024	0.005	0.022	0.32	0.002	0.010
81 08 02 1545		.3	1	24172	6 8	21.0	8.00	0.122	0.081	0.004	0.52	0.001<T	1.150
81 09 05 1545		.3	1	24206	6 8	20.0	8.00	0.040	0.001	0.024	0.40	0.002	0.400
81 10 04 1300		.3	1	24240	6 8	5.0	7.00	0.016	0.003	0.020	0.30	0.001	0.070
81 10 30 1655		.3	1	24255	6 8	6.0	7.00	0.005	0.002	0.010	0.20	0.001	0.250
81 12 05 1705		.3	1	24305	6 8	0.0	9.00	0.010	0.001	0.056	0.26	0.004	0.625
	MAXIMUM					**21.0**	**9.0**	**0.122**	**0.081**	**0.530**	**0.820**	**0.115**	**1.150**
	ARITH MEAN					**13.1**	**8.0**	**0.025**	**0.011<A**	**0.106**	**0.40**	**0.014<A**	**0.461**
	GEOM MEAN					**10.7**	**7.9**	**0.015**	**0.003<A**	**0.037**	**0.36**	**0.003<A**	**0.209**
	MINIMUM					**4.0**	**7.00**	**0.005**	**0.001**	**0.004**	**0.20**	**0.001**	**0.010**
	STD DEV (GEOM *)					**7.9**	**0.8**	**0.036**	**0.026<A**	**0.175**	**0.20**	**0.036<A**	**0.389**
	# SAMPLES (IN STATISTICS)					**7**	**10**	**10**	**9**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 10 1530		.3	1		1.250	0.366	1.616	803.0	10.0		1000.0	2.40	35.000
81 03 14 1245		.3	1		1.235	0.290	1.525	593.0	8.0		800.0	2.60	28.500
81 04 19 1115		.3	1	0.585	0.646	0.258	0.904		9	403	560		
81 05 23 1730		.3	1	0.010	0.031	0.210	0.241		2	678	900		
81 06 20 1705		.3	1	0.010	0.034	0.298	0.332		3	763	960		
81 08 02 1545		.3	1	1.150	1.155	0.516	1.671		5.5	622	820		
81 09 05 1545		.3	1	0.400	0.426	0.376	0.802		26.6	344	455		
81 10 04 1300		.3	1	0.070	0.091	0.280	0.371				600		
81 10 30 1655		.3	1	0.250	0.261	0.190	0.451		1.5	517	660		
81 12 05 1705		.3	1	0.630	0.685	0.204	0.889		5.3	443	650		
MAXIMUM				**1.150**	**1.250**	**0.516**	**1.671**	**803.0**	**26.6**	**763**	**1000.0**	**2.60**	**35.000**
ARITH MEAN				**0.388**	**0.581**	**0.299**	**0.880**	**698.0**	**7**	**539**	**740**	**2.50**	**31.750**
GEOM MEAN				**0.153**	**0.311**	**0.286**	**0.716**	**690.1**	**5**	**520**	**719**	**2.50**	**31.583**
MINIMUM				**0.010**	**0.031**	**0.190**	**0.241**	**593.0**	**1.5**	**344**	**455**	**2.40**	**28.500**
STD DEV (GEOM *)				**0.394**	**0.493**	**0.099**	**0.552**	**148.5**	**7**	**154**	**182**	**0.14**	**4.596**
# SAMPLES (IN STATISTICS)				**8**	**10**	**10**	**10**	**2**	**9**	**7**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
TEST-NAME:				*SSO4UR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*
81 01 10 1530		.3	1			6.88			0.001<	0.200	0.047	0.003<	0.0009
81 03 14 1245		.3	1			6.52				0.230	0.061	0.003<	
81 04 19 1115		.3	1	201.0	12	7.34		0.43	0.001<	0.180	0.036	0.003<	
81 05 23 1730		.3	1	439.0	25	7.70		0.26	0.001<	0.067	0.014	0.010	
81 06 20 1705		.3	1	412.0	45	7.72		0.35	0.001	0.073	0.021	0.003<	
81 08 02 1545		.3	1	362.0	71	7.82	1	0.48		0.210	0.022	0.008	
81 09 05 1545		.3	1	132.0	43	7.21		0.89	0.002	0.460	0.055	0.003<	
81 10 04 1300		.3	1	212.0	37	7.58		0.35	0.001<	0.160	0.026	0.003<	
81 10 30 1655		.3	1	293.0	27	7.44		0.21	0.001<	0.110	0.026	0.006	
81 12 05 1705		.3	1	257.0	35	7.93		0.33	0.001<	0.150	0.022	0.003<	
MAXIMUM				**439.0**	**71**	**7.93**	**1**	**0.89**	**0.002**	**0.460**	**0.061**	**0.010**	**0.0009**
ARITH MEAN				**288.5**	**37**	**7.41**	**1**	**0.41**	**0.001**	**0.184**	**0.033**	**0.008**	**0.0009**
GEOM MEAN				**269.4**	**33**	**7.40**		**0.38**	**0.001**	**0.159**	**0.030**	**0.008**	
MINIMUM				**132.0**	**12**	**6.52**	**1**	**0.21**	**0.001**	**0.067**	**0.014**	**0.006**	**0.0009**
STD DEV (GEOM *)				**108.4**	**17**	**0.44**		**0.21**	**0.001**	**0.112**	**0.016**	**0.002**	
# SAMPLES (IN STATISTICS)				**8**	**8**	**10**	**1**	**8**	**2**	**10**	**10**	**3**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ZNUT*	*MNUT*	*NIUT*
81 01 10 1530		.3	1	0.014		1.000
81 03 14 1245		.3	1	0.082		2.100
81 04 19 1115		.3	1	0.046	0.138	1.300
81 05 23 1730		.3	1	0.008	0.098	0.530
81 06 20 1705		.3	1	0.004	0.086	0.4000
81 08 02 1545		.3	1	0.010		0.5900
81 09 05 1545		.3	1	0.018	0.128	0.3600
81 10 04 1300		.3	1	0.012	0.066	0.4900
81 10 30 1655		.3	1	0.020	0.052	0.9600
81 12 05 1705		.3	1	0.025	0.110	0.600
MAXIMUM				**0.082**	**0.138**	**2.100**
ARITH MEAN				**0.024**	**0.097**	**0.833**
GEOM MEAN				**0.017**	**0.092**	**0.714**
MINIMUM				**0.004**	**0.052**	**0.3600**
STD DEV (GEOM *)				**0.024**	**0.031**	**0.537**
# SAMPLES (IN STATISTICS)				**10**	**7**	**10**

B.O.W / SITE: **CONISTON CREEK**
SAMPLE POINT: **UPSTREAM FROM WANAPITEI RIVER CONISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-006-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M. **17 0513700.0 5146600.0 4** REGION: **05** DISTANCE: **84.971**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 01 10 1620		.3	1	24021	2								
81 03 14 1310		.3	1	24039	6 8				0.0	8.0	0.060	0.005	1.050
81 04 19 1145		.3	1	24083	3 6 9	4<	4<	10<	4.0	8.00	0.062	0.012	0.268
81 05 23 1800		.3	1	24109	6 8				15.0	8.00	0.087	0.050	0.004
81 06 20 1730		.3	1	24139	6 8	4<	292	4<	20.0	7.00	0.160	0.083	0.010
81 08 02 1620		.3	1	24173	6 8 9	18000	250000	4	21.0	8.00	0.055	0.026	0.002
81 09 05 1620		.3	1	24207	6 8 9	7500	20000	4	20.0	8.00	0.058	0.008	0.046
81 10 04 1335		.3	1	24241	6 8 9	110	2300	4	5.0	8.00	0.040	0.015	0.004
81 10 30 1720		.3	1	24256	6 8 9				6.0	8.00	0.035	0.015	0.012
81 12 05 1730		.3	1	24306	6 8				0.0	8.00	0.053	0.019	0.110
MAXIMUM						**18000**	**250000**	**4**	**21.0**	**8.0**	**0.160**	**0.083**	**1.050**
ARITH MEAN						**8537**	**68148**	**4**	**13.0**	**7.8**	**0.068**	**0.026**	**0.167**
GEOM MEAN						**2458**	**7612**	**4**	**10.6**	**7.8**	**0.061**	**0.018**	**0.026**
MINIMUM						**110**	**292**	**4**	**4.0**	**7.00**	**0.035**	**0.005**	**0.002**
STD DEV (GEOM *)						**15***	**18***	**1***	**7.7**	**0.3**	**0.038**	**0.025**	**0.342**
# SAMPLES (IN STATISTICS)						**3**	**4**	**3**	**7**	**9**	**9**	**9**	**9**

(CONTD)

B.O.W / SITE: **CONISTON CREEK**
SAMPLE POINT: **UPSTREAM FROM WANAPITEI RIVER CONISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-006-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M: **17 0513700.0 5146600.0 4** REGION: **05** DISTANCE: **84.971**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
TEST-NAME:				*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*
81 03 14 1310		3	1	1.460	0.090	0.570		1.710	0.410	2.120	572.0	36.0	
81 04 19 1145		3	1	0.61	0.018	0.585	0.605	0.871	0.342	1.213		19	344
81 05 23 1800		3	1	0.51			0.320		0.506	0.830		4	618
81 06 20 1730		3	1	0.60	0.001	0.470	0.470	0.481	0.590	1.071		3	744
81 08 02 1620		3	1	0.50	0.001<T	1.400	1.400	1.403	0.498	1.901		7.4	808
81 09 05 1620		3	1	0.48	0.026	0.660	0.685	0.732	0.434	1.166		48.6	295
81 10 04 1335		3	1	0.40	0.001<T	0.300	0.300	0.305	0.396	0.701			
81 10 30 1720		3	1	0.40	0.003	0.460	0.465	0.475	0.388	0.863		6.1	474
81 12 05 1730		3	1	0.41	0.069	0.660	0.730	0.839	0.300	1.139		17.3	391
MAXIMUM				**1.460**	**0.090**	**1.400**	**1.400**	**1.710**	**0.590**	**2.120**	**572.0**	**48.6**	**808**
ARITH MEAN				**0.59**	**0.026<A**	**0.638**	**0.622**	**0.852**	**0.429**	**1.223**	**572.0**	**17**	**525**
GEOM MEAN				**0.54**	**0.007<A**	**0.582**	**0.554**	**0.739**	**0.421**	**1.149**		**11**	**492**
MINIMUM				**0.40**	**0.001**	**0.300**	**0.300**	**0.305**	**0.300**	**0.701**	**572.0**	**3**	**295**
STD DEV (GEOM *)				**0.33**	**0.035<A**	**0.330**	**0.351**	**0.483**	**0.089**	**0.481**		**16**	**201**
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**8**	**8**	**9**	**9**	**1**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*ALUT*
81 03 14 1310		3	1	760.0	9.80	34.000			6.71				0.810
81 04 19 1145		3	1	500	3.50	27.00	159.0	20	7.38	1<T	0.34	0.001<	0.540
81 05 23 1800		3	1	800	3.70	34.00	369.0	31	7.89	1<T	0.63	0.001<	0.054
81 06 20 1730		3	1	960	4.00	32.00	410.0	45	7.72	1<T	0.65	0.001	0.100
81 08 02 1620		3	1	1180	1.38	117.00	372.0	78	7.51	2	0.82	0.001<	0.290
81 09 05 1620		3	1	405	18.50	21.50	114.0	37	7.23	1<T	1.74	0.001	0.920
81 10 04 1335		3	1	570	2.60	24.00	176.0	38	7.63	1<T	0.62	0.001<	0.310
81 10 30 1720		3	1	620	3.90	21.50	260.0	31	7.50	1<T	0.67	0.001<	0.270
81 12 05 1730		3	1	620	10.90				7.91	1<T	0.94	0.001<	0.370
MAXIMUM				**1180**	**18.50**	**117.00**	**410.0**	**78**	**7.91**	**2**	**1.74**	**0.001**	**0.920**
ARITH MEAN				**712**	**6.48**	**38.87**	**265.7**	**40**	**7.50**	**1<A**	**0.80**	**0.001**	**0.407**
GEOM MEAN				**678**	**4.83**	**32.66**	**240.6**	**37**	**7.49**	**1<A**	**0.73**	**0.001**	**0.300**
MINIMUM				**405**	**1.38**	**21.50**	**114.0**	**20**	**6.71**	**1**	**0.34**	**0.001**	**0.054**
STD DEV (GEOM *)				**241**	**5.54**	**31.99**	**119.2**	**18**	**0.37**	**0<A**	**0.42**	**0.000**	**0.297**
# SAMPLES (IN STATISTICS)				**9**	**9**	**8**	**7**	**7**	**9**	**8**	**8**	**2**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*
81 03 14 1310		3	1	0.110	0.003<	0.085		2.600
81 04 19 1145		3	1	0.120	0.003<	0.033	0.172	1.700
81 05 23 1800		3	1	0.018	0.004	0.017	0.098	0.590
81 06 20 1730		3	1	0.023	0.003<	0.010	0.102	0.6300
81 08 02 1620		3	1	0.068	0.007	0.043	0.148	0.8400
81 09 05 1620		3	1	0.200	0.003<	0.038	0.176	1.0000
81 10 04 1335		3	1	0.075	0.003<	0.016	0.106	0.8700
81 10 30 1720		3	1	0.068	0.003<	0.030	0.102	1.9000
81 12 05 1730		3	1	0.050	0.003<	0.033	0.156	0.910
MAXIMUM				**0.200**	**0.007**	**0.085**	**0.176**	**2.600**
ARITH MEAN				**0.081**	**0.005**	**0.034**	**0.132**	**1.226**
GEOM MEAN				**0.064**	**0.005**	**0.028**	**0.129**	**1.084**
MINIMUM				**0.018**	**0.004**	**0.010**	**0.098**	**0.590**
STD DEV (GEOM *)				**0.056**	**0.002**	**0.022**	**0.034**	**0.684**
# SAMPLES (IN STATISTICS)				**9**	**2**	**9**	**8**	**9**

B.O.W / SITE: **WANAPITEI RIVER**
SAMPLE POINT: **AT TIMMINS CHUTE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-008-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M: **17 0522300.0 5151850.0 4** REGION: **05** DISTANCE: **96.075**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1430		3	1	24017	468	0.0	13.0	0.006	0.002	0.012	0.180	0.001	0.250
81 03 15 0925		3	1	24041	68	0.0	12.0	0.006	0.001	0.002	0.170	0.001<	0.260
81 04 19 0940		3	1	24079	369	4.0	12.00	0.003	0.001	0.014	0.19		
81 05 23 1535		3	1	24104	68	15.0	12.00	0.005	0.001<T	0.014	0.18		
81 06 22 0910		3	1	24150	68	20.0		0.015	0.807	0.028	0.19		
81 08 01 1330		3	1	24168	68	20.0	12.00	0.008	0.002	0.008	0.23		
81 09 04 1300		3	1	24185	68	20.0	12.00	0.010	0.005	0.026	0.21		
81 10 04 1110		3	1	24236	68	5.0	13.00	0.250	0.240	0.032	0.23		
81 10 30 1500		3	1	24251	68	5.0	13.00	0.016	0.013	0.034	0.68		
81 12 05 1520		3	1	24301	68	0.0	13.00	0.004	0.001	0.006	0.17		
MAXIMUM						**20.0**	**13.0**	**0.250**	**0.807**	**0.034**	**0.68**	**0.001**	**0.260**
ARITH MEAN						**12.7**	**12.4**	**0.032**	**0.107<A**	**0.018**	**0.24**	**0.001**	**0.255**
GEOM MEAN						**10.3**	**12.4**	**0.010**	**0.008<A**	**0.013**	**0.21**		**0.255**
MINIMUM						**4.0**	**12.0**	**0.003**	**0.001**	**0.002**	**0.170**	**0.001**	**0.250**
STD DEV (GEOM *)						**7.7**	**0.5**	**0.077**	**0.257<A**	**0.011**	**0.15**		**0.007**
# SAMPLES (IN STATISTICS)						**7**	**9**	**10**	**10**	**10**	**10**	**1**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3
81 01 10 1430		.3	1	0.263	0.168	0.431	55.0	3.0		80.0	0.52	0.550	
81 03 15 0925		.3	1	0.263	0.168	0.431	56.0	7.0	49.000	76.0	0.92	0.500	
81 04 19 0940		.3	1		0.176			0.6		70	0.80	0.45	16
81 05 23 1535		.3	1		0.166			2		74	0.65	0.50	17
81 06 22 0910		.3	1		0.162			1 <T		74	0.76	0.50	17
81 08 01 1330		.3	1		0.222			1.1		78	0.69	0.55	21
81 09 04 1300		.3	1		0.184			2.5		76	0.70	0.50	19
81 10 04 1110		.3	1		0.198					76	0.46	0.50	18
81 10 30 1500		.3	1		0.646			0.7		76	0.57	1.15	16
81 12 05 1520		.3	1		0.164			0.1<W		80	0.66	0.55	16
MAXIMUM				**0.263**	**0.646**	**0.431**	**56.0**	**7.0**	**49.000**	**80.0**	**0.92**	**1.15**	**21**
ARITH MEAN				**0.263**	**0.225**	**0.431**	**55.5**	**2 <A**	**49.000**	**76**	**0.67**	**0.57**	**17**
GEOM MEAN				**0.263**	**0.202**	**0.431**	**55.5**	**1 <A**		**75**	**0.66**	**0.55**	**17**
MINIMUM				**0.263**	**0.162**	**0.431**	**55.0**	**0.1**	**49.000**	**70**	**0.46**	**0.45**	**16**
STD DEV (GEOM *)				**0.000**	**0.149**	**0.000**	**0.7**	**2 <A**		**3**	**0.14**	**0.20**	**2**
# SAMPLES (IN STATISTICS)				**2**	**10**	**2**	**2**	**9**	**1**	**10**	**10**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 10 1430		.3	1	7.04							0.190	0.016	0.003<
81 03 15 0925		.3	1	7.21							0.140	0.005	0.003<
81 04 19 0940		.3	1		1<T	0.09	25	7.4	1.70	0.001<		0.002	0.003<
81 05 23 1535		.3	1		1<T	0.07	29	8.0	2.10	0.001<		0.002	0.003<
81 06 22 0910		.3	1		1<T	0.12	28	7.8	2.00	0.001<		0.004	0.003<
81 08 01 1330		.3	1		1	0.23	29	8.4	2.05	0.001<		0.005	0.003<
81 09 04 1300		.3	1		1<T	0.12	28	8.2	1.80	0.001<		0.032	0.003<
81 10 04 1110		.3	1		1	0.15	31	9.0	2.00	0.001<		0.003	0.003<
81 10 30 1500		.3	1		1<T	0.10	28	7.8	2.10	0.001<		0.006	0.005
81 12 05 1520		.3	1		1<T	0.06	31	9.2	1.95	0.001<		0.002	0.003<
MAXIMUM				**7.21**	**1**	**0.23**	**31**	**9.2**	**2.10**		**0.190**	**0.032**	**0.005**
ARITH MEAN				**7.12**	**1<A**	**0.12**	**29**	**8.2**	**1.96**		**0.165**	**0.008**	**0.005**
GEOM MEAN				**7.12**	**1<A**	**0.11**	**29**	**8.2**	**1.96**		**0.163**	**0.005**	
MINIMUM				**7.04**	**1**	**0.06**	**25**	**7.4**	**1.70**		**0.140**	**0.002**	**0.005**
STD DEV (GEOM *)				**0.12**	**0<A**	**0.05**	**2**	**0.6**	**0.14**		**0.035**	**0.009**	
# SAMPLES (IN STATISTICS)				**2**	**8**	**8**	**8**	**8**	**8**		**2**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 10 1430		.3	1	0.030	0.260	1<	1<	1<	2	1<	10<
81 03 15 0925		.3	1	0.011	0.020						
81 04 19 0940		.3	1	0.010	0.010						
81 05 23 1535		.3	1	0.001	0.009						
81 06 22 0910		.3	1	0.006	0.0100						
81 08 01 1330		.3	1	0.007	0.0160						
81 09 04 1300		.3	1	0.024	0.5800						
81 10 04 1110		.3	1	0.004	0.0120						
81 10 30 1500		.3	1	0.012	0.0340						
81 12 05 1520		.3	1	0.007	0.016						
MAXIMUM				**0.030**	**0.5800**				**2**		
ARITH MEAN				**0.011**	**0.096**				**2**		
GEOM MEAN				**0.008**	**0.027**						
MINIMUM				**0.001**	**0.009**				**2**		
STD DEV (GEOM *)				**0.009**	**0.186**						
# SAMPLES (IN STATISTICS)				**10**	**10**				**1**		

B.O.W. / SITE: **ROMFORD CREEK**
SAMPLE POINT: **UPSTREAM FROM JUNCTION WITH CONISTON CR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-013-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0512500.0 5147800.0 4** REGION: **05** DISTANCE: **88.672**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 10 1545		.3	1	24020	2								
81 04 19 1055		.3	1	24081	3 6 9	4.0	8.00	0.019	0.003	0.016	0.48	0.002	1.200
81 05 23 1705		.3	1	24107	6 8 9	16.0	8.00	0.017	0.003	0.048	0.66	0.004	0.030
81 06 20 1645		.3	1	24137	6 8 9	21.0	6.00	0.060	0.006	0.016	1.25	0.005	0.195
81 08 01 1520		.3	1	24171	6 8 9	22.0	7.00	0.028	0.001	0.010	0.32	0.001	0.005<T
81 09 05 1525		.3	1	24205	6 8 9	20.0	7.00	0.045	0.010	0.042	0.52	0.009	0.430
81 10 04 1235		.3	1	24239	6 8 9	6.0	6.00	0.206	0.155	0.032	0.54	0.005	0.085
81 10 30 1640		.3	1	24254	6 8 9	6.0	7.00	0.010	0.008	0.016	0.37	0.008	0.300
81 12 05 1645		.3	1	24304	6 8	0.0	7.00	0.013	0.005	0.030	0.39	0.006	0.395
MAXIMUM						**22.0**	**8.00**	**0.206**	**0.155**	**0.048**	**1.25**	**0.009**	**1.200**
ARITH MEAN						**13.6**	**7.00**	**0.050**	**0.024**	**0.026**	**0.57**	**0.005**	**0.330<A**
GEOM MEAN						**11.1**	**6.96**	**0.030**	**0.007**	**0.023**	**0.52**	**0.004**	**0.141<A**
MINIMUM						**4.0**	**6.00**	**0.010**	**0.001**	**0.010**	**0.32**	**0.001**	**0.005**
STD DEV (GEOM *)						**8.0**	**0.76**	**0.065**	**0.053**	**0.014**	**0.30**	**0.003**	**0.387<A**
# SAMPLES (IN STATISTICS)						**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

(CONTD)

B.O.W./SITE: **ROMFORD CREEK**
SAMPLE POINT: **UPSTREAM FROM JUNCTION WITH CONISTON CR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-013-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0512500.0 5147800.0 4** REGION: **05** DISTANCE: **88.672**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 04 19 1055	3	1		1.200	1.218	0.464	1.682	23	221	340	37.0	41	7.89
81 05 23 1705	3	1		0.035	0.082	0.612	0.694	4	327	580	34.0	90	8.16
81 06 20 1645	3	1		0.200	0.216	1.234	1.450	21	598	1050	30.0	205	8.05
81 08 01 1520	3	1		0.005	0.016	0.310	0.326	3.8	677	880	341.0	75	7.96
81 09 05 1525	3	1		0.440	0.481	0.478	0.959	7.6	156	240	43.5	26	6.82
81 10 04 1235	3	1		0.090	0.122	0.508	0.630		176	270	43.0	39	7.52
81 10 30 1640	3	1		0.310	0.324	0.354	0.678	2.5	202	310	43.5	54	7.61
81 12 05 1645	3	1		0.400	0.431	0.360	0.791	4.6	234	360	52.0	54	7.96
MAXIMUM				**1.200**	**1.218**	**1.234**	**1.682**	**23**	**677**	**1050**	**341.0**	**205**	**8.16**
ARITH MEAN				**0.335**	**0.361**	**0.540**	**0.901**	**9**	**324**	**504**	**78.0**	**73**	**7.75**
GEOM MEAN				**0.146**	**0.203**	**0.491**	**0.806**	**6**	**280**	**436**	**52.1**	**60**	**7.74**
MINIMUM				**0.005**	**0.016**	**0.310**	**0.326**	**2.5**	**156**	**240**	**30.0**	**26**	**6.82**
STD DEV (GEOM *)				**0.386**	**0.384**	**0.297**	**0.451**	**8**	**201**	**306**	**106.5**	**57**	**0.43**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**7**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 04 19 1055	3	1		0.61	0.180	0.066	0.003<	0.050	0.690
81 05 23 1705	3	1		0.40	0.120	0.033	0.010	0.007	0.300
81 06 20 1645	3	1		1.75	0.170	0.041	0.004	0.024	0.2500
81 08 01 1520	3	1		0.45	0.160	0.021	0.008	0.018	0.1300
81 09 05 1525	3	1		0.43	0.310	0.090	0.003<	0.045	0.5900
81 10 04 1235	3	1		0.33	0.230	0.065	0.003<	0.028	0.5800
81 10 30 1640	3	1		0.24	0.180	0.063	0.006	0.045	1.1000
81 12 05 1645	3	1		0.36	0.250	0.063	0.005	0.048	0.720
MAXIMUM				**1.75**	**0.310**	**0.090**	**0.010**	**0.050**	**1.1000**
ARITH MEAN				**0.57**	**0.200**	**0.055**	**0.007**	**0.033**	**0.545**
GEOM MEAN				**0.47**	**0.192**	**0.051**	**0.006**	**0.028**	**0.454**
MINIMUM				**0.24**	**0.120**	**0.021**	**0.004**	**0.007**	**0.1300**
STD DEV (GEOM *)				**0.49**	**0.060**	**0.022**	**0.002**	**0.016**	**0.312**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**5**	**8**	**8**

B.O.W./SITE: **ROMFORD CREEK**
SAMPLE POINT: **EDWARD STREET BRIDGE, CONISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-014-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0511560.0 5147650.0 4** REGION: **05** DISTANCE: **88.994**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 04 19 1030	3	1		24080	3 6 9	4.0	8.00	0.015	0.003	0.016	0.48	0.002	1.200
81 05 23 1645	3	1		24106	6 8 9	16.0	8.00	0.019	0.002	0.086	0.69	0.009	0.045
81 06 20 1620	3	1		24136	6 8 9	21.0	6.00	0.080	0.010	0.012	1.28	0.004	0.171
81 08 01 1500	3	1		24170	6 8 9	22.0	7.00	0.070	0.015	0.004	1.28	0.002	0.330
81 09 05 1500	3	1		24204	6 8 9	20.0	7.00	0.045	0.007	0.042	0.58	0.005	0.470
81 10 04 1215	3	1		24238	6 8 9	6.0	6.00	0.162	0.130	0.040	0.59	0.005	0.095
81 10 30 1620	3	1		24253	6 8	6.0	7.00	0.028	0.019	0.016	0.39	0.002	0.275
81 12 05 1625	3	1		24303	6 8 9	0.0	8.00	0.025	0.002	0.030	0.40	0.005	0.380
MAXIMUM						**22.0**	**8.00**	**0.162**	**0.130**	**0.086**	**1.28**	**0.009**	**1.200**
ARITH MEAN						**13.6**	**7.12**	**0.055**	**0.023**	**0.031**	**0.71**	**0.004**	**0.371**
GEOM MEAN						**11.1**	**7.08**	**0.041**	**0.009**	**0.022**	**0.64**	**0.004**	**0.248**
MINIMUM						**4.0**	**6.00**	**0.015**	**0.002**	**0.004**	**0.39**	**0.002**	**0.045**
STD DEV (GEOM *)						**8.0**	**0.83**	**0.049**	**0.043**	**0.026**	**0.37**	**0.002**	**0.365**
# SAMPLES (IN STATISTICS)						**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 04 19 1030	3	1		1.200	1.218	0.464	1.682	13	221	340	37.5	42	7.94
81 05 23 1645	3	1		0.055	0.140	0.604	0.744	3	318	620	36.5	92	8.15
81 06 20 1620	3	1		0.175	0.187	1.268	1.455	31	596	1040	23.0	205	8.18
81 08 01 1500	3	1		0.330	0.336	1.276	1.612	17.2	562	960	60.0	217	8.21
81 09 05 1500	3	1		0.475	0.517	0.538	1.055	8.0	159	245	45.5	28	7.45
81 10 04 1215	3	1		0.100	0.140	0.550	0.690		169	260	35.5	38	7.61
81 10 30 1620	3	1		0.275	0.293	0.374	0.667	3.0	202	310	47.0	56	7.59
81 12 05 1625	3	1		0.385	0.415	0.370	0.785	6.5	237	365	52.0	63	8.07
MAXIMUM				**1.200**	**1.218**	**1.276**	**1.682**	**31**	**596**	**1040**	**60.0**	**217**	**8.21**
ARITH MEAN				**0.374**	**0.406**	**0.680**	**1.086**	**11**	**308**	**517**	**42.1**	**93**	**7.90**
GEOM MEAN				**0.257**	**0.314**	**0.608**	**1.014**	**8**	**272**	**444**	**40.7**	**71**	**7.89**
MINIMUM				**0.055**	**0.140**	**0.370**	**0.667**	**3**	**159**	**245**	**23.0**	**28**	**7.45**
STD DEV (GEOM *)				**0.363**	**0.354**	**0.374**	**0.432**	**10**	**174**	**320**	**11.4**	**76**	**0.30**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**7**	**8**	**8**	**8**	**8**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT
81 04 19 1030		3	1	0.42	0.001<	0.350	0.062	0.003<	0.042	0.106	0.600
81 05 23 1645		3	1	0.41	0.001<	0.082	0.044	0.003<	0.023	0.118	0.310
81 06 20 1620		3	1	2.90	0.001	0.110	0.043	0.004	0.020	0.116	0.3200
81 08 01 1500		3	1	1.040	0.001<	0.570	0.038	0.016	0.056	0.168	0.1800
81 09 05 1500		3	1	0.46	0.001	0.100	0.003	0.003<	0.011	0.116	0.0250
81 10 04 1215		3	1	0.32	0.001<	0.250	0.067	0.003<	0.027	0.140	0.6000
81 10 30 1620		3	1	0.24	0.001<	0.180	0.062	0.010	0.053	0.130	1.1000
81 12 05 1625		3	1	0.38	0.001<	0.260	0.060	0.007	0.044	0.192	0.700
	MAXIMUM			**2.90**	**0.001**	**0.570**	**0.067**	**0.016**	**0.056**	**0.192**	**1.1000**
	ARITH MEAN			**0.77**	**0.001**	**0.238**	**0.047**	**0.009**	**0.034**	**0.136**	**0.479**
	GEOM MEAN			**0.53**	**0.001**	**0.195**	**0.037**	**0.008**	**0.031**	**0.133**	**0.324**
	MINIMUM			**0.24**	**0.001**	**0.082**	**0.003**	**0.004**	**0.011**	**0.106**	**0.0250**
	STD DEV (GEOM *)			**0.89**	**0.000**	**0.163**	**0.021**	**0.005**	**0.016**	**0.030**	**0.340**
	# SAMPLES (IN STATISTICS)			**8**	**2**	**8**	**8**	**4**	**8**	**8**	**8**

B.O.W./ SITE: **CONISTON CREEK**
SAMPLE POINT: **AT N.I.R. ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FRENCH RIVER WEST CHANNEL**

STATION ID: **03-0134-016-02**
STORET CODE: **02 002 5500**

LAT: LONG: U.T.M.: **17 0515200.0 5156450.0 4** REGION: **05** DISTANCE: **99.600**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 04 19 0830		3	1	24077	3 6 8	4.0	9.00	0.035	0.001	0.760	1.18	0.046	0.465
81 05 23 1445		3	1	24102	6 8	15.0	8.00	0.036	0.004	0.074	0.46	0.002	0.120
81 06 22 0815		3	1	24148	6 8 9	21.0	9.00	0.128	0.022	0.014	0.65	0.001	0.724
81 08 01		3	1	24166	6 8 9	22.0	8.00	0.048	0.015	0.004	0.40	0.001<T	0.120
81 09 04 1200		3	1	24183	6 8 9	20.0	8.00	0.060	0.027	0.014	0.40	0.003	0.145
81 10 04 1015		3	1	24234	6 8 9	6.0	8.00	0.212	0.115	0.054	0.35	0.001<T	0.190
81 10 30 1400		3	1	24249	6 8	6.0	9.00	0.028	0.005	0.006	0.38	0.001<T	0.575
81 12 05 1430		3	1	24299	6 8	0.0	8.00	0.031	0.003	0.380	0.71	0.054	0.925
	MAXIMUM					**22.0**	**9.00**	**0.212**	**0.115**	**0.760**	**1.18**	**0.054**	**0.925**
	ARITH MEAN					**13.4**	**8.37**	**0.072**	**0.024**	**0.163**	**0.57**	**0.014<A**	**0.408**
	GEOM MEAN					**11.0**	**8.36**	**0.055**	**0.009**	**0.039**	**0.52**	**0.003<A**	**0.303**
	MINIMUM					**4.0**	**8.00**	**0.028**	**0.001**	**0.004**	**0.35**	**0.001**	**0.120**
	STD DEV (GEOM *)					**7.9**	**0.52**	**0.065**	**0.038**	**0.272**	**0.28**	**0.023<A**	**0.312**
	# SAMPLES (IN STATISTICS)					**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	SSO4UR	ALKT	PH
81 04 19 0830		3	1	0.510	1.271	0.420	1.691	5	734	940	0.0	9	6.63
81 05 23 1445		3	1	0.120	0.196	0.386	0.582	5	981	1220	629.0	11	6.68
81 06 22 0815		3	1	0.750	0.739	0.636	1.375	23	842	1050	457.0	40	7.07
81 08 01		3	1	0.120	0.125	0.396	0.521	4.3	983	1200	546.0	69	7.23
81 09 04 1200		3	1	0.150	0.162	0.386	0.548	8.5	916	1138	431.0	60	7.22
81 10 04 1015		3	1	0.190	0.245	0.296	0.541			1150	555.0	29	7.32
81 10 30 1400		3	1	0.575	0.582	0.374	0.956	4.9	964	1120	588.0	29	7.16
81 12 05 1430		3	1	0.980	1.359	0.330	1.689	3.2	987	1280	680.0	28	7.34
	MAXIMUM			**0.980**	**1.359**	**0.636**	**1.691**	**23**	**987**	**1280**	**680.0**	**69**	**7.34**
	ARITH MEAN			**0.424**	**0.585**	**0.403**	**0.988**	**7**	**915**	**1137**	**555.1**	**34**	**7.08**
	GEOM MEAN			**0.311**	**0.405**	**0.394**	**0.873**	**6**	**911**	**1133**	**548.9**	**28**	**7.08**
	MINIMUM			**0.120**	**0.125**	**0.296**	**0.521**	**3.2**	**734**	**940**	**431.0**	**9**	**6.63**
	STD DEV (GEOM *)			**0.330**	**0.500**	**0.102**	**0.523**	**6**	**95**	**106**	**88.7**	**21**	**0.28**
	# SAMPLES (IN STATISTICS)			**8**	**8**	**8**	**8**	**7**	**7**	**8**	**7**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT
81 04 19 0830		3	1	0.91	0.008	0.170	0.095	0.003<	0.026	0.240	1.100
81 05 23 1445		3	1	0.87	0.006	0.065	0.036	0.010	0.018	0.214	0.520
81 06 22 0815		3	1	1.7	0.010	0.095	0.032	0.003<	0.015	0.100	0.4900
81 08 01		3	1	0.45	0.005	0.140	0.019	0.003<	0.009	0.042	0.3600
81 09 04 1200		3	1	0.49	0.005	0.650	0.007	0.003<	0.009	0.044	0.0040
81 10 04 1015		3	1	0.84	0.005	0.041	0.026	0.003<	0.016	0.052	0.9000
81 10 30 1400		3	1	0.99	0.001<	0.150	0.039	0.003<	0.041	0.072	1.7000
81 12 05 1430		3	1	0.64	0.004	0.040	0.023	0.003<	0.013	0.166	1.0000
	MAXIMUM			**1.7**	**0.010**	**0.650**	**0.095**	**0.010**	**0.041**	**0.240**	**1.7000**
	ARITH MEAN			**0.8**	**0.006**	**0.169**	**0.035**	**0.010**	**0.018**	**0.116**	**0.759**
	GEOM MEAN			**0.7**	**0.006**	**0.111**	**0.028**		**0.016**	**0.094**	**0.397**
	MINIMUM			**0.45**	**0.004**	**0.040**	**0.007**	**0.010**	**0.009**	**0.042**	**0.0040**
	STD DEV (GEOM *)			**0.3**	**0.002**	**0.201**	**0.026**		**0.011**	**0.080**	**0.526**
	# SAMPLES (IN STATISTICS)			**8**	**7**	**8**	**8**	**1**	**8**	**8**	**8**

B.O.W./ SITE: **LITTLE RIVER**
SAMPLE POINT: **AT RIVERSIDE DRIVE WINDSOR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **LITTLE RIVER**

STATION ID: **04-0001-001-02**
STORET CODE: **02 003 2750**

LAT: LONG: U.T.M: **17 0339950.0 4688950.0 4** REGION: **01** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT DEM. MG/L AS O
81 01 13 1430		.3	1	40504	4	18000	85000	10<	10I	4<	1.0	10.4	2.1
81 02 09 1434		.3	1	40521	4	5600	17000	328	40	4	4.5	7.5	
81 03 09 1348		.3	1	40536	6	10<	30	10<	10I	4<	7.5	8.6	4.6
81 04 13 1430		.3	1	40556	6	36200>	46000	600>	596	56	8.0	11.0	1.6
81 05 13 1045		.3	1	40577	6 9	100<	200	10<	10<	4<	14.0	7.2	2.4
81 06 09		.3	1	40596	6	9000I	99000	440	10<	4<	20.0	8.5	7.0
81 07 13 1332		.3	1	40616	6 9	1260000C	2800000	1500>	9600>	144	26.0	0.8	6.2
81 08 12 1329		.3	1	40636	6	53000	120000	580	216	48	24.4	6.8	2.0
81 09 09 1530		.3	1	40655	6	190000>	330000	920	170	76	21.2	5.0	2.2
81 10 14 1140		.3	1	40675	6	100000	540000	180	10<	4<	16.0	4.5	3.9
81 11 10 1135		.3	1	40695	6	70I	210	10<	10<	4<	11.2	5.8	2.6
81 12 01 1206		.3	1	40715	9	55000	130000	1500>	890	96	4.1	8.4	8.0
MAXIMUM						**1260000**	**2800000**	**920**	**890**	**144**	**26.0**	**11.0**	**8.0**
ARITH MEAN						**187584**	**347287**	**490**	**276**	**71**	**13.2**	**7.0**	**3.9**
GEOM MEAN						**19769**	**25166**	**425**	**96**	**47**	**9.8**	**6.1**	**3.3**
MINIMUM						**70**	**30**	**180**	**10**	**4**	**1.0**	**0.8**	**1.6**
STD DEV (GEOM *)						**17***	**35***	**2***	**6***	**4***	**8.4**	**2.8**	**2.3**
# SAMPLES (IN STATISTICS)						**8**	**12**	**5**	**7**	**6**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1430		.3	1	0.220	0.110	3.480	4.250	0.220	1.140	4.840	0.770	5.610	273.8
81 02 09 1434		.3	1	0.052	0.013	0.980	1.290	0.008	0.770	1.758	0.310	2.068	457.0
81 03 09 1348		.3	1	0.230	0.082	9.200	10.300	0.099	2.700	11.999	1.100	13.099	608.7
81 04 13 1430		.3	1	0.260	0.099	2.720	2.800	0.153	2.900	5.773	0.080	5.853	631.2
81 05 13 1045		.3	1	0.162	0.074	2.020	2.060	0.152	3.150	5.322	0.040	5.362	428.6
81 06 09		.3	1	0.325	0.097	2.200	3.750	0.102	3.200	5.502	1.550	7.052	311.4
81 07 13 1332		.3	1	0.530	0.250	1.350	3.450	0.540	2.300	4.190	2.100	6.290	552.2
81 08 12 1329		.3	1	0.132	0.059	0.355	0.920	0.062	1.760	2.177	0.565	2.742	241.3
81 09 09 1530		.3	1	0.210	0.075	0.425	1.300	0.036	2.300	2.761	0.875	3.636	345.2
81 10 14 1140		.3	1	0.610	0.440	5.000	6.300	0.190	7.500	12.690	1.300	13.990	483.0
81 11 10 1135		.3	1	0.455	0.350	5.350	6.600	0.260	5.600	11.210	1.250	12.460	539.8
81 12 01 1206		.3	1	0.480	0.290	3.700	5.050	0.230	2.100	6.030	1.350	7.380	595.3
MAXIMUM				**0.610**	**0.440**	**9.200**	**10.300**	**0.540**	**7.500**	**12.690**	**2.100**	**13.990**	**631.2**
ARITH MEAN				**0.305**	**0.162**	**3.065**	**4.006**	**0.171**	**2.952**	**6.188**	**0.941**	**7.128**	**455.6**
GEOM MEAN				**0.254**	**0.113**	**2.107**	**3.177**	**0.116**	**2.490**	**5.180**	**0.616**	**6.111**	**434.9**
MINIMUM				**0.052**	**0.013**	**0.355**	**0.920**	**0.008**	**0.770**	**1.758**	**0.040**	**2.068**	**241.3**
STD DEV (GEOM *)				**0.175**	**0.136**	**2.536**	**2.740**	**0.141**	**1.881**	**3.765**	**0.622**	**4.000**	**136.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	COD CHEM. OX DEMAND MG/L AS O	CRUT CHROMIUM UNF.TOT. MG/L AS CR
81 01 13 1430		.3	1	4.7	269.1	450.0	2.00	39.000	119.0	7.47	1.500		0.100<
81 02 09 1434		.3	1	4.4	452.6	850.0	2.40	158.000	130.0	7.75	0.089		
81 03 09 1348		.3	1	8.9	599.8	1060.0	3.50	135.000	200.0	7.63	1.150		0.100<
81 04 13 1430		.3	1	29.2	602.0	930.0	19.00	138.000	145.0	7.68	1.160		0.100<
81 05 13 1045		.3	1	19.5	409.1	660.0	17.00	67.000	143.0	7.73	0.096		0.100<
81 06 09		.3	1	30.0	281.4	471.0	26.00	57.500		7.30	1.3		0.019
81 07 13 1332		.3	1	23.4	528.8	850.0	16.00	99.000	132.0	8.69	0.73		0.42
81 08 12 1329		.3	1	21.5	250.900	386.0	17.00	40.500		7.74			0.100<
81 09 09 1530		.3	1	27.9	317.3	555.0	19.00	58.000	126.0	7.69	1.340	19	0.130
81 10 14 1140		.3	1	18.4	464.6	775.0	11.00	70.000		7.50	0.760		
81 11 10 1135		.3	1	5.1	534.7	870.0	2.80	73.000	183.0	7.67	0.290		0.018
81 12 01 1206		.3	1	10.2	585.1	925.0	4.40	79.000	196.0	7.60	0.300		0.015
MAXIMUM				**30.0**	**602.0**	**1060.0**	**26.00**	**158.000**	**200.0**	**8.69**	**1.500**	**19**	**0.42**
ARITH MEAN				**16.9**	**441.2**	**731.8**	**11.67**	**84.500**	**152.7**	**7.70**	**0.7**	**19**	**0.12**
GEOM MEAN				**13.7**	**420.9**	**697.7**	**8.25**	**76.710**	**149.9**	**7.70**	**0.5**		**0.04**
MINIMUM				**4.4**	**250.900**	**386.0**	**2.00**	**39.000**	**119.0**	**7.30**	**0.089**	**19**	**0.015**
STD DEV (GEOM *)				**9.9**	**133.6**	**220.9**	**8.35**	**39.476**	**31.6**	**0.34**	**0.5**		**0.17**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**9**	**12**	**11**	**1**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 13 1430		.3	1	0.012	0.006		0.030<	0.025<	
81 03 09 1348		.3	1	0.007	0.009		0.050	0.025<	
81 04 13 1430		.3	1	0.012	0.005<		0.040	0.025<	
81 05 13 1045		.3	1	0.011	0.005<		0.030<	0.025<	
81 06 09		.3	1	0.018	0.081		0.07	0.027	
81 07 13 1332		.3	1	0.009	0.01		0.024	0.024	
81 08 12 1329		.3	1	0.010	0.005<		0.010	0.025<	
81 09 09 1530		.3	1	0.020	0.010<		0.007	0.010<	
81 11 10 1135		.3	1	0.012	0.007		0.025	0.028	
81 12 01 1206		.3	1	0.012	0.009	0.0001<	0.027	0.200	0.004
MAXIMUM				**0.020**	**0.081**		**0.07**	**0.200**	**0.004**
ARITH MEAN				**0.012**	**0.02**		**0.03**	**0.070**	**0.004**
GEOM MEAN				**0.012**	**0.01**		**0.02**	**0.044**	
MINIMUM				**0.007**	**0.006**		**0.007**	**0.024**	**0.004**
STD DEV (GEOM *)				**0.004**	**0.03**		**0.02**	**0.087**	
# SAMPLES (IN STATISTICS)				**10**	**6**		**8**	**4**	**1**

B.O.W./ SITE: **PUCE RIVER**
SAMPLE POINT: **AT ESSEX COUNTY ROAD 42 SOUTH OF PUCE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **PUCE RIVER**

STATION ID: **04-0005-003-02**
STORET CODE: **02 003 2770**

LAT: LONG: U T M: **17 0352500.0 4681925.0 4** REGION: **01** DISTANCE: **3.380**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 03 09 1411		.3	1	40537	6	270	1740	80I	120	4	4.0	11.0	1.2
81 04 13 1500		.3	1	40557	6	18700>	47000	492	528	4<	11.5	9.8	3.4
81 05 13 1116		.3	1	40578	6	7900C	30000	590	470	4<	12.0	10.4	1.6
81 06 11 1045		.3	1	40597	6	3100	25000	410	390	4<	19.2	9.0	1.9
81 07 15 1103		.3	1	40617	6	13000	155000	1010	580	8	23.0	5.3	2.2
81 08 20 1107		.3	1	40643	6	2200C	40000	280	780	4<	21.2	5.9	1.0
81 09 10 1113		.3	1	40656	6	22000>	33900	510	460	16	18.2	7.5	1.2
81 10 14 1210		.3	1	40676	6	3700	15000	700	280	4<	13.2	10.4	2.0
81 11 10 1105		.3	1	40696	6	109000C	250000	1200	320	4<	4.5	12.0	6.0
81 12 01 1140		.3	1	40716	6	3500	15000	470	1060	4	3.0	13.3	1.0
	MAXIMUM					**109000**	**250000**	**1200**	**1060**	**16**	**23.0**	**13.3**	**6.0**
	ARITH MEAN					**17834**	**61264**	**574**	**499**	**8**	**13.0**	**9.5**	**2.1**
	GEOM MEAN					**4768**	**30623**	**471**	**433**	**7**	**10.5**	**9.1**	**1.8**
	MINIMUM					**270**	**1740**	**80**	**120**	**4**	**3.0**	**5.3**	**1.0**
	STD DEV (GEOM *)					**5***	**4***	**2***	**2***	**2***	**7.4**	**2.6**	**1.5**
	# SAMPLES (IN STATISTICS)					**8**	**10**	**10**	**10**	**4**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 03 09 1411		.3	1	0.129	0.088	0.365	1.010	0.054	10.500	10.919	0.645	11.564	610.0
81 04 13 1500		.3	1	0.214	0.141	0.645	1.900	0.075	5.670	6.390	1.255	7.645	868.4
81 05 13 1116		.3	1	0.118	0.046	0.085	1.340	0.068	12.800	12.953	1.255	14.208	552.8
81 06 11 1045		.3	1	0.186	0.124	0.410	1.860	0.370	9.700	10.480	1.450	11.930	669.6
81 07 15 1103		.3	1	0.330	0.245	0.310	1.740	0.505	4.940	5.755	1.430	7.185	519.6
81 08 20 1107		.3	1	0.063	0.012	0.020	0.880	0.004	0.030	0.054	0.860	0.914	605.4
81 09 10 1113		.3	1	0.218	0.154	0.035	1.340	0.075	2.100	2.210	1.305	3.515	613.9
81 10 14 1210		.3	1	0.192	0.143	0.050	1.040	0.116	2.980	3.146	0.990	4.136	597.9
81 11 10 1105		.3	1	0.245	0.018	0.245	2.100	0.062	1.330	1.637	1.855	3.492	529.4
81 12 01 1140		.3	1	0.112	0.076	0.080	0.920	0.029	3.070	3.179	0.840	4.019	699.0
	MAXIMUM			**0.330**	**0.245**	**0.645**	**2.100**	**0.505**	**12.800**	**12.953**	**1.855**	**14.208**	**868.4**
	ARITH MEAN			**0.181**	**0.105**	**0.224**	**1.413**	**0.136**	**5.312**	**5.672**	**1.188**	**6.861**	**626.6**
	GEOM MEAN			**0.164**	**0.076**	**0.133**	**1.347**	**0.071**	**2.784**	**3.182**	**1.138**	**5.374**	**619.9**
	MINIMUM			**0.063**	**0.012**	**0.020**	**0.880**	**0.004**	**0.030**	**0.054**	**0.645**	**0.914**	**519.6**
	STD DEV (GEOM *)			**0.078**	**0.071**	**0.207**	**0.454**	**0.165**	**4.308**	**4.430**	**0.359**	**4.421**	**102.0**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 03 09 1411		.3	1	31.2	578.8	820.0	19.00	58.500	7.95
81 04 13 1500		.3	1	34.2	834.2	1200.0	18.00	185.000	8.09
81 05 13 1116		.3	1	39.5	513.3	730.0	36.00	40.500	7.96
81 06 11 1045		.3	1	22.5	647.1	870.0	24.00	63.000	8.20
81 07 15 1103		.3	1	89.9	429.7	610.0	104.00	49.000	7.52
81 08 20 1107		.3	1	30.6	574.8	810.0	24.00	115.000	8.00
81 09 10 1113		.3	1	30.0	583.9	740.0	32.00	46.000	8.37
81 10 14 1210		.3	1	20.8	577.1	825.0	23.00	46.500	8.12
81 11 10 1105		.3	1	52.3	477.1	720.0	32.00	64.000	7.99
81 12 01 1140		.3	1	17.4	681.6	890.0	17.00	58.000	8.13
	MAXIMUM			**89.9**	**834.2**	**1200.0**	**104.00**	**185.000**	**8.37**
	ARITH MEAN			**36.8**	**589.8**	**821.5**	**32.90**	**72.550**	**8.03**
	GEOM MEAN			**32.9**	**580.4**	**809.5**	**27.99**	**64.444**	**8.03**
	MINIMUM			**17.4**	**429.7**	**610.0**	**17.00**	**40.500**	**7.52**
	STD DEV (GEOM *)			**21.2**	**113.6**	**156.5**	**25.80**	**44.704**	**0.22**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **BELLE RIVER**
SAMPLE POINT: **AT FIRST ROAD SOUTH OF HIGHWAY 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BELLE RIVER**

STATION ID: **04-0007-002-02**
STORET CODE: **02 003 2800**

LAT: LONG: U T M: **17 0358100.0 4676200.0 4** REGION: **01** DISTANCE: **9.978**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 13 1520		.3	1	40505	4 0	122000	110000	180	20I	4<	0.0	5.4	1.2
81 03 09 1428		.3	1	40538	6	11200	13200	310	30I	4<	5.0	15.0	0.5
81 04 13 1520		.3	1	40558	6	15700>	53000	1360	392	8	12.0	10.0	0.9
81 05 13 1138		.3	1	40579	6	62000	230000	710	370	4<	13.5	9.0	2.2
81 06 11 1100		.3	1	40598	6	70000C	233000	1500>	1500>	4<	19.0	8.5	2.9
81 07 15 1120		.3	1	40618	6	26000	140000	200I	400I	8	23.0	5.1	2.4
81 08 20 1130		.3	1	40644	6 9	48000	17000	600I	500I	8	21.8	5.5	1.4
81 09 10 1145		.3	1	40657	6	15000	41000	2200	300I	16	17.2	4.1	1.7
81 10 14 1233		.3	1	40677	6	31000	18000	9600	290	4<	11.8	9.4	3.7
81 11 10 1210		.3	1	40697	6	12200	4800	8700	30I	4<	7.0	10.0	1.2
81 12 01 1300		.3	1	40717	6	3300	5500	640	160	8	3.4	11.6	2.1
	MAXIMUM					**122000**	**233000**	**9600**	**500**	**16**	**23.0**	**15.0**	**3.7**
	ARITH MEAN					**40070**	**78682**	**2450**	**249**	**10**	**13.4**	**8.5**	**1.8**
	GEOM MEAN					**25951**	**37244**	**973**	**154**	**9**	**11.4**	**7.9**	**1.6**
	MINIMUM					**3300**	**4800**	**180**	**20**	**8**	**3.4**	**4.1**	**0.5**
	STD DEV (GEOM *)					**3***	**4***	**4***	**4***	**1***	**6.9**	**3.3**	**0.9**
	# SAMPLES (IN STATISTICS)					**10**	**11**	**10**	**10**	**5**	**10**	**11**	**11**

(CONTD)

B.O.W./ SITE: **BELLE RIVER**
SAMPLE POINT: **AT FIRST ROAD SOUTH OF HIGHWAY 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BELLE RIVER**

STATION ID: **04-0007-002-02**
STORET CODE: **02 003 2800**

LAT: LONG: U.T.M.: **17 0358100.0 4676200.0 4** REGION: **01** DISTANCE: **9.978**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1520		3	1	0.179	0.079	2.520	3.450	0.020	0.630	3.170	0.930	4.100	1048.3
81 03 09 1428		3	1	0.132	0.101	0.280	0.950	0.043	5.800	6.123	0.670	6.793	564.4
81 04 13 1520		3	1	0.254	0.193	0.410	1.400	0.073	1.240	1.723	0.990	2.713	700.7
81 05 13 1138		3	1	0.210	0.119	0.300	1.700	0.127	9.600	10.027	1.400	11.427	526.8
81 06 11 1100		3	1	0.322	0.225	1.080	3.000	1.240	8.200	10.520	1.920	12.440	587.4
81 07 15 1120		3	1	0.310	0.197	0.260	1.820	0.193	3.200	3.653	1.560	5.213	479.3
81 08 20 1130		3	1	0.170	0.088	0.065	1.050	0.007	0.010	0.082	0.985	1.067	568.6
81 09 10 1145		3	1	0.238	0.144	0.145	1.440	0.165	2.000	2.310	1.295	3.605	642.0
81 10 14 1233		3	1	0.210	0.052	0.015	1.320	0.021	1.560	1.596	1.305	2.901	630.6
81 11 10 1210		3	1	0.116	0.082	0.090	1.260	0.027	1.670	1.787	1.170	2.957	699.8
81 12 01 1300		3	1	0.138	0.089	0.230	1.140	0.037	1.550	1.817	0.910	2.727	681.4
	MAXIMUM			**0.322**	**0.225**	**2.520**	**3.450**	**1.240**	**9.600**	**10.520**	**1.920**	**12.440**	**1048.3**
	ARITH MEAN			**0.207**	**0.124**	**0.490**	**1.685**	**0.178**	**3.224**	**3.892**	**1.194**	**5.086**	**648.1**
	GEOM MEAN			**0.197**	**0.113**	**0.224**	**1.548**	**0.061**	**1.509**	**2.360**	**1.148**	**4.067**	**634.8**
	MINIMUM			**0.116**	**0.052**	**0.015**	**0.950**	**0.007**	**0.010**	**0.082**	**0.670**	**1.067**	**479.3**
	STD DEV (GEOM *)			**0.069**	**0.057**	**0.732**	**0.810**	**0.358**	**3.202**	**3.505**	**0.352**	**3.702**	**150.8**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 13 1520		3	1	93.0	955.3	1350.0	25.00	55.000	7.30
81 03 09 1428		3	1	6.5	557.9	830.0	5.80	45.000	7.87
81 04 13 1520		3	1	8.1	692.6	940.0	5.40	94.000	7.88
81 05 13 1138		3	1	34.0	492.8	730.0	40.00	30.500	7.81
81 06 11 1100		3	1	12.2	575.2	760.0	6.40	49.000	7.77
81 07 15 1120		3	1	24.6	454.7	585.0	46.00	46.500	7.67
81 08 20 1130		3	1	22.8	545.8	735.0	19.00	58.500	7.97
81 09 10 1145		3	1	28.3	613.7	800.0	18.00	57.500	8.02
81 10 14 1233		3	1	14.4	616.2	870.0	8.00	48.500	7.87
81 11 10 1210		3	1	6.4	693.4	920.0	4.80	52.000	7.93
81 12 01 1300		3	1	7.5	673.9	920.0	5.20	66.000	7.90
	MAXIMUM			**93.0**	**955.3**	**1350.0**	**46.00**	**94.000**	**8.02**
	ARITH MEAN			**23.4**	**624.7**	**858.2**	**16.69**	**54.773**	**7.82**
	GEOM MEAN			**16.3**	**613.0**	**840.6**	**11.82**	**52.886**	**7.81**
	MINIMUM			**6.4**	**454.7**	**585.0**	**4.80**	**30.500**	**7.30**
	STD DEV (GEOM *)			**25.0**	**134.4**	**194.0**	**14.76**	**15.873**	**0.20**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **RUSCOM RIVER**
SAMPLE POINT: **1 MILE EAST OF EXIT 6 ON HIGHWAY 401**
STATION TYPE: **RIVER FLOW GAUGE FED 02GH002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **RUSCOM RIVER**

STATION ID: **04-0010-002-02**
STORET CODE: **02 003 2830**

LAT: LONG: U.T.M.: **17 0366600.0 4676625.0 4** REGION: **01** DISTANCE: **9.978**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 01 13 1535		3	1	40506	4	0.034	15000	42000	480	300	4<	0.0	11.4
81 02 09 1548		3	1	40522	4	0.285	1300	4100	300	200	4<	0.5	10.0
81 03 09 1503		3	1	40539	6	0.540	450C	4000	220	30I	4<	4.0	12.2
81 04 13 1540		3	1	40559	6	1.390	13100C	31000	516	560	4<	10.5	11.6
81 05 12 1410		3	1	40576	6	4.630	8000I	25000	1100	240	8	10.6	11.0
81 06 11 1119		3	1	40599	6	0.366			1200	1200	8	19.6	8.8
81 07 15 1136		3	1	40619	6	0.058	16000	149000	1300	2000	24	22.5	4.8
81 08 20 1141		3	1	40645	6	0.036	2100	6600	90I	680	4<	20.8	7.2
81 09 10 1219		3	1	40658	6	0.077	12000	38000	2000	1000	20	17.8	7.2
81 10 14 1253		3	1	40678	6	0.144	15100>	19000	230	270	4<	12.0	11.0
81 11 10 1230		3	1	40698	6	0.201	10000I	10000	100<	80I	4<	4.8	
81 12 01 1320		3	1	40718	6	0.306	3700	5700	320	420	4<	3.0	13.4
	MAXIMUM					**4.630**	**16000**	**149000**	**2000**	**2000**	**24**	**22.5**	**13.4**
	ARITH MEAN					**0.672**	**8165**	**30400**	**705**	**582**	**15**	**11.5**	**9.9**
	GEOM MEAN					**0.226**	**5173**	**16302**	**488**	**352**	**13**	**7.8**	**9.5**
	MINIMUM					**0.034**	**450**	**4000**	**90**	**30**	**8**	**0.5**	**4.8**
	STD DEV (GEOM *)					**1.301**	**3***	**3***	**3***	**3***	**2***	**7.8**	**2.6**
	# SAMPLES (IN STATISTICS)					**12**	**10**	**11**	**11**	**12**	**4**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 13 1535		3	1	1.6	0.048	0.025	0.905	1.280	0.019	2.030	2.954	0.375	3.329
81 02 09 1548		3	1	0.8	0.980	0.090	0.710	1.510	0.031	1.730	2.471	0.800	3.271
81 03 09 1503		3	1	0.8	0.111	0.064	0.150	0.890	0.036	6.500	6.686	0.740	7.426
81 04 13 1540		3	1	0.9	0.110	0.043	0.180	1.280	0.041	5.200	5.421	1.100	6.521
81 05 12 1410		3	1	1.6	0.312	0.092	0.220	2.220	0.057	10.800	11.077	2.000	13.077
81 06 11 1119		3	1	1.2	0.288	0.115	0.090	1.540	0.182	9.300	9.572	1.450	11.022
81 07 15 1136		3	1	2.6	0.380	0.144	0.250	1.800	0.270	2.400	2.920	1.550	4.470
81 08 20 1141		3	1	1.2	0.098	0.024	0.050	0.850	0.024	0.270	0.344	0.800	1.144
81 09 10 1219		3	1	1.4	0.120	0.039	0.040	0.960	0.056	1.490	1.586	0.920	2.506
81 10 14 1253		3	1	1.5	0.080	0.044	0.005	0.740	0.028	4.670	4.703	0.735	5.438
81 11 10 1230		3	1	0.6	0.035	0.016	0.010	0.630	0.019	4.700	4.729	0.620	5.349
81 12 01 1320		3	1	1.2	0.046	0.022	0.030	0.640	0.026	4.620	4.676	0.610	5.286
	MAXIMUM			**2.6**	**0.980**	**0.144**	**0.905**	**2.220**	**0.270**	**10.800**	**11.077**	**2.000**	**13.077**
	ARITH MEAN			**1.3**	**0.217**	**0.060**	**0.220**	**1.195**	**0.066**	**4.476**	**4.762**	**0.975**	**5.737**
	GEOM MEAN			**1.2**	**0.133**	**0.048**	**0.089**	**1.105**	**0.043**	**3.203**	**3.594**	**0.883**	**4.800**
	MINIMUM			**0.6**	**0.035**	**0.016**	**0.005**	**0.630**	**0.019**	**0.270**	**0.344**	**0.375**	**1.144**
	STD DEV (GEOM *)			**0.5**	**0.266**	**0.041**	**0.289**	**0.500**	**0.078**	**3.197**	**3.143**	**0.469**	**3.447**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1535		3	1	685.9	19.4	666.5	950.0	1.40	52.000		7.52	
81 02 09 1548		3	1	524.6	13.6	511.0	800.0	10.00	81.000	183.0	7.56	
81 03 09 1503		3	1	517.5	23.5	494.0	750.0	16.00	37.000		7.95	
81 04 13 1540		3	1	648.8	30.5	618.3	830.0	23.00	64.500		7.93	
81 05 12 1410		3	1	544.3	68.4	475.9	565.0	105.00	29.500	115.0	7.69	0.960
81 06 11 1119		3	1	694.9	121.4	573.5	770.0	83.00	41.000		8.13	
81 07 15 1136		3	1	581.2	146.5	434.7	530.0	220.00	43.500		7.90	
81 08 20 1141		3	1	566.6	36.7	529.9	690.0	51.00	64.500		7.98	
81 09 10 1219		3	1	671.4	47.1	624.3	800.0	44.00	50.000		8.38	
81 10 14 1253		3	1	599.1	19.3	579.8	805.0	18.00	40.000		8.17	
81 11 10 1230		3	1	623.3	7.9	615.4	815.0	7.20	41.500		8.36	
81 12 01 1320		3	1	596.5	11.7	584.8	835.0	11.00	50.000		8.23	
MAXIMUM				**694.9**	**146.5**	**666.5**	**950.0**	**220.00**	**81.000**	**183.0**	**8.38**	**0.960**
ARITH MEAN				**604.5**	**45.5**	**559.0**	**761.7**	**49.13**	**49.542**	**149.0**	**7.98**	**0.960**
GEOM MEAN				**601.7**	**30.7**	**554.9**	**752.5**	**23.71**	**47.780**	**145.1**	**7.98**	
MINIMUM				**517.5**	**7.9**	**434.7**	**530.0**	**1.40**	**29.500**	**115.0**	**7.52**	**0.960**
STD DEV (GEOM *)				**61.2**	**44.9**	**69.8**	**117.1**	**62.72**	**14.358**	**48.1**	**0.29**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**2**	**12**	**1**

B.O.W. / SITE: **THAMES RIVER**
SAMPLE POINT: **AT BRIDGE COUNTY RD 34 PRAIRIE SIDING**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-007-82**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0391175.0 4689600.0 4** REGION: **01** DISTANCE: **14.484**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 08 1430		3	1	51600									
81 01 26 0845		3	1	44000	4	1020	770	440	40I	4	0.5	10.0	4.0
81 02 04 1130		3	1	51601									
81 02 13 1130		3	1	51602									
81 02 19 1040		3	1	51603									
81 02 20		3	1	51604				10<		10<			
81 02 21		3	1	51605									
81 02 22		3	1	51606									
81 02 23		3	1	51607									
1430		3	1	51608									
81 02 24 0925		3	1	44007	6	1000	7400	260	1000	4	2.0	8.0	1.6
0940		3	1	51609									
1530		3	1	51610									
81 02 25 0920		3	1	51611									
1600		3	1	51612									
81 02 26 0930		3	1	51613									
1500		3	1	51614									
81 02 27 0900		3	1	51615									
1640		3	1	51616									
81 02 28 0930		3	1	51617									
1555		3	1	51618									
81 03 01 1200		3	1	51619									
81 03 02 0900		3	1	51620									
81 03 03 0920		3	1	51621									
81 03 04 1500		3	1	51622									
81 03 05 1330		3	1	51623									
81 03 06 1420		3	1	51624									
81 03 07 1530		3	1	51625									
81 03 08 1200		3	1	51626									
81 03 09 0830		3	1	51627									
81 03 10 0900		3	1	51628									
81 03 11 0900		3	1	51629									
81 03 12 0830		3	1	51630									
81 03 13 0900		3	1	51631									
81 03 15 1500		3	1	51633									
81 03 16 0900		3	1	51634									
81 03 17 1630		3	1	51635									
81 03 18 1120		3	1	51636									
81 03 19 1630		3	1	51637									
81 03 23 0940		3	1	44019	6	710C	2900	10<	30I	4<	3.0	10.0	1.1
81 03 24 1630		3	1	51638									
81 04 01 1130		3	1	51639									
81 04 02 1600		3	1	51640									
81 04 03 1100		3	1	51641									
81 04 04 1500		3	1	51642									
81 04 05 1400		3	1	51643									
81 04 10 1000		3	1	51644									
81 04 16 1830		3	1	51645									
81 04 17 1300		3	1	51646									
81 04 23 1320		3	1	51647									
81 04 27 1030		3	1	44030	6	3400	14000	160	20I	4<	10.0	8.5	1.0
81 04 29 1500		3	1	51648									
81 05 01 1630		3	1	51649									
81 05 02 1640		3	1	51650									
81 05 04 1830		3	1	51651									
81 05 05 1630		3	1	51652									
81 05 14 1630		3	1	51653									
81 05 15 1700		3	1	51654									
81 05 16 1300		3	1	51655									
81 05 20 1650		3	1	51656									
81 05 25 0940		3	1	44043	6	500C	3760	20I	8	4<	19.0	8.5	1.7
81 05 27 1700		3	1	51657									
81 06 04 1900		3	1	51658									
81 06 11 1920		3	1	51659									
81 06 17 1030		3	1	51660									
81 06 22 1115		3	1	44055	6	790000C	2450000	240	152	4<	23.0	7.0	1.5
81 06 23 1330		3	1	51661									
81 07 03 1300		3	1	51662									
81 07 10 1130		3	1	51663									
81 07 16		3	1	51664									
81 07 25 0836		3	1	51665									
81 07 27 0945		3	1	44067	6	1000	10000	10<	10<	4<	24.0	7.0	2.0

(CONTD)

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT BRIDGE COUNTY RD 34 PRAIRIE SIDING**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-007-82**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0391175.0 4689600.0 4** REGION: **01** DISTANCE: **14.484**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 07 31 1730		.3	1	51666									
81 08 03 1330		.3	1	51671									
81 08 06 1750		.3	1	51667									
81 08 14 1530		.3	1	51668									
81 08 20 1600		.3	1	51669									
81 08 27 1000		.3	1	51670									
81 09 10 1030		.3	1	51672									
81 09 11 1000		.3	1	51673									
81 09 23 1130		.3	1	51674									
81 09 25		.3	1	51675									
81 09 28 0945		.3	1	44090	6	1400	23000	120	68	4<	14.0	8.0	1.9
81 09 30		.3	1	51676									
81 10 01 1530		.3	1	51677									
81 10 02 1030		.3	1	51678									
81 10 03 1800		.3	1	51679									
81 10 04 1200		.3	1	51680									
81 10 05 1120		.3	1	51681									
81 10 06 1700		.3	1	51682									
81 10 07 1830		.3	1	51683									
81 10 08 1030		.3	1	51684									
81 10 09 1120		.3	1	51685									
81 10 10 1430		.3	1	51686									
81 10 11 1100		.3	1	51687									
81 10 15 1030		.3	1	51688									
81 10 20 1730		.3	1	51689									
81 10 21 1300		.3	1	51690									
81 10 22 0900		.3	1	51691									
81 10 24 1100		.3	1	51693									
81 10 25 1200		.3	1	51694									
81 10 26		.3	1	51695									
0955		.3	1	44101	6	5000C	30000	280	404	4	8.0	8.0	4.2
81 10 27 1030		.3	1	51696									
81 10 28 1000		.3	1	51697									
81 10 29 1730		.3	1	51698									
81 10 30 1000		.3	1	51699									
81 10 31 1030		.3	1	51700									
81 11 01 1230		.3	1	51701									
81 11 02 1730		.3	1	51702									
81 11 03 1230		.3	1	51703									
81 11 04 1700		.3	1	51704									
81 11 05 1600		.3	1	51705									
81 11 06 1700		.3	1	51706									
81 11 20 1130		.3	1	51708									
81 11 23 1030		.3	1	51709									
1050		.3	1	44112	6	3900	116000	520	1250	4	2.0	6.5	2.5
81 11 28 1430		.3	1	51710									
81 12 01 1400		.3	1	51711									
81 12 05 1500		.3	1	51712									
81 12 07 1115		.3	1	41027									
1300		.3	1	51713									
81 12 15 1115		.3	1	41027	6			280	90I		1.5	12.6	
81 12 17 1130		.3	1	51714									
MAXIMUM						**790000**	**2450000**	**520**	**1250**	**4**	**24.0**	**12.6**	**4.2**
ARITH MEAN						**80793**	**285783**	**258**	**306**	**4**	**9.7**	**8.6**	**2.1**
GEOM MEAN						**2770**	**16718**	**196**	**99**	**4**	**5.4**	**8.4**	**1.9**
MINIMUM						**500**	**770**	**20**	**8**	**4**	**0.5**	**6.5**	**1.0**
STD DEV (GEOM *)						**8***	**9***	**3***	**5***	**0***	**9.0**	**1.7**	**1.1**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**10**	**4**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 08 1430		.3	1	0.149	0.035				9.100				
81 01 26 0845		.3	1	0.099	0.021		1.270	0.220	9.800				11.290
81 02 04 1130		.3	1	0.118	0.067				4.900				
81 02 13 1130		.3	1	0.145	0.089				4.490				
81 02 19 1040		.3	1	0.380	0.120				3.320				
81 02 20		.3	1	0.494	0.105				3.500				
81 02 22		.3	1	1.110	0.053				5.890				
1430		.3	1	0.615	0.120				6.170				
81 02 24 0925		.3	1	0.475	0.109	0.340	2.050	0.052	5.800		6.192	1.710	7.902
0940		.3	1	0.598	0.095				6.190				
1530		.3	1	0.514	0.210				6.390				
81 02 25 0920		.3	1	0.485	0.085				6.190				
1600		.3	1	0.525	0.088				6.190				
81 02 26 0930		.3	1	0.425	0.086				6.400				
1500		.3	1	0.405	0.087				7.650				
81 02 27 0900		.3	1	0.328	0.094				6.080				
1640		.3	1	0.298	0.094				6.630				
81 02 28 0930		.3	1	0.248	0.088				7.420				
1555		.3	1	0.255	0.085				7.420				
81 03 01 1200		.3	1	0.225	0.082				7.670				
81 03 02 0900		.3	1	0.220	0.074				7.670				
81 03 03 0920		.3	1	0.205	0.073				0.794				
81 03 04 1500		.3	1	0.152	0.070				7.450				
81 03 05 1330		.3	1	0.140	0.069				8.000				
81 03 06 1420		.3	1	0.127	0.063				8.150				
81 03 07 1530		.3	1	0.095	0.054				7.700				
81 03 08 1200		.3	1	0.093	0.053				4.550				
81 03 09 0830		.3	1	0.088	0.051				6.450				
81 03 10 0900		.3	1	0.118	0.078				5.950				
81 03 11 0900		.3	1	0.081	0.055				6.960				
81 03 12 0830		.3	1	0.125	0.045				6.690				
81 03 13 0900		.3	1	0.082	0.051				7.690				
81 03 15 1500		.3	1	0.155	0.051				6.690				
81 03 16 0900		.3	1	0.090	0.046				6.690				

(CONTD)

	TEST-NAME:		PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI
81 03 17 1630	.3	1	0.076	0.039				6.430				
81 03 18 1120	.3	1	0.065	0.036				6.690				
81 03 19 1630	.3	1	0.063	0.035				6.960				
81 03 23 0940	.3	1	0.059	0.033	0.140	0.650	0.045	6.200		6.385	0.510	6.895
81 03 24 1630	.3	1	0.141	0.061				6.460				
81 04 01 1130	.3	1	0.093	0.014				7.710				
81 04 02 1600	.3	1	0.087	0.027				6.160				
81 04 03 1100	.3	1	0.085	0.019				6.090				
81 04 04 1500	.3	1	0.085	0.026				6.860				
81 04 05 1400	.3	1	0.067	0.019				7.500				
81 04 10 1000	.3	1	0.064	0.016				1.350				
81 04 16 1830	.3	1	0.306	0.043				7.050				
81 04 17 1300	.3	1	0.148	0.049				7.300				
81 04 23 1320	.3	1	0.128	0.037				6.000				
81 04 27 1030	.3	1	0.182	0.095	0.060	1.080	0.038	5.210		5.308	1.020	6.328
81 04 29 1500	.3	1	0.111	0.018				4.900				
81 05 01 1630	.3	1	0.124	0.032				6.650				
81 05 02 1640	.3	1	0.130	0.036				6.650				
81 05 04 1830	.3	1	0.083	0.016				6.700				
81 05 05 1630	.3	1	0.069	0.019			0.040	6.46	6.50			
81 05 14 1630	.3	1	0.158	0.043			0.077	5.42	5.50			
81 05 15 1700	.3	1	0.108	0.036			0.046	5.70	5.75			
81 05 16 1300	.3	1	0.121	0.043			0.061	5.43	5.50			
81 05 20 1650	.3	1	0.095	0.030			0.085	5.41	5.50			
81 05 25 0940	.3	1	0.081	0.012	0.110	0.960	0.044	5.200		5.354	0.850	6.204
81 05 27 1700	.3	1	0.105	0.034			0.080	5.92	6.00			
81 06 04 1900	.3	1	0.099	0.034			0.000	0.000	4.850			
81 06 11 1920	.3	1	0.124	0.062			0.081	4.920	5.000			
81 06 17 1030	.3	1	0.202	0.085			0.011	6.99	7.00			
81 06 22 1115	.3	1	0.117	0.021	0.105	1.080	0.137	6.300		6.542	0.975	7.517
81 06 23 1330	.3	1	0.250	0.110			0.010	0.001	0.001			
81 07 03 1300	.3	1	0.115	0.035			0.022	0.778	0.000			
81 07 10 1130	.3	1	0.078	0.028			0.012	4.090	4.100			
81 07 16	.3	1	0.148	0.026			0.066	2.180	2.250			
81 07 25 0836	.3	1	0.095	0.039			0.028	0.355	3.850			
81 07 27 0945	.3	1	0.076	0.006	0.155	1.160	0.110	2.700		2.965	1.005	3.970
81 07 31 1730	.3	1	0.185	0.076			0.003	3.450	3.450			
81 08 03 1330	.3	1	0.128	0.038			0.001<T	1.250	1.250			
81 08 06 1750	.3	1	0.080	0.029			0.001	2.100	2.100			
81 08 14 1530	.3	1	0.160	0.057			0.003	3.550	3.550			
81 08 20 1600	.3	1	0.108	0.029			0.051	1.950	2.000			
81 08 27 1000	.3	1	0.080	0.001<T			0.001<T	0.005	0.005			
81 09 10 1030	.3	1	0.230	0.105			0.077	6.17	6.25			
81 09 11 1000	.3	1	0.200	0.087			0.016	5.500	5.500			
81 09 23 1130	.3	1	0.172	0.075			0.020	4.980	5.00			
81 09 25	.3	1	0.192	0.056			0.002	4.450	4.450			
81 09 28 0945	.3	1	0.134	0.057	0.060	1.060	0.042	3.700		3.802	1.000	4.802
81 09 30	.3	1	0.155	0.054			0.024	5.730	5.750			
81 10 01 1530	.3	1	0.230	0.076			0.039	4.960	5.000			
81 10 02 1030	.3	1	0.642	0.135			0.030	5.720	5.750			
81 10 03 1800	.3	1	0.425	0.150			0.054	7.440	7.500			
81 10 04 1200	.3	1	0.748	0.115			0.016	6.980	7.000			
81 10 05 1120	.3	1	1.080	0.145			0.005	7.250	7.250			
81 10 06 1700	.3	1	0.198	0.068			0.016	7.220	7.250			
81 10 07 1830	.3	1	0.178	0.061			0.019	7.230	7.250			
81 10 08 1030	.3	1	0.188	0.059			0.038	6.960	7.000			
81 10 09 1120	.3	1		0.225			0.060	7.190	7.250			
81 10 10 1430	.3	1	0.525	0.096			0.027	7.590	7.620			
81 10 11 1100	.3	1	0.198	0.090			0.001<T	7.650	7.650			
81 10 20 1730	.3	1	0.208	0.086			0.042	7.700	7.750			
81 10 21 1300	.3	1	0.186	0.086			0.080	6.120	6.200			
81 10 22 0900	.3	1	0.175	0.064			0.032	6.120	6.150			
81 10 24 1100	.3	1	0.248	0.068			0.049	6.950	7.000			
81 10 25 1200	.3	1	0.390	0.078			0.042	6.960	7.000			
81 10 26	.3	1	0.312	0.067			0.066	7.930	8.000			
0955	.3	1	0.118	0.056	0.035	1.200	0.037	7.700		7.772	1.165	8.937
81 10 27 1030	.3	1	0.162	0.056			0.060	7.940	8.000			
81 10 28 1000	.3	1	0.318	0.094			0.013	7.740	7.750			
81 10 29 1730	.3	1	0.195	0.084			0.009	8.490	8.500			
81 10 30 1000	.3	1	0.235	0.077			0.013	7.740	7.750			
81 10 31 1030	.3	1	0.165	0.058			0.016	7.980	8.000			
81 11 01 1230	.3	1	0.138	0.055			0.027	7.720	7.750			
81 11 02 1730	.3	1	0.130	0.052			0.069	6.930	7.000			
81 11 03 1230	.3	1	0.122	0.060			0.021	7.730	7.750			
81 11 04 1700	.3	1	0.130	0.061			0.034	7.720	7.750			
81 11 05 1600	.3	1	0.140	0.067			0.001	7.750	7.750			
81 11 06 1700	.3	1	0.162	0.082			0.012	7.490	7.500			
81 11 20 1130	.3	1	0.097	0.014			0.044	5.960	6.000			
81 11 23 1030	.3	1	0.108	0.030			0.059	5.690	5.750			
1050	.3	1	0.116	0.025	0.010	0.900	0.017	5.630		5.657	0.890	6.547
81 11 28 1430	.3	1	0.102	0.031			0.082	6.670	6.750			
81 12 01 1400	.3	1	0.425	0.064			0.079	1.850	1.920			
81 12 05 1500	.3	1	0.178	0.065			0.080	6.670	6.750			
1300	.3	1	0.312	0.230			0.057	5.190	5.250			
81 12 15 1115	.3	1	0.062	0.033		0.730	0.024	6.900				7.654
81 12 17 1130	.3	1	0.055	0.029			0.029	6.970	7.000			
MAXIMUM			**1.110**	**0.230**	**0.340**	**2.050**	**0.220**	**9.800**	**8.500**	**7.772**	**1.710**	**11.290**
ARITH MEAN			**0.210**	**0.063<A**	**0.113**	**1.104**	**0.041<A**	**5.97**	**5.84**	**5.563**	**1.014**	**7.095**
GEOM MEAN			**0.164**	**0.052<A**	**0.078**	**1.057**	**0.025<A**	**4.88**	**4.34**	**5.359**	**0.971**	**6.847**
MINIMUM			**0.055**	**0.001**	**0.010**	**0.650**	**0.001**	**0.001**	**0.001**	**2.965**	**0.510**	**3.970**
STD DEV (GEOM *)			**0.183**	**0.040<A**	**0.098**	**0.367**	**0.036<A**	**1.97**	**2.07**	**1.462**	**0.317**	**1.972**
# SAMPLES (IN STATISTICS)			**119**	**120**	**9**	**11**	**70**	**119**	**59**	**9**	**9**	**11**

	TEST-NAME:		RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FEUT	ASUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
81 01 08 1430		.3	1		6.0		780.0						
81 01 26 0845		.3	1	631.2	29.5	601.7	870.0	12.00	67.000		7.81		
81 02 04 1130		.3	1		11.0		760.0						
81 02 13 1130		.3	1		29.0		680.0						
81 02 19 1040		.3	1		159.0		380.0						
81 02 20		.3	1		235.0		405.0						
81 02 22		.3	1		1023.0		410.0						
81 02 23		.3	1		406.0								
1430		.3	1		437.0		365.0						
81 02 24 0925		.3	1	570.4	312.9	240.000	370.0	210.00	16.500		7.74		
0940		.3	1		554.0		370.0						
1530		.3	1		377.0		370.0						
81 02 25 0920		.3	1		323.0		380.0						
1600		.3	1		321.0		385.0						
81 02 26 0930		.3	1		335.0		370.0						
1500		.3	1		326.0		370.0						

(CONTD)

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT BRIDGE COUNTY RD 34 PRAIRIE SIDING**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-007-82**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0391175.0 4689600.0 4** REGION: **01** DISTANCE: **14.484**

SAMP DTE YR MO DY HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 02 27 0900			.3	1		262.0		380.0						
1640			.3	1		210.0		385.0						
81 02 28 0930			.3	1		131.0		430.0						
1555			.3	1		134.0		430.0						
81 03 01 1200			.3	1		107.0		475.0						
81 03 02 0900			.3	1		108.0		495.0						
81 03 03 0920			.3	1		110.0		520.0						
81 03 04 1500			.3	1		57.0		540.0						
81 03 05 1330			.3	1		37.0		540.0						
81 03 06 1420			.3	1		30.0		560.0						
81 03 07 1530			.3	1		33.0		600.0						
81 03 08 1200			.3	1		13.0		600.0						
81 03 09 0830			.3	1		5.0		600.0						
81 03 10 0900			.3	1		14.0		620.0						
81 03 11 0900			.3	1		9.0		620.0						
81 03 12 0830			.3	1		36.0		640.0						
81 03 13 0900			.3	1		15.0		640.0						
81 03 15 1500			.3	1		32.0		640.0						
81 03 16 0900			.3	1		19.0		640.0						
81 03 17 1630			.3	1		115.0		640.0						
81 03 18 1120			.3	1		13.0		640.0						
81 03 19 1630			.3	1		10.0		640.0						
81 03 23 0940			.3	1	433.2	8.4	424.8	650.0	7.00	30.500		8.08		
81 03 24 1630			.3	1		11.0		660.0						
81 04 01 1130			.3	1		57.0		620.0						
81 04 02 1600			.3	1		39.0		600.0						
81 04 03 1100			.3	1		37.0		600.0						
81 04 04 1500			.3	1		48.0		600.0						
81 04 05 1400			.3	1		38.0		600.0						
81 04 10 1000			.3	1		47.0		600.0						
81 04 16 1830			.3	1		95.0		580.0						
81 04 17 1300			.3	1		80.0		580.0						
81 04 23 1320			.3	1		480.0		600.0						
81 04 27 1030			.3	1	417.0	51.3	365.7	575.0	42.00	28.500		8.08		
81 04 29 1500			.3	1		54.0		600.0						
81 05 01 1630			.3	1		66.0		580.0						
81 05 02 1640			.3	1		61.0		580.0						
81 05 04 1830			.3	1		41.0		600.0						
81 05 05 1630			.3	1		39								
81 05 14 1630			.3	1		50								
81 05 15 1700			.3	1		45								
81 05 16 1300			.3	1		44								
81 05 20 1650			.3	1		46								
81 05 25 0940			.3	1	420.8	27.7	393.1	615.0	25.00	32.000		8.11		
81 05 27 1700			.3	1		24								
81 06 04 1900			.3	1		27								
81 06 11 1920			.3	1		26								
81 06 17 1030			.3	1		66								
81 06 22 1115			.3	1	428.3	33.1	395.2	645.0	28.00	37.000		7.91		
81 06 23 1330			.3	1		203								
81 07 03 1300			.3	1		34								
81 07 10 1130			.3	1		16								
81 07 16			.3	1		31								
81 07 25 0836			.3	1		23.0								
81 07 27 0945			.3	1	384.5	18.9	365.6	496.0	17.00	37.000		7.84		
81 07 31 1730			.3	1		36.9								
81 08 03 1330			.3	1		65.9								
81 08 06 1750			.3	1		18.0								
81 08 14 1530			.3	1		42.0								
81 08 20 1600			.3	1		37.6								
81 08 27 1000			.3	1		11.0								
81 09 10 1030			.3	1		88.9								
81 09 11 1000			.3	1		71.2								
81 09 23 1130			.3	1		56.4								
81 09 25			.3	1		60.5								
81 09 28 0945			.3	1	417.8	44.3	373.5	575.0	36.00	34.000		8.09		
81 09 30			.3	1		44.2								
81 10 01 1530			.3	1		77.3								
81 10 02 1030			.3	1		261.0								
81 10 03 1800			.3	1		228.0								
81 10 04 1200			.3	1		259.0								
81 10 05 1120			.3	1		248.0								
81 10 06 1700			.3	1		17.0								
81 10 07 1830			.3	1		65.0								
81 10 08 1030			.3	1		56.0								
81 10 09 1120			.3	1		65.0								
81 10 10 1430			.3	1		280.0								
81 10 11 1100			.3	1		39.0								
81 10 20 1730			.3	1		108.0								
81 10 21 1300			.3	1		33.0								
81 10 22 0900			.3	1		47.0								
81 10 24 1100			.3	1		134.0								
81 10 25 1200			.3	1		232.0								
81 10 26			.3	1		209.0								
0955			.3	1	497.2	89.8	407.4	640.0	70.00	25.000		8.07		
81 10 27 1030			.3	1		77.0								
81 10 28 1000			.3	1		141.0								
81 10 29 1730			.3	1		67.5								
81 10 30 1000			.3	1		95.7								
81 10 31 1030			.3	1		72.2								
81 11 01 1230			.3	1		74.2								
81 11 02 1730			.3	1		49.7								
81 11 03 1230			.3	1		35.4								
81 11 04 1700			.3	1		37.3								
81 11 05 1600			.3	1		44.0								
81 11 06 1700			.3	1		48.5								
81 11 20 1130			.3	1		19.4								
81 11 23 1030			.3	1		21.6								
1050			.3	1	449.2	16.0	413.2	670.0	32.00	36.000		8.07		
81 11 28 1430			.3	1		22.4								
81 12 01 1400			.3	1		44.3								
81 12 05 1500			.3	1		75.0								

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FEUT	ASUT
81 12 07 1115		3	1									0 380	0 001<
1300		3	1		45 6								
81 12 15 1115		3	1		7 30	424 30				260 0	8 26		
81 12 17 1130		3	1		32 2								
MAXIMUM				631.2	1023.0	601.7	870.0	210.00	67.000	260.0	8.26	0.380	
ARITH MEAN				465.0	102	400.4	556.0	47.90	34.350	260.0	8.01	0.380	
GEOM MEAN				459.6	56	392.4	543.1	30.56	32.434		8.00		
MINIMUM				384.5	5.0	240.000	365.0	7.00	16.500	260.0	7.74	0.380	
STD DEV (GEOM *)				78.4	139	84.1	117.1	59.66	13.096		0.16		
# SAMPLES (IN STATISTICS)				10	121	11	59	10	10	1	11	1	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
81 01 08 1430		3	1	0 040<		0 007	0 003<	0 0002<			20<W
81 02 04 1130		3	1			0 006	0 005	0 0002<			
81 02 13 1130		3	1			0 005	0 003<	0 0003			
81 02 19 1040		3	1			0 025	0 006	0 0002<			
81 02 20		3	1			0 015	0 010	0 0002<			20<W
81 02 21		3	1	0 050<		0 036	0 020	0 0005			
81 02 22		3	1	0 050		0 028	0 020	0 0002<			
81 02 23		3	1	0 060		0 023	0 010	0 0002<			
1430		3	1	0 050<		0 019	0 010	0 0004			
0940		3	1	0 100		0 012	0 004	0 0003			
1530		3	1	0 060<		0 015	0 006	0 0002<			
81 02 25 0920		3	1	0 060<		0 015	0 008	0 0002<			
1600		3	1	0 070		0 014	0 007	0 0003			
81 02 26 0930		3	1	0 040<		0 022	0 008	0 0004			
1500		3	1	0 050		0 012	0 007	0 0002<			
81 02 27 0900		3	1	0 050		0 005	0 003<	0 0002<			
1640		3	1	0 050<		0 005	0 003<	0 0002<			
81 02 28 0930		3	1	0 050<		0 009	0 004	0 0003			
1555		3	1	0 050<		0 009	0 004	0 0002<			
81 03 01 1200		3	1	0 050<		0 014	0 004	0 0004			
81 03 02 0900		3	1	0 050<		0 006	0 006	0 0002<			
81 03 03 0920		3	1	0 050<		0 006	0 006	0 0002<			
81 03 04 1500		3	1	0 050<		0 009	0 004	0 0002<			
81 03 05 1330		3	1	0 040<		0 001<	0 003<	0 0002<			
81 03 06 1420		3	1	0 050		0 001	0 003<	0 0002<			
81 03 07 1530		3	1	0 040<		0 011	0 003<	0 0002<			
81 03 08 1200		3	1	0 040<		0 043	0 035	0 003			
81 03 09 0830		3	1	0 040<		0 006	0 003<	0 0002<			
81 03 10 0900		3	1	0 040<		0 004	0 003<	0 0002<			
81 03 11 0900		3	1	0 040<		0 005	0 003<	0 0002<			
81 03 12 0830		3	1	0 040<		0 004	0 003<	0 0002<			
81 03 13 0900		3	1	0 040<		0 003	0 003<	0 0002<			
81 03 15 1500		3	1	0 040<		0 003	0 003<	0 0002<			
81 03 16 0900		3	1	0 040<		0 006	0 003<	0 0002<			
81 03 17 1630		3	1	0 040<		0 006	0 003<	0 0003			
81 03 18 1120		3	1	0 040<		0 005	0 003<	0 0002<			
81 03 19 1630		3	1	0 040<		0 004	0 003<	0 0002<			
81 03 24 1630		3	1	0 030<		0 009	0 003<	0 0002<			
81 04 01 1130		3	1			0 007	0 003<	0 0002<			
81 04 02 1600		3	1	0 040<		0 004	0 003<	0 0002<			
81 04 03 1100		3	1	0 040<		0 005	0 003<	0 0002<			
81 04 04 1500		3	1	0 040<		0 005	0 003<	0 0002<			
81 04 05 1400		3	1	0 040<		0 006	0 003<	0 0002<			
81 04 10 1000		3	1	0 040<		0 004	0 003<	0 0002<			
81 04 16 1830		3	1	0 040<		0 006	0 003<	0 0002<			
81 04 17 1300		3	1	0 040<		0 005	0 003<	0 0002<			
81 04 23 1320		3	1	0 050<		0 003	0 003<	0 0002<			
81 04 29 1500		3	1	0 030<		0 004	0 003<	0 0002<			
81 05 04 1830		3	1	0 060<		0 005	0 066	0 0002<			
81 05 05 1630		3	1	0 04 <		0 003	0 003<	0 0002<			
81 05 14 1630		3	1			0 009	0 003<	0 0002<			
81 05 15 1700		3	1			0 006	0 003<	0 0002<			
81 05 16 1300		3	1	0 06 <		0 005	0 003<	0 0002<			
81 05 20 1650		3	1	0 08 <		0 003	0 005	0 0002<			
81 05 27 1700		3	1	0 08 <		0 003	0 010	0 0002<			
81 06 04 1900		3	1	0 08 <		0 005	0 003<	0 0002<			
81 06 11 1920		3	1			0 005	0 003<	0 0001			
81 06 17 1030		3	1	0 05 <		0 008	0 003<	0 0002<			
81 06 23 1330		3	1	0 07 <		0 006	0 003<	0 0006			
81 07 03 1300		3	1			0 006	0 008	0 0002<			
81 07 10 1130		3	1			0 007	0 006	0 0007			
81 07 16		3	1			0 004	0 003<	0 0004			
81 07 25 0836		3	1	0 05 <		0 008	0 009	0 0006			
81 07 31 1730		3	1	0 07 <		0 005	0 010	0 0001<			
81 08 03 1330		3	1	0 03 <		0 009	0 003<	0 0017			
81 08 06 1750		3	1	0 05 <		0 008	0 005	0 0001			
81 08 14 1530		3	1	0 06 <		0 011	0 003<	0 0001<			
81 08 20 1600		3	1	0 06 <		0 012	0 003<	0 0001<			
81 08 27 1000		3	1	0 06 <		0 004	0 003<	0 0002<			
81 09 10 1030		3	1	0 03 <		0 010	0 003<	0 0001<			
81 09 11 1000		3	1	0 04 <		0 013	0 003<	0 0001<			
81 09 23 1130		3	1	0 04 <		0 011	0 005	0 0002			
81 09 25		3	1	0 04 <		0 002	0 006	0 0002			
81 09 30		3	1	0 06 <		0 010	0 006<	0 0001			
81 10 01 1530		3	1	0 06 <		0 013	0 004	0 0001<			
81 10 02 1030		3	1			0 022	0 003<	0 0007			
81 10 03 1800		3	1	0 08 U		0 016	0 010	0 0001<			
81 10 04 1200		3	1	0 07 U		0 017	0 006	0 0001<			
81 10 05 1120		3	1	0 06 U		0 019	0 048	0 0001<			
81 10 06 1700		3	1	0 07 <		0 006	0 003	0 0002<			
81 10 07 1830		3	1	0 07 <		0 007	0 003<	0 0002<			
81 10 08 1030		3	1	0 07 <		0 006	0 003<	0 0002<			
81 10 09 1120		3	1	0 06 <		0 007	0 003<	0 0002<			
81 10 10 1430		3	1	0 01 <W		0 009	0 003	0 0002<			
81 10 11 1100		3	1	0 03 <		0 007	0 003<	0 0002<			
81 10 15 1030		3	1	0 04 <		0 006	0 003<	0 0002			
81 10 20 1730		3	1	0 04 <		0 007	0 003<	0 0001			
81 10 21 1300		3	1	0 07 <		0 015	0 014	0 0004			
81 10 22 0900		3	1	0 04 <		0 013	0 008	0 0002			
81 10 24 1100		3	1	0 08 <		0 017	0 003<	0 0001<			
81 10 25 1200		3	1	0 08 <		0 012	0 003<	0 0004			
81 10 26		3	1	0 08 <		0 006	0 003<	0 0002<			
81 10 27 1030		3	1	0 08 <		0 011	0 003<	0 0002<			
81 10 28 1000		3	1	0 03 <		0 019	0 003<	0 0004			
81 10 29 1730		3	1	0 08 <							
81 10 30 1000		3	1	0 08 <		0 015	0 003<	0 0001<			
81 10 31 1030		3	1	0 08 <		0 014	0 003<	0 0001<			
81 11 01 1230		3	1	0 04 <		0 011	0 003<	0 0001<			

(CONTD)

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT BRIDGE COUNTY RD 34 PRAIRIE SIDING**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-007-82**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0391175.0 4689600.0 4** REGION: **01** DISTANCE: **14.484**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
81 11 02 1730		.3	1	0.04 <		0.006	0.003<	0.0001<			
81 11 03 1230		.3	1	0.03 <		0.020	0.007	0.0005			
81 11 04 1700		.3	1	0.03 <		0.010	0.003<	0.0012			
81 11 05 1600		.3	1	0.03 <		0.010	0.003<	0.0004			
81 11 06 1700		.3	1	0.05 <		0.014	0.003<	0.0002			
81 11 20 1130		.3	1	0.06 <		0.013	0.008	0.0006			
81 11 23 1030		.3	1	0.06 <		0.012	0.003<	0.0002			
81 11 28 1430		.3	1	0.05 <		0.012	0.003<	0.0001<			
81 12 01 1400		.3	1	0.02 <		0.005	0.003<	0.0002<			
81 12 05 1500		.3	1	0.03 <		0.012	0.003<	0.0001<			
81 12 07 1115		.3	1	0.03 <	0.005	0.011	0.003<	0.0005	0.012	0.007	20<W
1300		.3	1	0.03 <		0.017	0.014	0.0001<			
81 12 17 1130		.3	1	0.02 <		0.012	0.008	0.0002			
MAXIMUM				**0.100**	**0.005**	**0.043**	**0.066**	**0.003**	**0.012**	**0.007**	
ARITH MEAN				**0.05 <A**	**0.005**	**0.010**	**0.011**	**0.000**	**0.012**	**0.007**	
GEOM MEAN				**0.05 <A**		**0.008**	**0.008**	**0.000**			
MINIMUM				**0.01**	**0.005**	**0.001**	**0.003**	**0.0001**	**0.012**	**0.007**	
STD DEV (GEOM *)				**0.02 <A**		**0.007**	**0.012**	**0.000**			
# SAMPLES (IN STATISTICS)				**11**	**1**	**109**	**42**	**35**	**1**	**1**	

B.O.W./ SITE: **NEWBIGGIN CREEK**
SAMPLE POINT: **HWY.2 NEAR JUNCTION WITH HWY.80**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-011-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0445350.0 4730325.0 4** REGION: **01** DISTANCE: **117.479**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 24 1440		.3	1	44015	6	1000I	17000	280	1900	4<	2.0	11.0	2.6
81 03 24 0845		.3	1	44026	6	1500>	3900	670	3000	4<	2.0	9.0	0.6
81 04 28 0845		.3	1	44038	6	31000>	20000	4600	2700		9.0	9.0	3.2
81 05 26 0745		.3	1	44050	6	12000	79000	200I	100<	4<	18.0	7.0	1.8
81 06 23 0825		.3	1	44062	6	23000	200000	1060	1260	88	17.0	7.0	1.6
81 07 29 0845		.3	1	44074	6	40000	100000	1500>	1500>	48	18.0	7.0	4.0
81 08 25 0825		.3	1	44086	6	1000<	80000	200I	100<	4<	17.0	6.0	2.6
81 09 29 0845		.3	1	44097	6	2000C	30000	380	660	4<	11.0	8.0	1.2
81 10 27 0800		.3	1	44108	6	8300C	36000	430	390	4	11.0	8.5	1.2
81 11 25 0840		.3	1	44119	6	1300	12700	480	370	4<	1.0	11.0	2.1
MAXIMUM						**40000**	**200000**	**4600**	**3000**	**88**	**18.0**	**11.0**	**4.0**
ARITH MEAN						**12514**	**57860**	**922**	**1469**	**47**	**10.6**	**8.3**	**2.1**
GEOM MEAN						**5863**	**34368**	**522**	**1092**	**26**	**7.3**	**8.2**	**1.8**
MINIMUM						**1000**	**3900**	**200**	**370**	**4**	**1.0**	**6.0**	**0.6**
STD DEV (GEOM *)						**4***	**3***	**3***	**2***	**5***	**6.9**	**1.7**	**1.0**
# SAMPLES (IN STATISTICS)						**7**	**10**	**9**	**7**	**3**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 24 1440		.3	1	0.240	0.105	0.175	1.750	0.074	8.300	8.549	1.575	10.124	405.4
81 03 24 0845		.3	1	0.058	0.022	0.115	0.750	0.019	5.320	5.454	0.635	6.089	481.9
81 04 28 0845		.3	1	2.600	0.129	0.480	10.400	0.088	5.560	6.128	9.920	16.048	3548.8
81 05 26 0745		.3	1	0.087	0.008	0.050	0.930	0.090	3.300	3.440	0.880	4.320	529.0
81 06 23 0825		.3	1	0.312	0.162	0.740	2.280	0.400	12.700	13.840	1.540	15.380	655.8
81 07 29 0845		.3	1	1.260	1.000	3.200		0.550	8.600	12.350			668.4
81 08 25 0825		.3	1	0.212	0.018	0.130	1.660	0.015	0.100	0.245	1.530	1.775	559.2
81 09 29 0845		.3	1	0.098	0.042	0.010	0.830	0.025	5.300	5.335	0.820	6.155	634.1
81 10 27 0800		.3	1	0.106	0.066	0.090	1.060	0.037	8.700	8.827	0.970	9.797	511.0
81 11 25 0840		.3	1	0.076	0.045	0.045	0.820	0.025	8.280	8.350	0.775	9.125	516.9
MAXIMUM				**2.600**	**1.000**	**3.200**	**10.400**	**0.550**	**12.700**	**13.840**	**9.920**	**16.048**	**3548.8**
ARITH MEAN				**0.505**	**0.160**	**0.503**	**2.276**	**0.132**	**6.616**	**7.252**	**2.072**	**8.757**	**851.0**
GEOM MEAN				**0.215**	**0.062**	**0.151**	**1.483**	**0.062**	**4.496**	**5.259**	**1.326**	**7.371**	**657.3**
MINIMUM				**0.058**	**0.008**	**0.010**	**0.750**	**0.015**	**0.100**	**0.245**	**0.635**	**1.775**	**405.4**
STD DEV (GEOM *)				**0.819**	**0.300**	**0.975**	**3.092**	**0.186**	**3.478**	**4.035**	**2.966**	**4.775**	**951.5**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**9**	**10**	**10**	**10**	**9**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 02 24 1440		.3	1	74.7	330.7	432.0	63.00	18.500	7.79
81 03 24 0845		.3	1	18.3	463.6	710.0	15.00	46.000	8.20
81 04 28 0845		.3	1	3152.0	396.8	407.0	2100.00	24.500	7.74
81 05 26 0745		.3	1	40.3	488.7	715.0	35.00	56.000	7.99
81 06 23 0825		.3	1	91.0	564.8	815.0	64.00	55.500	8.02
81 07 29 0845		.3	1	97.8	570.6	730.0	77.00	91.500	7.75
81 08 25 0825		.3	1	52.7	506.5	670.0	49.00	97.000	7.79
81 09 29 0845		.3	1	28.6	605.5	890.0	25.00	52.500	8.15
81 10 27 0800		.3	1	24.9	486.1	730.0	3.30	35.500	8.05
81 11 25 0840		.3	1	12.9	504.0	800.0	17.00	42.000	8.11
MAXIMUM				**3152.0**	**605.5**	**890.0**	**2100.00**	**97.000**	**8.20**
ARITH MEAN				**359.3**	**491.7**	**689.9**	**244.83**	**51.900**	**7.96**
GEOM MEAN				**61.3**	**485.0**	**671.0**	**43.37**	**46.274**	**7.96**
MINIMUM				**12.9**	**330.7**	**407.0**	**3.30**	**18.500**	**7.74**
STD DEV (GEOM *)				**981.7**	**82.1**	**156.0**	**652.29**	**25.605**	**0.18**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT PARK STREET BRIDGE, ST MARYS**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-015-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M. **17 0488200.0 4788950.0 4** REGION: **01** DISTANCE: **254.752**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 19 1130		3	1	43004	4	1.180	280	900	160	36	4<	1.0	10.5
81 02 19 1106		3	1	43954	3	140.000	27000	110000	1500>	560	16	1.0	12.1
81 03 16 1030		3	1	43043	6	11.000	100<	1500	10<	110	4<	0.0	12.5
81 04 14 1035		3	1	43065	6	12.700	6700	15400	600>	600>	24	7.0	9.0
81 05 19 1130		3	1	43087	6	9.790	480C	8200	70I	30I	4<	12.5	12.6
81 06 17 1037		3	1	43109	6	2.260	1900	23800	332	160	48	18.2	8.5
81 07 21 1200		3	1	43131	6	1.790	1200C	43000	600>	224	4<	22.0	10.0
81 09 22 1130		3	1	43153	6	8.430	4000	24000	312	444	4<	14.0	8.5
81 10 20 1100		3	1	43175	6	29.700	62000	100000	710	840	4<	6.5	11.5
81 11 17 1115		3	1	43200	6	7.940	3500	6100	720	110	4<	7.5	12.0
1120		3	1	43199		7.940							
81 12 14 0920		3	1	43223	4	3.900	160	350	70I	20I	4<	0.5	12.0
MAXIMUM						**140.000**	**62000**	**110000**	**720**	**840**	**48**	**22.0**	**12.6**
ARITH MEAN						**19.719**	**10722**	**30295**	**339**	**253**	**29**	**9.0**	**10.8**
GEOM MEAN						**7.868**	**2447**	**9985**	**237**	**135**	**26**	**5.1**	**10.7**
MINIMUM						**1.180**	**160**	**350**	**70**	**20**	**16**	**0.5**	**8.5**
STD DEV (GEOM *)						**38.631**	**7***	**7***	**3***	**4***	**2***	**7.5**	**1.6**
# SAMPLES (IN STATISTICS)						**12**	**10**	**11**	**7**	**10**	**3**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 19 1130		3	1	0.9	0.095	0.063	0.375	0.920	0.028	5.000	5.403	0.545	5.948
81 02 19 1106		3	1	5.6	0.730	0.138	0.390	1.860	0.033	7.100	7.523	1.470	8.993
81 03 16 1030		3	1	0.3	0.037	0.024	0.060	0.650	0.025	9.400	9.485	0.590	10.075
81 04 14 1035		3	1	2.2	0.111	0.065	0.115	0.910	0.078	5.170	5.363	0.795	6.158
81 05 19 1130		3	1	2.0	0.036	0.002	0.010	0.720	0.026	5.800	5.836	0.710	6.546
81 06 17 1037		3	1	2.1	0.067	0.001	0.065	0.970	0.052	1.480	1.597	0.905	2.502
81 07 21 1200		3	1	1.4	0.066	0.004	0.060	0.790	0.105	0.880	1.045	0.730	1.775
81 09 22 1130		3	1	1.8	0.096	0.011	0.015	1.060	0.035	2.020	2.070	1.045	3.115
81 10 20 1100		3	1	1.0	0.052	0.013	0.010	0.960	0.020	8.100	8.130	0.950	9.080
81 11 17 1115		3	1	1.6	0.034	0.006	0.005	0.750	0.024	6.000	6.029	0.745	6.774
1120		3	1	2.1	0.049	0.005	0.030	0.820	0.033	4.700	4.763	0.790	5.553
81 12 14 0920		3	1	0.7	0.038	0.006	0.105	0.690	0.022	4.600	4.727	0.585	5.312
MAXIMUM				**5.6**	**0.730**	**0.138**	**0.390**	**1.860**	**0.105**	**9.400**	**9.485**	**1.470**	**10.075**
ARITH MEAN				**1.8**	**0.118**	**0.028**	**0.103**	**0.925**	**0.040**	**5.021**	**5.164**	**0.822**	**5.986**
GEOM MEAN				**1.4**	**0.070**	**0.011**	**0.046**	**0.888**	**0.035**	**4.170**	**4.351**	**0.791**	**5.348**
MINIMUM				**0.3**	**0.034**	**0.001**	**0.005**	**0.650**	**0.020**	**0.880**	**1.045**	**0.545**	**1.775**
STD DEV (GEOM *)				**1.3**	**0.195**	**0.041**	**0.135**	**0.320**	**0.026**	**2.586**	**2.593**	**0.254**	**2.612**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 1130		3	1	515.6	10.0	505.6	800.0	3.50	47.000	7.75
81 02 19 1106		3	1	378.5	107.3	235.000	362.0	33.00	15.000	7.42
81 03 16 1030		3	1	367.8	3.5	364.3	610.0	2.00	20.500	8.18
81 04 14 1035		3	1	418.4	6.9	411.5	590.0	3.00	29.500	8.29
81 05 19 1130		3	1	383.4	8.1	375.3	610.0	3.50	18.500	8.24
81 06 17 1037		3	1	365.4	16.4	349.0	540.0	5.70	29.500	8.16
81 07 21 1200		3	1	344.1	25.3	318.8	515.0	9.90	25.000	8.11
81 09 22 1130		3	1	318.8	29.5	289.3	451.0	14.00	15.500	8.19
81 10 20 1100		3	1	447.8	7.5	440.3	655.0	4.80	21.000	8.14
81 11 17 1115		3	1	522.2	3.8	518.4	765.0	2.70	40.500	8.34
1120		3	1	502.90	8.90	494.00	725.0	6.70	34.500	8.25
81 12 14 0920		3	1	403.2	6.7	396.5	640.0	6.20	16.000	8.18
MAXIMUM				**522.2**	**107.3**	**518.4**	**800.0**	**33.00**	**47.000**	**8.34**
ARITH MEAN				**414.0**	**19.4**	**391.5**	**605.2**	**7.92**	**26.042**	**8.10**
GEOM MEAN				**408.9**	**11.3**	**381.8**	**592.0**	**5.64**	**24.297**	**8.10**
MINIMUM				**318.8**	**3.5**	**235.000**	**362.0**	**2.00**	**15.000**	**7.42**
STD DEV (GEOM *)				**68.6**	**28.8**	**88.1**	**126.9**	**8.61**	**10.409**	**0.26**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **THAMES RIVER**
SAMPLE POINT: **AT DUNDAS STREET WOODSTOCK**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-016-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M. **17 0517950.0 4774700.0 4** REGION: **01** DISTANCE: **258.132**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 21 1420		.3	1	43018	6 8	0 507	8700	7000	600>	212	4	1 0	11 0
81 02 18 1320		.3	1	43027	3	19 800	51000	132000	14600	1500>	68	0 0	10 5
81 03 18 1400		.3	1	43059	6	1 840	1400	3400	200I	80I	4<	1 0	11 0
81 04 22 1355		.3	1	43081	9	1 360	1700	4400	260	76	8	11 0	12 5
81 05 20 1337		.3	1	43103	6	2 450	20400>	22000	600>	116	16	16 0	10 2
81 06 18 1319		.3	1	43125	6	0 374	18800>	35000	780	180	36	20 0	9 5
81 07 23 1410		.3	1	43147	6	0 449	3400	15600	160	130	4	22 0	12 0
81 09 22 1410		.3	1	43169		4 940	600	28000	90I	92	4<		
81 10 22 1340		.3	1	43191	6	4 750	1400	1600	330	220	16	7 5	10 0
81 11 19 1345		.3	1	43215	6	1 460	100I	700	90I	20I	4<	6 5	10 0
81 12 17 1345		.3	1	43239	6	0 872	7100	8800	352	128	24	1 5	5 5
	MAXIMUM					**19 800**	**51000**	**132000**	**14600**	**220**	**68**	**22 0**	**12 5**
	ARITH MEAN					**3 527**	**8378**	**23500**	**1874**	**125**	**22**	**9 6**	**10 2**
	GEOM MEAN					**1 684**	**2345**	**9315**	**355**	**106**	**14**	**5 6**	**10 0**
	MINIMUM					**0 374**	**100**	**700**	**90**	**20**	**4**	**1 0**	**5 5**
	STD DEV (GEOM *)					**5 629**	**6***	**4***	**5***	**2***	**3***	**8 2**	**1 9**
	# SAMPLES (IN STATISTICS)					**11**	**9**	**11**	**9**	**10**	**8**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L -AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1420		.3	1	1 6	0 360	0 290	0 305	0 970	0 046	8 100	8 451	0 665	9 116
81 02 18 1320		.3	1	6 2	0 234	0 150	0 775	2 040	0 042	4 000	4 817	1 265	6 082
81 03 18 1400		.3	1	1 4	0 126	0 081	0 175	0 730	0 034	8 200	8 409	0 555	8 964
81 04 22 1355		.3	1	3 3	0 154	0 007	0 005	0 690	0 033	7 100	7 138	0 685	7 823
81 05 20 1337		.3	1	4 2	0 125	0 002	0 020	1 130	0 056	5 400	5 476	1 110	6 586
81 06 18 1319		.3	1	2 5	0 405	0 250	0 010	1 370	0 062	7 340	7 412	1 360	8 772
81 07 23 1410		.3	1	3 3	0 250	0 066	0 095	1 060	0 037	3 810	3 942	0 965	4 907
81 09 22 1410		.3	1	3 2	0 148	0 009	0 115	1 440	0 065	1 840	2 020	1 325	3 345
81 10 22 1340		.3	1	3 2	0 119	0 020	0 140	1 180	0 043	6 400	6 583	1 040	7 623
81 11 19 1345		.3	1	2 5	0 148	0 008	0 235	0 920	0 042	6 700	6 977	0 685	7 662
81 12 17 1345		.3	1	2 6	0 300	0 225	0 055	0 720	0 086	8 900	9 041	0 665	9 706
	MAXIMUM			**6 2**	**0 405**	**0 290**	**0 775**	**2 040**	**0 086**	**8 900**	**9 041**	**1 360**	**9 706**
	ARITH MEAN			**3 1**	**0 215**	**0 101**	**0 175**	**1 114**	**0 050**	**6 163**	**6 388**	**0 938**	**7 326**
	GEOM MEAN			**2 9**	**0 196**	**0 038**	**0 080**	**1 057**	**0 048**	**5 684**	**5 945**	**0 894**	**7 035**
	MINIMUM			**1 4**	**0 119**	**0 002**	**0 005**	**0 690**	**0 033**	**1 840**	**2 020**	**0 555**	**3 345**
	STD DEV (GEOM *)			**1 3**	**0 102**	**0 109**	**0 221**	**0 397**	**0 016**	**2 179**	**2 139**	**0 300**	**1 946**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 21 1420		.3	1	673 4	3 8	669 6	1030 0	2 40	81 500	7 78
81 02 18 1320		.3	1	309 0	16 7	292 3	448 0	4 80	37 000	7 60
81 03 18 1400		.3	1	460 4	6 1	454 3	720 0	3 10	47 000	8 02
81 04 22 1355		.3	1	506 0	9 7	496 3	730 0	2 50	59 000	7 92
81 05 20 1337		.3	1	464 2	18 6	445 6	665 0	4 90	45 000	8 12
81 06 18 1319		.3	1	608 2	31 0	577 2	895 0	7 40	88 000	7 78
81 07 23 1410		.3	1	507 0	20 1	486 9	730 0	6 00	66 500	7 87
81 09 22 1410		.3	1	424 00	21 00	403 00	610 0	7 50	42 000	8 07
81 10 22 1340		.3	1	504 4	15 1	489 3	755 0	6 90	41 500	8 07
81 11 19 1345		.3	1	564 0	13 0	551 0	845 0	6 80	51 000	7 95
81 12 17 1345		.3	1	617 8	3 5	614 3	945 0	2 00	66 500	8 02
	MAXIMUM			**673 4**	**31 0**	**669 6**	**1030 0**	**7 50**	**88 000**	**8 12**
	ARITH MEAN			**512 5**	**14 4**	**498 1**	**761 2**	**4 94**	**56 818**	**7 93**
	GEOM MEAN			**502 6**	**11 8**	**487 4**	**744 2**	**4 46**	**54 662**	**7 93**
	MINIMUM			**309 0**	**3 5**	**292 3**	**448 0**	**2 00**	**37 000**	**7 60**
	STD DEV (GEOM *)			**101 6**	**8 3**	**104 0**	**162 7**	**2 13**	**17 002**	**0 16**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT FIRST ROAD SOUTH OF INNERKIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD021**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-018-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0525175.0 4783200.0 4** REGION: **01** DISTANCE: **272.133**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 21 1350		3	1	43016	4	0.117	190	1300	64	100	4<	1.0	11.5
81 03 18 1335		3	1	43057	6	0.624	30I	480	10<	40I	4<	0.0	9.0
81 04 22 1330		3	1	43079	6	0.927	160	620	4	4<	4<	8.0	15.5
81 05 20 1300		3	1	43101	6	0.594	300C	5600	20	4	4<	16.0	14.4
81 06 18 1245		3	1	43123	6 9	0.136	330C	24000>	132	80	24	21.0	12.8
81 07 23 1340		3	1	43145	6	0.033	250C	24000>	240	128	4	20.0	10.5
81 09 23 1335		3	1	43167	6	0.861	250C	5000	130	44	4<	14.5	11.5
81 10 22 1245		3	1	43189	6	4.520	8400	18500	1450	1490	72	7.0	11.0
81 11 19 1315		3	1	43213	6	0.424	400I	2900	150	10I	4<	7.0	7.0
81 12 17 1300		3	1	43237	6 4	0.400	1600	1700	124	100	4<	0.0	7.0
	MAXIMUM					**4.520**	**8400**	**18500**	**1450**	**1490**	**72**	**21.0**	**15.5**
	ARITH MEAN					**0.864**	**1191**	**4512**	**257**	**222**	**33**	**11.8**	**11.0**
	GEOM MEAN					**0.405**	**353**	**2368**	**94**	**60**	**19**	**8.9**	**10.7**
	MINIMUM					**0.033**	**30**	**480**	**4**	**4**	**4**	**1.0**	**7.0**
	STD DEV (GEOM *)					**1.320**	**4***	**3***	**5***	**5***	**4***	**7.1**	**2.8**
	# SAMPLES (IN STATISTICS)					**10**	**10**	**8**	**9**	**9**	**3**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1350		3	1	1.4	0.100	0.063	0.440	0.940	0.037	3.610	4.087	0.500	4.587
81 03 18 1335		3	1	0.3	0.059	0.037	0.095	0.630	0.026	7.300	7.421	0.535	7.956
81 04 22 1330		3	1	2.6	0.240	0.149	0.240	1.060	0.103	5.900	6.243	0.820	7.063
81 05 20 1300		3	1	2.1	0.027	0.002	0.010	0.720	0.044	4.400	4.454	0.710	5.164
81 06 18 1245		3	1	1.1	0.105	0.039	0.020	0.860	0.036	1.410	1.466	0.840	2.306
81 07 23 1340		3	1	2.3	0.105	0.051	0.015	0.860	0.014	1.150	1.179	0.845	2.024
81 09 23 1335		3	1	0.8	0.076	0.013	0.025	0.720	0.019	5.980	6.024	0.695	6.719
81 10 22 1245		3	1	2.7	0.170	0.097	0.055	1.070	0.054	12.000	12.109	1.015	13.124
81 11 19 1315		3	1	2.0	0.028	0.003	0.005	0.600	0.019	6.200	6.224	0.595	6.819
81 12 17 1300		3	1	2.1	0.061	0.043	0.060	0.600	0.040	6.300	6.400	0.540	6.940
	MAXIMUM			**2.7**	**0.240**	**0.149**	**0.440**	**1.070**	**0.103**	**12.000**	**12.109**	**1.015**	**13.124**
	ARITH MEAN			**1.7**	**0.097**	**0.050**	**0.096**	**0.806**	**0.039**	**5.425**	**5.561**	**0.709**	**6.270**
	GEOM MEAN			**1.5**	**0.079**	**0.027**	**0.041**	**0.788**	**0.033**	**4.459**	**4.599**	**0.692**	**5.513**
	MINIMUM			**0.3**	**0.027**	**0.002**	**0.005**	**0.600**	**0.014**	**1.150**	**1.179**	**0.500**	**2.024**
	STD DEV (GEOM *)			**0.8**	**0.066**	**0.045**	**0.139**	**0.179**	**0.026**	**3.116**	**3.119**	**0.169**	**3.148**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 21 1350		3	1	673.7	4.1	669.6	960.0	0.85	34.500	7.84
81 03 18 1335		3	1	515.6	7.0	508.6	770.0	2.80	30.500	8.15
81 04 22 1330		3	1	563.2	2.3	560.9	780.0	0.70	46.000	8.47
81 05 20 1300		3	1	454.2	3.8	450.4	645.0	0.80	30.000	8.48
81 06 18 1245		3	1	615.4	12.7	602.7	815.0	2.00	37.500	8.28
81 07 23 1340		3	1	725.4	5.0	720.4	925.0	1.40	38.500	8.22
81 09 23 1335		3	1	576.6	3.3	573.3	825.0	0.85	42.500	8.31
81 10 22 1245		3	1	542.7	14.2	528.5	815.0	5.10	39.000	7.97
81 11 19 1315		3	1	608.5	5.1	603.4	870.0	1.50	36.000	8.07
81 12 17 1300		3	1	627.8	1.7	626.1	900.0	1.50	34.500	8.19
	MAXIMUM			**725.4**	**14.2**	**720.4**	**960.0**	**5.10**	**46.000**	**8.48**
	ARITH MEAN			**590.3**	**5.9**	**584.4**	**830.5**	**1.75**	**36.900**	**8.20**
	GEOM MEAN			**585.6**	**4.8**	**579.6**	**825.9**	**1.43**	**36.602**	**8.20**
	MINIMUM			**454.2**	**1.7**	**450.4**	**645.0**	**0.70**	**30.000**	**7.84**
	STD DEV (GEOM *)			**78.1**	**4.3**	**78.7**	**90.2**	**1.34**	**4.971**	**0.20**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **AVON RIVER**
SAMPLE POINT: **AT LORNE AVE STRATFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-025-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0498550.0 4801125.0 4** REGION: **01** DISTANCE: **278.570**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 19 1230		3	1	43006	6	0.332	5800	4400	600>	240	4<	1.0	13.0
81 02 19 1321		3	1	43957	3	40.000	61000	150000	9700	600	20	2.0	12.4
81 03 16 1130		3	1	43046	6	0.640	14000	20000	5600	880	4<	0.0	12.0
81 04 14 1250		3	1	43068	6	2.510	163000>	600000	24600>	1500	152C	7.0	9.0
81 05 19 1251		3	1	43090	6	0.552	300C	4800	10I	10<	4<	16.0	12.8
81 06 17 1224		3	1	43112	6 9	0.907	9800C	42000	324	600>	8	19.0	10.0
81 07 21 1325		3	1	43134	6	0.253	980C	16200	64	72	4<	21.0	9.0
81 09 22 1325		3	1	43156		0.772	5500	20000	340	304	4<	15.0	8.0
81 10 20 1255		3	1	43178	6	2.450	4500	15000	230	110	4<	10.0	10.5
81 11 17 1235		3	1	43202	6	4.920	8900	4800	1500>	500	4	8.0	10.0
81 12 14 1025		3	1	43226	6	0.230	7500	6300	1380	140	4	4.0	12.0
	MAXIMUM					**40.000**	**61000**	**600000**	**9700**	**1500**	**152**	**21.0**	**13.0**
	ARITH MEAN					**4.870**	**11828**	**80318**	**2206**	**483**	**38**	**10.3**	**10.8**
	GEOM MEAN					**1.173**	**5461**	**20249**	**432**	**317**	**13**	**7.3**	**10.7**
	MINIMUM					**0.230**	**300**	**4400**	**10**	**72**	**4**	**1.0**	**8.0**
	STD DEV (GEOM *)					**11.739**	**4***	**5***	**10***	**3***	**5***	**7.1**	**1.7**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**11**	**8**	**9**	**5**	**10**	**11**

(CONTD)

B.O.W./ SITE: **AVON RIVER**
SAMPLE POINT: **AT LORNE AVE STRATFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-025-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0498550.0 4801125.0 4** REGION: **01** DISTANCE: **278.570**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 19 1230		.3	1	2.0	0.440	0.325	0.630	1.120	0.430	7.800	8.860	0.490	9.350
81 02 19 1321		.3	1	7.1	0.370	0.163	0.625	2.360	0.039	3.900	4.564	1.735	6.299
81 03 16 1130		.3	1	2.5	0.160	0.124	1.300	2.080	0.135	6.700	8.135	0.780	8.915
81 04 14 1250		.3	1	9.0	0.535	0.280	1.000>	3.400	0.880	4.700	6.580	2.400	8.980
81 05 19 1251		.3	1	6.8	0.122	0.058	2.820	4.000	0.820	3.500	7.140	1.180	8.320
81 06 17 1224		.3	1	2.8	0.148	0.026	0.330	1.220	0.250	6.550	7.130	0.890	8.020
81 07 21 1325		.3	1	2.8	0.046	0.002	0.225	0.980	0.470	8.800	9.495	0.755	10.250
81 09 22 1325		.3	1	9.6	0.470	0.077	0.010	2.360	0.420	3.580	4.010	2.350	6.360
81 10 20 1255		.3	1	1.0	0.068	0.027	0.045	0.870	0.030	5.000	5.075	0.825	5.900
81 11 17 1235		.3	1	1.5	0.071	0.033	0.165	0.920	0.083	5.000	5.248	0.755	6.003
81 12 14 1025		.3	1	3.0	0.126	0.095	1.050	1.720	0.250	5.900	7.200	0.670	7.870
	MAXIMUM			**9.6**	**0.535**	**0.325**	**2.820**	**4.000**	**0.880**	**8.800**	**9.495**	**2.400**	**10.250**
	ARITH MEAN			**4.4**	**0.232**	**0.110**	**0.720**	**1.912**	**0.346**	**5.585**	**6.676**	**1.166**	**7.842**
	GEOM MEAN			**3.4**	**0.169**	**0.060**	**0.311**	**1.675**	**0.217**	**5.347**	**6.451**	**1.020**	**7.709**
	MINIMUM			**1.0**	**0.046**	**0.002**	**0.010**	**0.870**	**0.030**	**3.500**	**4.010**	**0.490**	**5.900**
	STD DEV (GEOM *)			**3.1**	**0.183**	**0.107**	**0.852**	**1.053**	**0.294**	**1.738**	**1.781**	**0.681**	**1.500**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*SIO3UR*	*ALKT*	*PH*
81 01 19 1230		.3	1	779.8	4.9	774.9	1180.0	2.00	115.000				7.87
81 02 19 1321		.3	1	354.6	108.8	213.000	328.0	32.00	23.000				7.50
81 03 16 1130		.3	1	575.0	2.8	572.2	870.0	1.90	66.000				8.06
81 04 14 1250		.3	1	496.6	36.9	459.7	690.0	22.00	72.000				7.70
81 05 19 1251		.3	1	597.00	7.10	589.90	890.0	3.00	67.000	87.000	2.380	274.0	8.30
81 06 17 1224		.3	1	760.2	7.4	752.8	1095.0	2.80	103.000				7.81
81 07 21 1325		.3	1	994.6	4.8	989.8	1440.0	1.60	175.000				8.05
81 09 22 1325		.3	1	572.0	18.9	553.1	830.0	7.00	70.000				7.76
81 10 20 1255		.3	1	547.6	5.0	542.6	830.0	2.60	49.500				8.14
81 11 17 1235		.3	1	610.4	9.9	600.5	895.0	5.60	57.000				8.03
81 12 14 1025		.3	1	662.4	2.0	660.4	840.0	1.30	79.000				8.02
	MAXIMUM			**994.6**	**108.8**	**989.8**	**1440.0**	**32.00**	**175.000**	**87.000**	**2.380**	**274.0**	**8.30**
	ARITH MEAN			**631.8**	**18.9**	**609.9**	**898.9**	**7.44**	**79.682**	**87.000**	**2.380**	**274.0**	**7.93**
	GEOM MEAN			**612.0**	**8.8**	**574.9**	**850.7**	**4.05**	**71.158**				**7.93**
	MINIMUM			**354.6**	**2.0**	**213.000**	**328.0**	**1.30**	**23.000**	**87.000**	**2.380**	**274.0**	**7.50**
	STD DEV (GEOM *)			**167.8**	**31.4**	**196.0**	**281.7**	**10.08**	**40.020**				**0.23**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**1**	**1**	**1**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	SOLVENT EXTRACT. MG/L	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*SOLEXT*	*CRUT*	*CUUT*
81 01 19 1230		.3	1	0.190									0.004
81 02 19 1321		.3	1	3.900									0.022
81 03 16 1130		.3	1	0.260									0.004
81 04 14 1250		.3	1	0.800									0.008
81 05 19 1251		.3	1	0.240	361.000	106.000	23.200	26.000	3.95	54.000			0.005<
81 06 17 1224		.3	1	0.120									0.008
81 07 21 1325		.3	1	0.090									0.007
81 09 22 1325		.3	1	0.260							1		0.032
81 10 20 1255		.3	1	0.180								0.006	0.024
81 11 17 1235		.3	1	0.420									0.017
81 12 14 1025		.3	1								1	0.006	0.010
	MAXIMUM			**3.900**	**361.000**	**106.000**	**23.200**	**26.000**	**3.95**	**54.000**	**1**	**0.006**	**0.032**
	ARITH MEAN			**0.646**	**361.000**	**106.000**	**23.200**	**26.000**	**3.95**	**54.000**	**1**	**0.006**	**0.014**
	GEOM MEAN			**0.309**							**1**	**0.006**	**0.011**
	MINIMUM			**0.090**	**361.000**	**106.000**	**23.200**	**26.000**	**3.95**	**54.000**	**1**	**0.006**	**0.004**
	STD DEV (GEOM *)			**1.161**							**0**	**0.000**	**0.010**
	# SAMPLES (IN STATISTICS)			**10**	**1**	**1**	**1**	**1**	**1**	**1**	**2**	**2**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*CDUT*	*ZNUT*	*NIUT*
81 01 19 1230		.3	1			0.045	0.010
81 02 19 1321		.3	1			0.140	0.030
81 03 16 1130		.3	1			0.038	0.004
81 04 14 1250		.3	1			0.040	0.004
81 05 19 1251		.3	1			0.030<	0.025 <
81 06 17 1224		.3	1			0.023	0.020
81 07 21 1325		.3	1			0.019	0.027
81 09 22 1325		.3	1	0.004		0.052	0.0140
81 10 20 1255		.3	1		0.0005	0.029	0.007
81 11 17 1235		.3	1			0.030	0.025 <
81 12 14 1025		.3	1	0.003<	0.0001<	0.026	0.005
	MAXIMUM			**0.004**	**0.0005**	**0.140**	**0.030**
	ARITH MEAN			**0.004**	**0.0005**	**0.044**	**0.013**
	GEOM MEAN					**0.037**	**0.010**
	MINIMUM			**0.004**	**0.0005**	**0.019**	**0.004**
	STD DEV (GEOM *)					**0.035**	**0.010**
	# SAMPLES (IN STATISTICS)			**1**	**1**	**10**	**9**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TILBURY CREEK**
SAMPLE POINT: **1 MILE SOUTHWEST OF TILBURY STATION**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-026-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0380625.0 4681250.0 4** REGION: **01** DISTANCE: **7.725**

TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 26 0920		.3	1	44001	4	14000C	33000	770	260	8	0.5	5.5	6.4
81 02 24 1020		.3	1	44008	3 9	1000I	11000	380	370	4<	1.5	8.5	3.0
81 03 23 1035		.3	1	44020	6	360	2500	10<	10<	4<	4.0	12.5	4.6
81 04 27 1100		.3	1	44031	6	1800	22000	110	10I	4<	12.0	8.0	1.5
81 05 25 1020		.3	1	44044	6	2400C	54000	380	16	4<	21.0	7.0	8.0
81 06 22 1220		.3	1	44056	6	78000C	580000	1500>	600>	116	20.0	6.5	1.8
81 07 27 1010		.3	1	44068	6	10000	26000	200I	150	4<	23.0	7.0	3.4
81 08 24 1030		.3	1	44080	6	5900C	71000	170	50I	4<	23.0	6.5	4.4
81 09 28 1030		.3	1	44091	6	1200	27000	150	252	4<	14.0	7.5	3.8
81 10 26 1025		.3	1	44102	6 9	25000	67000	480	280	4<	8.0	6.0	3.6
81 11 23 1125		.3	1	44113	6	170000	710000	1500>	1500>	508	2.0	8.0	9.8
	MAXIMUM					**170000**	**710000**	**770**	**370**	**508**	**23.0**	**12.5**	**9.8**
	ARITH MEAN					**28151**	**145773**	**330**	**173**	**211**	**11.7**	**7.5**	**4.6**
	GEOM MEAN					**6190**	**44865**	**272**	**97**	**78**	**6.9**	**7.4**	**4.0**
	MINIMUM					**360**	**2500**	**110**	**10**	**8**	**0.5**	**5.5**	**1.5**
	STD DEV (GEOM *)					**7***	**5***	**2***	**4***	**8***	**9.0**	**1.9**	**2.5**
	# SAMPLES (IN STATISTICS)					**11**	**11**	**8**	**8**	**3**	**11**	**11**	**11**

TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 26 0920		.3	1	0.720	0.450	2.800	4.350	0.148	1.080	4.028	1.550	5.578	632.6
81 02 24 1020		.3	1	0.365	0.135	0.160	2.150	0.122	6.500	6.782	1.990	8.772	455.5
81 03 23 1035		.3	1	0.390	0.305	2.100	3.380	0.026	3.570	5.696	1.280	6.976	567.8
81 04 27 1100		.3	1	0.215	0.078	0.370	1.720	0.070	4.580	5.020	1.350	6.370	608.4
81 05 25 1020		.3	1	0.525	0.066	0.810	3.500	0.130	4.700	5.640	2.690	8.330	722.2
81 06 22 1220		.3	1	0.535	0.140	0.310	3.650	0.090	2.900	3.300	3.340	6.640	750.4
81 07 27 1010		.3	1	0.275	0.040	0.165	2.400	0.140	6.400	6.705	2.235	8.940	493.7
81 08 24 1030		.3	1	0.270	0.032	0.290	2.000	0.078	0.460	0.828	1.710	2.538	448.1
81 09 28 1030		.3	1	0.255	0.028	0.155	1.700	0.030	0.670	0.855	1.545	2.400	477.3
81 10 26 1025		.3	1	0.380	0.196	0.115	1.800	0.061	5.000	5.176	1.685	6.861	496.7
81 11 23 1125		.3	1	0.535	0.230	1.700	4.200	0.041	3.060	4.801	2.500	7.301	500.8
	MAXIMUM			**0.720**	**0.450**	**2.800**	**4.350**	**0.148**	**6.500**	**6.782**	**3.340**	**8.940**	**750.4**
	ARITH MEAN			**0.406**	**0.155**	**0.816**	**2.805**	**0.085**	**3.538**	**4.439**	**1.989**	**6.428**	**559.4**
	GEOM MEAN			**0.380**	**0.107**	**0.442**	**2.637**	**0.073**	**2.660**	**3.688**	**1.904**	**5.945**	**550.8**
	MINIMUM			**0.215**	**0.028**	**0.115**	**1.700**	**0.026**	**0.460**	**0.828**	**1.280**	**2.400**	**448.1**
	STD DEV (GEOM *)			**0.156**	**0.133**	**0.942**	**1.025**	**0.044**	**2.143**	**2.050**	**0.641**	**2.209**	**106.0**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	PH
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 26 0920		.3	1	6.4	626.2	930.0	4.00	87.500	7.49
81 02 24 1020		.3	1	139.8	226.000	347.0	190.00	21.500	7.65
81 03 23 1035		.3	1	17.5	550.3	810.0	8.50	38.500	8.16
81 04 27 1100		.3	1	52.7	555.7	805.0	44.00	46.500	8.05
81 05 25 1020		.3	1	171.5	550.7	795.0	120.00	51.500	7.59
81 06 22 1220		.3	1	408.6	341.8	459.0	390.00	29.000	7.66
81 07 27 1010		.3	1	98.6	395.1	484.0	90.00	21.500	7.64
81 08 24 1030		.3	1	64.9	383.2	478.0	75.00	24.500	7.83
81 09 28 1030		.3	1	90.9	386.4	545.0	86.00	38.500	7.90
81 10 26 1025		.3	1	64.7	432.0	565.0	105.00	30.500	7.63
81 11 23 1125		.3	1	35.2	465.6	685.0	43.00	42.000	7.66
	MAXIMUM			**408.6**	**626.2**	**930.0**	**390.00**	**87.500**	**8.16**
	ARITH MEAN			**104.6**	**446.6**	**627.5**	**105.05**	**39.227**	**7.75**
	GEOM MEAN			**64.2**	**431.2**	**601.8**	**59.78**	**35.976**	**7.75**
	MINIMUM			**6.4**	**226.000**	**347.0**	**4.00**	**21.500**	**7.49**
	STD DEV (GEOM *)			**112.4**	**116.7**	**186.7**	**108.28**	**18.891**	**0.21**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT MIDDLESEX COUNTY ROAD 42 LONDON**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-027-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0484125.0 4765225.0 4** REGION: **01** DISTANCE: **217.416**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 19 0910		.3	1	43000	6	2.400	100<	100<	10<	10<	4<	1.0	12.5
81 02 19 0932		.3	1	43950	3	202.000	3600	7800	560	1500>	4	2.0	14.6
81 03 16 0910		.3	1	43039	6	15.600	20I	320	10I	10<	4<	1.0	12.0
81 04 14 0920		.3	1	43061	6	10.500	48C	1360	4	24	4<	7.0	10.0
81 05 19 0948		.3	1	43083	6	12.000	150C	3100	4	4	4<	13.5	11.9
81 06 17 0918		.3	1	43105	6	3.340	350C	24000>	24	72	4<	19.8	8.0
81 07 27 1023		.3	1	43127	6	2.110	360C	19000	40	32	4<	24.5	6.5
81 09 22 0930		.3	1	43149	6	11.500	600I	8200	80	24	4<	14.0	8.5
81 10 20 0930		.3	1	43171	6	29.700	310C	2800	32	16	4<	9.0	10.0
81 11 17 0910		.3	1	43195	6	7.710	40I	440	4<	4<	4<	6.0	11.0
81 12 14 0800		.3	1	43219	2.6	7.770	10<	250	4<	4	4<	1.0	13.0
MAXIMUM						**202.000**	**3600**	**19000**	**560**	**72**	**4**	**24.5**	**14.6**
ARITH MEAN						**27.694**	**609**	**4808**	**94**	**25**	**4**	**9.0**	**10.7**
GEOM MEAN						**10.293**	**199**	**1997**	**26**	**17**		**5.2**	**10.5**
MINIMUM						**2.110**	**20**	**250**	**4**	**4**	**4**	**1.0**	**6.5**
STD DEV (GEOM *)						**58.327**	**5***	**5***	**5***	**3***		**8.1**	**2.4**
# SAMPLES (IN STATISTICS)						**11**	**9**	**9**	**8**	**7**	**1**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 19 0910		.3	1	0.8	0.039	0.016	0.175	0.690	0.035	7.700	7.910	0.515	8.425
81 02 19 0932		.3	1	2.6	0.139	0.073	0.490	1.090	0.038	5.510	6.038	0.600	6.638
81 03 16 0910		.3	1	1.0	0.070	0.041	0.130	0.690	0.028	7.300	7.458	0.560	8.018
81 04 14 0920		.3	1	1.5	0.059	0.006	0.050	0.770	0.048	7.400	7.498	0.720	8.218
81 05 19 0948		.3	1	2.3	0.051	0.001	0.025	0.840	0.053	8.600	8.678	0.815	9.493
81 06 17 0918		.3	1	1.6	0.078	0.023	0.215	1.010	0.105	4.100	4.420	0.795	5.215
81 07 27 1023		.3	1	2.2	0.051	0.005	0.130	1.010	0.121	3.900	4.151	0.880	5.031
81 09 22 0930		.3	1	1.2	0.060	0.025	0.075	1.220	0.124	5.300	5.499	1.145	6.644
81 10 20 0930		.3	1	0.6	0.057	0.013	0.050	0.860	0.022	7.100	7.172	0.810	7.982
81 11 17 0910		.3	1	1.6	0.034	0.001	0.005<	0.800	0.018	6.000	6.023	0.795	6.818
81 12 14 0800		.3	1	0.5	0.041	0.019	0.045	0.670	0.024	7.600	7.669	0.625	8.294
MAXIMUM				**2.6**	**0.139**	**0.073**	**0.490**	**1.220**	**0.124**	**8.600**	**8.678**	**1.145**	**9.493**
ARITH MEAN				**1.4**	**0.062**	**0.020**	**0.138**	**0.877**	**0.056**	**6.410**	**6.592**	**0.751**	**7.343**
GEOM MEAN				**1.3**	**0.057**	**0.011**	**0.096**	**0.861**	**0.045**	**6.222**	**6.428**	**0.733**	**7.214**
MINIMUM				**0.5**	**0.034**	**0.001**	**0.025**	**0.670**	**0.018**	**3.900**	**4.151**	**0.515**	**5.031**
STD DEV (GEOM *)				**0.7**	**0.029**	**0.021**	**0.138**	**0.182**	**0.041**	**1.548**	**1.472**	**0.178**	**1.395**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 0910		.3	1	446.1	5.3	440.8	710.0	1.10	28.500	7.75
81 02 19 0932		.3	1	430.6	12.2	418.4	670.0	5.00	42.000	7.70
81 03 16 0910		.3	1	336.7	8.1	328.6	550.0	4.60	19.500	8.10
81 04 14 0920		.3	1	385.8	17.6	368.2	560.0	8.70	22.000	8.25
81 05 19 0948		.3	1	364.10	7.10	357.00	610.0	3.80	20.000	8.40
81 06 17 0918		.3	1	331.8	15.1	316.7	505.0	5.50	23.000	7.98
81 07 27 1023		.3	1	307.2	7.7	299.5	500.0	3.20	27.000	8.14
81 09 22 0930		.3	1	343.5	10.8	332.7	540.0	7.40	17.500	8.28
81 10 20 0930		.3	1	396.2	15.1	381.1	620.0	8.70	20.000	8.42
81 11 17 0910		.3	1	405.4	10.6	394.8	610.0	4.60	18.500	8.37
81 12 14 0800		.3	1	428.2	6.0	422.2	660.0	4.30	22.500	8.29
MAXIMUM				**446.1**	**17.6**	**440.8**	**710.0**	**8.70**	**42.000**	**8.42**
ARITH MEAN				**379.6**	**10.5**	**369.0**	**594.1**	**5.17**	**23.682**	**8.15**
GEOM MEAN				**377.0**	**9.7**	**366.3**	**590.5**	**4.58**	**22.948**	**8.15**
MINIMUM				**307.2**	**5.3**	**299.5**	**500.0**	**1.10**	**17.500**	**7.70**
STD DEV (GEOM *)				**46.1**	**4.1**	**46.8**	**68.9**	**2.32**	**6.958**	**0.25**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **DINGMAN CREEK**
SAMPLE POINT: **1ST.CONC.DOWNSTREAM OF LAMBERT**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-029-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0474400.0 4751100.0 4** REGION: **01** DISTANCE: **196.013**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 21 1020		.3	1	43010	4	0.132	14000	34000	1500>	280	12	1.0	9.0
81 02 18 1000		.3	1	43021	3	10.000	2400	7000	4000	22000>	24	1.0	9.5
81 03 18 1020		.3	1	43051	6	0.640	8200	9200	2600	30I	4<	0.0	13.0
81 04 22 0950		.3	1	43073	6	1.250	7200	13400	1300	100	12	7.0	9.0
81 05 20 1046		.3	1	43095	6	0.502	7600C	23000	420	40	4<	13.8	9.2
81 06 18 1020		.3	1	43117	6	0.276	27000	180000	980	232	4	18.5	7.8
81 07 23 1023		.3	1	43139	6	0.104	10000	76000	360	370	4	19.0	6.5
81 09 24 1020		.3	1	43161	6	0.496	13000	52000	1020	730	4<	11.0	8.0
81 10 22 1020		.3	1	43183	5	1.200	15000	90000	1060	1040	28	7.0	9.0
81 11 19 1005		.3	1	43207	6	0.460	5100	8400	2100	210	12	6.5	9.5
81 12 17 1030		3	1	43231	6	0.375	3000	1700	290	380	8	0.0	11.5
MAXIMUM						**10.000**	**27000**	**180000**	**4000**	**1040**	**28**	**19.0**	**13.0**
ARITH MEAN						**1.403**	**10227**	**44973**	**1413**	**341**	**13**	**9.4**	**9.3**
GEOM MEAN						**0.556**	**8256**	**22109**	**1028**	**211**	**11**	**6.4**	**9.1**
MINIMUM						**0.104**	**2400**	**1700**	**290**	**30**	**4**	**1.0**	**6.5**
STD DEV (GEOM *)						**2.876**	**2***	**4***	**2***	**3***	**2***	**6.7**	**1.8**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**10**	**8**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1020		.3	1	2.3	0.159	0.090	1.700	2.300	0.042	2.760	4.502	0.600	5.102
81 02 18 1000		.3	1	6.2	0.395	0.210	0.610	1.850	0.042	1.580	2.232	1.240	3.472
81 03 18 1020		.3	1	0.6	0.069	0.029	0.065	0.670	0.051	4.000	4.116	0.605	4.721
81 04 22 0950		.3	1	2.8	0.098	0.030	0.215	1.020	0.037	4.400	4.652	0.805	5.457
81 05 20 1046		.3	1	2.5	0.126	0.045	0.060	1.040	0.070	2.200	2.330	0.980	3.310
81 06 18 1020		.3	1	4.8	0.240	0.086	0.160	1.350	0.260	2.740	3.160	1.190	4.350
81 07 23 1023		.3	1	13.0	0.192	0.083	0.120	0.960	0.049	2.000	2.169	0.840	3.009
81 09 24 1020		.3	1	1.4	0.184	0.083	0.120	1.400	0.154	5.750	6.024	1.280	7.304
81 10 22 1020		.3	1	3.7	0.200	0.074	0.075	1.150	0.096	4.900	5.071	1.075	6.146
81 11 19 1005		.3	1	2.2	0.114	0.042	0.240	1.020	0.156	3.600	3.996	0.780	4.776
81 12 17 1030		3	1	1.9	0.098	0.054	0.215	0.850	0.144	4.300	4.659	0.635	5.294
MAXIMUM				**13.0**	**0.395**	**0.210**	**1.700**	**2.300**	**0.260**	**5.750**	**6.024**	**1.280**	**7.304**
ARITH MEAN				**3.8**	**0.170**	**0.075**	**0.325**	**1.237**	**0.100**	**3.475**	**3.901**	**0.912**	**4.813**
GEOM MEAN				**2.8**	**0.152**	**0.064**	**0.183**	**1.167**	**0.081**	**3.233**	**3.694**	**0.879**	**4.659**
MINIMUM				**0.6**	**0.069**	**0.029**	**0.060**	**0.670**	**0.037**	**1.580**	**2.169**	**0.600**	**3.009**
STD DEV (GEOM *)				**3.4**	**0.091**	**0.050**	**0.481**	**0.473**	**0.071**	**1.322**	**1.274**	**0.256**	**1.275**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 21 1020		.3	1	486.8	6.8	480.0	800.0	4.60	58.000	7.72
81 02 18 1000		.3	1	247.2	52.9	194.000	298.0	26.00	38.000	7.53
81 03 18 1020		.3	1	457.8	12.2	445.6	740.0	7.50	61.500	7.97
81 04 22 0950		.3	1	468.2	14.1	454.1	710.0	12.00	51.500	7.94
81 05 20 1046		.3	1	462.3	24.7	437.6	665.0	14.00	53.500	8.01
81 06 18 1020		.3	1	543.0	66.9	476.1	725.0	35.00	70.500	7.81
81 07 23 1023		.3	1	411.0	39.7	371.3	595.0	20.00	46.000	7.73
81 09 24 1020		.3	1	558.0	33.7	524.3	840.0	16.00	89.500	7.90
81 10 22 1020		.3	1	466.0	39.2	426.8	685.0	25.00	55.500	7.73
81 11 19 1005		.3	1	540.9	15.4	525.5	800.0	5.70	57.000	7.93
81 12 17 1030		.3	1	517.9	4.7	513.2	815.0	4.00	60.500	8.08
MAXIMUM				**558.0**	**66.9**	**525.5**	**840.0**	**35.00**	**89.500**	**8.08**
ARITH MEAN				**469.0**	**28.2**	**440.7**	**697.5**	**15.44**	**58.318**	**7.85**
GEOM MEAN				**459.7**	**21.2**	**427.8**	**676.0**	**12.29**	**57.028**	**7.85**
MINIMUM				**247.2**	**4.7**	**194.000**	**298.0**	**4.00**	**38.000**	**7.53**
STD DEV (GEOM *)				**86.0**	**20.1**	**93.9**	**151.4**	**10.13**	**13.340**	**0.16**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **LOCK DRAIN**
SAMPLE POINT: **AT CONCESSION ROAD 22 HARWICH TWP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-031-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M.: **17 0410925.0 4689125.0 4** REGION: **01** DISTANCE: **45.382**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 26 1115	.3	1		44004	6	490000	820000	16600>	20400>	32	0.5	6.5	14.0>
81 02 24 1240	.3	1		44011	6	10000<	50000	300I	3000I	4	4.0	8.5	2.4
81 03 23 0850	.3	1		44018	6	97000	26000	730	200	4<	3.0	9.5	1.1
81 04 27 0915	.3	1		44029	6 9	3200	7000	290	10I	4<	9.0	10.0	1.6
81 05 25 0830	.3	1		44042	6	62000	149000	880	536	16	17.0	8.0	1.8
81 06 22 0957	.3	1		44054	6	260000C	4700000		1500>	380C	19.0	8.0	2.4
81 07 27 0850	.3	1		44066	6	38000	88000	3300	3700	24	18.0	8.0	4.2
81 08 24 0855	.3	1		44078	6	6400C	40000	100<	100I	4<	20.0	7.5	1.8
81 09 28 0850	.3	1		44089	6	11800C	120000	188	152	4<	8.0	10.0	2.1
81 10 26 0850	.3	1		44100	6	118000	1000	50I	30I	4<	8.5	8.0	3.0
81 11 23 0950	.3	1		44111	6	7800C	68000	1320	690	4<	1.5	11.5	1.5
MAXIMUM						**490000**	**4700000**	**3300**	**3700**	**380**	**20.0**	**11.5**	**4.2**
ARITH MEAN						**109420**	**551727**	**882**	**935**	**91**	**9.9**	**8.7**	**2.2**
GEOM MEAN						**38118**	**68268**	**468**	**249**	**28**	**6.3**	**8.6**	**2.0**
MINIMUM						**3200**	**1000**	**50**	**10**	**4**	**0.5**	**6.5**	**1.1**
STD DEV (GEOM *)						**5***	**9***	**4***	**7***	**5***	**7.4**	**1.4**	**0.9**
# SAMPLES (IN STATISTICS)						**10**	**11**	**8**	**9**	**5**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 26 1115	.3	1		0.800	0.570	7.100	9.900	0.140	1.900	9.140	2.800	11.940	464.6
81 02 24 1240	.3	1		0.255	0.093	0.175	2.100	0.139	7.600	7.914	1.925	9.839	383.6
81 03 23 0850	.3	1		0.141	0.111	0.155	0.750	0.027	4.070	4.252	0.595	4.847	564.5
81 04 27 0915	.3	1		0.315	0.200	0.150	1.250	0.026	5.470	5.646	1.100	6.746	617.4
81 05 25 0830	.3	1		0.164	0.034	0.095	1.360	0.150	4.400	4.645	1.265	5.910	664.4
81 06 22 0957	.3	1		1.490	0.140	0.420	5.800	0.159	12.200	12.779	5.380	18.159	1908.4
81 07 27 0850	.3	1		0.230	0.122	0.085	1.550	0.143	6.500	6.728	1.465	8.193	569.2
81 08 24 0855	.3	1		0.097	0.013	0.085	0.980	0.004	0.010<	0.099	0.895	0.994	560.2
81 09 28 0850	.3	1		0.046	0.008	0.005<	0.610	0.008	0.030	0.043	0.605	0.648	511.4
81 10 26 0850	.3	1		0.284	0.129	1.650	3.440	0.061	1.700	3.411	1.790	5.201	555.2
81 11 23 0950	.3	1		0.123	0.083	0.085	0.840	0.024	3.980	4.089	0.755	4.844	540.2
MAXIMUM				**1.490**	**0.570**	**7.100**	**9.900**	**0.159**	**12.200**	**12.779**	**5.380**	**18.159**	**1908.4**
ARITH MEAN				**0.359**	**0.137**	**1.000**	**2.598**	**0.080**	**4.785**	**5.865**	**1.768**	**7.633**	**667.2**
GEOM MEAN				**0.226**	**0.079**	**0.255**	**1.729**	**0.046**	**2.727**	**3.647**	**1.399**	**5.945**	**603.3**
MINIMUM				**0.046**	**0.008**	**0.085**	**0.610**	**0.004**	**0.030**	**0.043**	**0.595**	**0.648**	**383.6**
STD DEV (GEOM *)				**0.426**	**0.155**	**2.196**	**2.864**	**0.065**	**3.465**	**3.507**	**1.441**	**4.813**	**418.2**
# SAMPLES (IN STATISTICS)				**11**	**11**	**10**	**11**	**11**	**10**	**10**	**10**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 26 1115	.3	1		40.6	424.0	609.0	20.00	36.000	7.31
81 02 24 1240	.3	1		74.3	251.000	386.0	85.00	16.500	7.52
81 03 23 0850	.3	1		31.9	532.6	740.0	17.00	34.000	8.04
81 04 27 0915	.3	1		35.3	582.1	815.0	34.00	34.000	8.09
81 05 25 0830	.3	1		112.6	551.8	750.0	79.00	30.000	8.03
81 06 22 0957	.3	1		1642.0	266.4	384.0	1100.00	25.500	7.65
81 07 27 0850	.3	1		55.1	514.1	590.0	84.00	30.500	7.87
81 08 24 0855	.3	1		34.0	526.2	660.0	43.00	52.000	7.94
81 09 28 0850	.3	1		14.4	497.0	675.0	15.00	47.500	8.09
81 10 26 0850	.3	1		51.1	504.1	745.0	49.00	44.500	7.84
81 11 23 0950	.3	1		7.5	532.7	785.0	12.00	35.000	8.16
MAXIMUM				**1642.0**	**582.1**	**815.0**	**1100.00**	**52.000**	**8.16**
ARITH MEAN				**190.8**	**471.0**	**648.2**	**139.82**	**35.045**	**7.87**
GEOM MEAN				**51.3**	**455.4**	**629.8**	**47.41**	**33.601**	**7.86**
MINIMUM				**7.5**	**251.000**	**384.0**	**12.00**	**16.500**	**7.31**
STD DEV (GEOM *)				**482.2**	**112.0**	**148.3**	**319.68**	**10.081**	**0.27**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT HIGHWAY 76**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-032-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0442950.0 4724550.0 4** REGION: **01** DISTANCE: **106.375**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 02 24 1420		.3	1	44014	6 3	530.000	2100	11100	630	560	4	2.0	10.5
81 03 24 0800		.3	1	44025	6	30.800	1380C	2800	40I	10I	4<	4.0	10.0
81 04 28 0800		.3	1	44037	6	66.700	3500	10100	220	270	4<	10.0	10.0
81 05 26 0720		.3	1	44049	6	18.300	420C	11600	10I	110	4<	20.0	8.0
81 06 23 0750		.3	1	44061	6	44.600	2300C	54000	300	392	4	21.0	7.0
81 07 29 0755		.3	1	44073	6	15.000	1500	23000	130	400	4<	21.0	7.5
81 08 24 0750		.3	1	44085	6	7.490	620C	24000>	40I	20I	4<	21.0	7.5
81 09 28 0755		.3	1	44096	6	23.100	7000C	29000	172	44	4<	14.0	7.5
81 10 27 0720		.3	1	44107	6	118.000	5400C	32000	470	310	68	7.0	8.5
81 11 25 0800		.3	1	44118	6	48.300	3200	1800	700	220	4	2.0	10.5
		MAXIMUM				**530.000**	**7000**	**54000**	**700**	**560**	**68**	**21.0**	**10.5**
		ARITH MEAN				**90.229**	**2742**	**19489**	**271**	**234**	**20**	**12.2**	**8.7**
		GEOM MEAN				**40.914**	**2015**	**12519**	**148**	**132**	**8**	**8.8**	**8.6**
		MINIMUM				**7.490**	**420**	**1800**	**10**	**10**	**4**	**2.0**	**7.0**
		STD DEV (GEOM *)				**157.861**	**2***	**3***	**4***	**4***	**4***	**8.2**	**1.4**
		# SAMPLES (IN STATISTICS)				**10**	**10**	**9**	**10**	**10**	**4**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 02 24 1420		.3	1	3.2	0.335	0.107	0.220	1.450	0.045	6.200	6.465	1.230	7.695
81 03 24 0800		.3	1	2.0	0.070	0.023	0.105	0.660	0.052	6.350	6.507	0.555	7.062
81 04 28 0800		.3	1	1.2	0.375	0.142	0.010	0.570	0.032	5.570	5.612	0.560	6.172
81 05 26 0720		.3	1	2.5	0.130	0.008	0.035	0.980	0.028	4.800	4.863	0.945	5.808
81 06 23 0750		.3	1	2.9	0.375	0.035	0.095	1.700	0.043	3.600	3.738	1.605	5.343
81 07 29 0755		.3	1	3.3	0.345	0.023	0.035	1.400	0.016	0.900	0.951	1.365	2.316
81 08 24 0750		.3	1	3.5	0.286	0.022	0.020	1.420	0.012	1.420	1.452	1.400	2.852
81 09 28 0755		.3	1	1.9	0.123	0.035	0.005	0.870	0.011	5.100	5.116	0.865	5.981
81 10 27 0720		.3	1	1.1	0.158	0.080	0.030	0.930	0.052	8.000	8.082	0.900	8.982
81 11 25 0800		.3	1	2.9	0.104	0.048	0.030	0.790	0.033	7.020	7.083	0.760	7.843
		MAXIMUM		**3.5**	**0.375**	**0.142**	**0.220**	**1.700**	**0.052**	**8.000**	**8.082**	**1.605**	**8.982**
		ARITH MEAN		**2.4**	**0.230**	**0.052**	**0.058**	**1.077**	**0.032**	**4.896**	**4.987**	**1.018**	**6.005**
		GEOM MEAN		**2.3**	**0.196**	**0.038**	**0.035**	**1.014**	**0.028**	**4.113**	**4.207**	**0.959**	**5.574**
		MINIMUM		**1.1**	**0.070**	**0.008**	**0.005**	**0.570**	**0.011**	**0.900**	**0.951**	**0.555**	**2.316**
		STD DEV (GEOM *)		**0.9**	**0.124**	**0.043**	**0.066**	**0.385**	**0.016**	**2.314**	**2.339**	**0.364**	**2.115**
		# SAMPLES (IN STATISTICS)		**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3
81 02 24 1420		.3	1	371.0	118.0	230	354.0	90.00	14.000	21.000	2.46	9.300	13.0
81 03 24 0800		.3	1	449.50	19.60	429.90	680.0	6.90	50.000	49.500	2.020	12.600	222.0
81 04 28 0800		.3	1	561.00	150.90	410.10	589.0	160.00	27.500	46.000	1.200	0.000	234.0
81 05 26 0720		.3	1	446.20	77.50	368.70	585.0	47.00	36.500	51.500	0.060	3.700	215.0
81 06 23 0750		.3	1	633.40	241.70	391.70	590.0	150.00	40.000	55.000	1.140	3.700	205.0
81 07 29 0755		.3	1	636.80	230.60	406.20	505.0	150.00	43.000	60.000	0.380	11.600	187.0
81 08 24 0750		.3	1	590.4	204.0		570.0	150.00	47.00	61.500	1.420		206.0
81 09 28 0755		.3	1	467.40	52.90	414.50	635.0	34.00	33.000	50.000	2.040	0.000	230.0
81 10 27 0720		.3	1	451.30	43.40	407.90	645.0	27.00	24.500	39.000	3.200	2.000	247.0
81 11 25 0800		.3	1	439.10	14.20	424.90	675.0	10.00	29.000	45.000	1.960	0.000	268.0
		MAXIMUM		**636.80**	**241.70**	**429.90**	**680.0**	**160.00**	**50.000**	**61.500**	**3.200**	**12.600**	**268.0**
		ARITH MEAN		**504.6**	**115.2**	**387**	**582.8**	**82.49**	**34.45**	**47.850**	**1.58**	**7.150**	**202.7**
		GEOM MEAN		**497.0**	**79.4**	**381**	**574.2**	**52.00**	**32.54**	**46.153**	**1.10**	**5.778**	**167.6**
		MINIMUM		**371.0**	**14.20**	**230**	**354.0**	**6.90**	**14.000**	**21.000**	**0.060**	**2.000**	**13.0**
		STD DEV (GEOM *)		**92.7**	**87.1**	**61**	**96.2**	**64.46**	**11.07**	**11.626**	**0.94**	**4.571**	**70.5**
		# SAMPLES (IN STATISTICS)		**10**	**10**	**9**	**10**	**10**	**10**	**10**	**10**	**6**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 02 24 1420		.3	1	7.82	1.0 <	5.400	167.000	53.000		20.000	4.45	5.600	40
81 03 24 0800		.3	1	8.14	1.000<	0.810	284.000	84.000	18.000	15.000	2.65	29.500	39
81 04 28 0800		.3	1	8.30	2.500	5.650	302.000	94.500	16.000	44.000	3.05	13.500	26
81 05 26 0720		.3	1	8.14	1.000	2.750	281.000	80.000	19.600	1.000	3.00	19.100	14
81 06 23 0750		.3	1	8.09	1.000<	6.750	270.000	75.500	19.600	110.000	4.50	24.400	42
81 07 29 0755		.3	1	8.03	1.000<	6.700	212.000	55.000	18.200	90.000	5.25	31.000	38
81 08 24 0750		.3	1	8.32	1.000<	7.300	265.000	74.000	19.400	65.000	5.20	32.000	26
81 09 28 0755		.3	1	8.30	1.000<	0.870	292.000	84.500	19.600	11.000	2.00	18.200	29
81 10 27 0720		.3	1	8.16	1.000<	1.540	308.000	93.000	18.400	26.000	3.85	10.100	24
81 11 25 0800		.3	1	8.30	1.000<	0.600	366.000	105.000	25.200	13.000	2.95	13.200	28
		MAXIMUM		**8.32**	**2.500**	**7.300**	**366.000**	**105.000**	**25.200**	**110.000**	**5.25**	**32.000**	**42**
		ARITH MEAN		**8.16**	**1.750**	**3.837**	**274.700**	**79.850**	**19.333**	**39.500**	**3.69**	**19.660**	**31**
		GEOM MEAN		**8.16**	**1.581**	**2.664**	**269.346**	**78.183**	**19.203**	**22.384**	**3.53**	**17.371**	**29**
		MINIMUM		**7.82**	**1.000**	**0.600**	**167.000**	**53.000**	**16.000**	**1.000**	**2.00**	**5.600**	**14**
		STD DEV (GEOM *)		**0.16**	**1.061**	**2.775**	**54.019**	**16.501**	**2.492**	**37.044**	**1.12**	**9.258**	**9**
		# SAMPLES (IN STATISTICS)		**10**	**2**	**10**	**10**	**10**	**9**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **BIG CREEK**
SAMPLE POINT: **CONC.10 W.TILBURY TWP.W.OF STRANGFIELD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-033-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0374740.0 4672070.0 4** REGION: **01** DISTANCE: **16.737**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 26 1015		.3	1	44003	6	13000	42000	1600	950	4<	0.5	10.5	4.8
81 02 24 1045		.3	1	44009	6	2000	26000	100I	1500>	4<	1.5	8.5	2.6
81 03 23 1100		.3	1	44021	6	5200	12800	10I	20I	4<	5.0	10.5	1.2
81 04 27 1145		.3	1	44032	6	8600	18000	390	20I	20	13.0	10.0	12.0
81 05 25 1100		.3	1	44045	6	18000	99000	370	108	4<	20.0	7.5	1.3
81 06 22 1300		.3	1	44057	6	360000C	4000000	8000	1500>	384C	20.0	6.0	4.0
81 07 27 1100		.3	1	44069	6	30000I	130000	5000I	3300	20I	21.0	7.0	1.7
81 08 24 1110		.3	1	44081	6	7000	40000	100<	200I	4<	23.0		1.5
81 09 28 1105		.3	1	44092	6	3000C	48000	192	136	4<	12.5	8.0	1.7
81 10 26 1105		.3	1	44103	6 9	35000	85000	620	108	8	10.0	6.0	1.1
81 11 23 1150		.3	1	44114	6 9	11000	110000	940	600>	16	2.0	9.5	2.4
MAXIMUM						**360000**	**4000000**	**8000**	**3300**	**384**	**23.0**	**10.5**	**12.0**
ARITH MEAN						**44800**	**419164**	**1722**	**605**	**90**	**11.7**	**8.3**	**3.1**
GEOM MEAN						**13023**	**71039**	**503**	**158**	**29**	**7.1**	**8.2**	**2.3**
MINIMUM						**2000**	**12800**	**10**	**20**	**8**	**0.5**	**6.0**	**1.1**
STD DEV (GEOM *)						**4***	**5***	**7***	**6***	**4***	**8.5**	**1.7**	**3.2**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**8**	**5**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 26 1015		.3	1	0.318	0.215	1.000	2.560	0.055	2.400	3.455	1.560	5.015	486.0
81 02 24 1045		.3	1	0.310	0.132	0.185	2.400	0.197	8.100	8.482	2.215	10.697	430.6
81 03 23 1100		.3	1	0.054	0.019	0.050	0.750	0.020	3.380	3.450	0.700	4.150	658.6
81 04 27 1145		.3	1	0.375	0.005	7.350	11.300	0.091	1.540	8.981	3.950	12.931	504.4
81 05 25 1100		.3	1	0.039	0.006	0.025	1.010	0.098	3.000	3.123	0.985	4.108	590.5
81 06 22 1300		.3	1	1.190	0.194	1.300	6.200	0.500	16.500	18.300	4.900	23.200	1845.2
81 07 27 1100		.3	1	0.400	0.186	0.155	1.850	0.194	4.600	4.949	1.695	6.644	540.4
81 08 24 1110		.3	1	0.208	0.080	0.045	1.100	0.007	0.010<	0.062	1.055	1.117	621.6
81 09 28 1105		.3	1	0.096	0.039	0.020	1.040	0.055	2.000	2.075	1.020	3.095	626.2
81 10 26 1105		.3	1	0.162	0.098	0.015	1.240	0.054	6.200	6.269	1.225	7.494	558.0
81 11 23 1150		.3	1	0.126	0.075	0.085	1.160	0.034	1.040	1.159	1.075	2.234	617.9
MAXIMUM				**1.190**	**0.215**	**7.350**	**11.300**	**0.500**	**16.500**	**18.300**	**4.900**	**23.200**	**1845.2**
ARITH MEAN				**0.298**	**0.095**	**0.930**	**2.783**	**0.119**	**4.876**	**6.024**	**1.932**	**7.957**	**679.9**
GEOM MEAN				**0.195**	**0.055**	**0.140**	**1.873**	**0.067**	**3.526**	**4.558**	**1.593**	**6.274**	**623.1**
MINIMUM				**0.039**	**0.005**	**0.015**	**0.750**	**0.007**	**1.040**	**1.159**	**0.700**	**2.234**	**430.6**
STD DEV (GEOM *)				**0.322**	**0.077**	**2.174**	**3.216**	**0.141**	**4.635**	**5.029**	**1.400**	**6.332**	**392.6**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**10**	**10**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 26 1015		.3	1	35.3	450.7	650.0	33.00	91.000	7.62
81 02 24 1045		.3	1	83.7	242.000	372.0	110.00	23.000	7.50
81 03 23 1100		.3	1	20.2	638.4	850.0	17.00	50.500	8.14
81 04 27 1145		.3	1	81.8	422.6	705.0	28.00	56.000	7.80
81 05 25 1100		.3	1	12.3	578.2	805.0	11.00	39.500	8.00
81 06 22 1300		.3	1	1453.6	391.6	472.0	1080.00	34.000	7.50
81 07 27 1100		.3	1	101.2	439.2	510.0	180.00	39.500	7.64
81 08 24 1110		.3	1	76.4	545.2	735.0	85.00	96.000	8.05
81 09 28 1105		.3	1	25.7	600.5	820.0	30.00	70.000	8.07
81 10 26 1105		.3	1	21.8	536.2	750.0	38.00	30.000	7.86
81 11 23 1150		.3	1	21.3	596.6	865.0	32.00	47.000	8.06
MAXIMUM				**1453.6**	**638.4**	**865.0**	**1080.00**	**96.000**	**8.14**
ARITH MEAN				**175.8**	**494.6**	**684.9**	**149.45**	**52.409**	**7.84**
GEOM MEAN				**52.3**	**479.2**	**663.5**	**54.03**	**47.798**	**7.84**
MINIMUM				**12.3**	**242.000**	**372.0**	**11.00**	**23.000**	**7.50**
STD DEV (GEOM *)				**425.0**	**117.5**	**165.7**	**312.74**	**24.050**	**0.24**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **DINGMAN CREEK**
SAMPLE POINT: **AT WELLINGTON ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-037-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0483050.0 4750850.0 4** REGION: **01** DISTANCE: **208.726**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 21 1040		3	1	43011	4	500I	10000	68	52	4<	1.0	11.0	1.3
81 02 18 1020		3	1	43022	3	7500C	58000	1300	1500>	4<	1.0	10.0	6.4
81 03 18 1035		3	1	43052	6	910	1400	50I	40I	4<	0.0	9.5	0.3
81 04 22 1005		3	1	43074	6	8100	11000	92	20	4<	7.0	11.0	1.1
81 05 20 1101		3	1	43096	6	1200	18000	164	64	4<	14.0	10.5	2.5
81 06 18 1040		3	1	43118	6	26000	110000	610	164	4<	20.2	10.0	3.2
81 07 23 1055		3	1	43140	6	4000I	26000	460	230	4<	19.5	9.0	0.7
81 09 24 1045		3	1	43162	6	6600	20000	650	1040	4	11.0	9.0	2.2
81 10 22 1045		3	1	43184	5	11000	60000	940	850	16	7.0	9.0	1.8
81 11 19 1020		3		43208	6	500I	3200	150	270	4<	5.5	10.0	1.6
81 12 17 1055		3	1	43232	6	800I	8100	196	92	4	0.0	9.0	2.0
MAXIMUM						**26000**	**110000**	**1300**	**1040**	**16**	**20.2**	**11.0**	**6.4**
ARITH MEAN						**6101**	**29609**	**425**	**282**	**8**	**9.6**	**9.8**	**2.1**
GEOM MEAN						**2848**	**15702**	**258**	**136**	**6**	**6.3**	**9.8**	**1.6**
MINIMUM						**500**	**1400**	**50**	**20**	**4**	**1.0**	**9.0**	**0.3**
STD DEV (GEOM *)						**4***	**4***	**3***	**4***	**2***	**7.2**	**0.8**	**1.6**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**3**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 21 1040		3	1	0.061	0.026	0.350	1.100	0.015	1.880	2.245	0.750	2.995	458.6
81 02 18 1020		3	1	0.345	0.180	0.690	1.950	0.042	2.110	2.842	1.260	4.102	220.4
81 03 18 1035		3	1	0.057	0.020	0.090	0.730	0.021	4.500	4.611	0.640	5.251	449.7
81 04 22 1005		3	1	0.047	0.011	0.015	0.820	0.020	4.900	4.935	0.805	5.740	459.9
81 05 20 1101		3	1	0.061	0.005	0.010	0.910	0.029	1.900	1.939	0.900	2.839	443.6
81 06 18 1040		3	1	0.095	0.009	0.015	1.280	0.136	2.140	2.291	1.265	3.556	558.4
81 07 23 1055		3	1	0.094	0.019	0.020	0.660	0.009	0.160	0.189	0.640	0.829	385.9
81 09 24 1045		3	1	0.120	0.052	0.095	1.260	0.064	6.840	6.999	1.165	8.164	538.6
81 10 22 1045		3	1	0.113	0.043	0.045	0.990	0.048	7.000	7.093	0.945	8.038	523.7
81 11 19 1020		3		0.056	0.018	0.015	0.890	0.042	4.000	4.057	0.875	4.932	517.8
81 12 17 1055		3	1	0.058	0.028	0.050	0.790	0.039	4.500	4.589	0.740	5.329	537.6
MAXIMUM				**0.345**	**0.180**	**0.690**	**1.950**	**0.136**	**7.000**	**7.093**	**1.265**	**8.164**	**558.4**
ARITH MEAN				**0.101**	**0.037**	**0.127**	**1.035**	**0.042**	**3.630**	**3.799**	**0.908**	**4.707**	**463.1**
GEOM MEAN				**0.083**	**0.023**	**0.048**	**0.987**	**0.033**	**2.669**	**2.879**	**0.883**	**4.089**	**451.0**
MINIMUM				**0.047**	**0.005**	**0.010**	**0.660**	**0.009**	**0.160**	**0.189**	**0.640**	**0.829**	**220.4**
STD DEV (GEOM *)				**0.085**	**0.049**	**0.211**	**0.365**	**0.035**	**2.181**	**2.141**	**0.230**	**2.191**	**96.2**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PCB TOTAL NG/L
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*P1PCBT*
81 01 21 1040		3	1	5.7	452.9	750.0	5.20	49.500	7.75	
81 02 18 1020		3	1	58.1	152.000	234.0	22.00	20.500	7.45	20<W
81 03 18 1035		3	1	19.9	429.8	710.0	13.00	51.000	7.99	
81 04 22 1005		3	1	10.0	449.9	670.0	12.00	47.000	8.02	20<W
81 05 20 1101		3	1	9.7	433.9	635.0	5.90	45.000	8.05	20<W
81 06 18 1040		3	1	18.2	540.2	790.0	13.00	86.000	8.03	20<W
81 07 23 1055		3	1	34.4	251.5	540.0	17.00	34.000	8.13	20<W
81 09 24 1045		3	1	18.9	519.7	820.0	10.00	71.000	8.02	20<W
81 10 22 1045		3	1	18.9	504.8	805.0	15.00	71.000	7.83	20<W
81 11 19 1020		3		8.4	509.4	770.0	4.00	50.500	8.04	20<W
81 12 17 1055		3	1	8.4	529.2	800.0	5.80	56.500	8.16	
MAXIMUM				**58.1**	**540.2**	**820.0**	**22.00**	**86.000**	**8.16**	
ARITH MEAN				**19.1**	**433.9**	**684.0**	**11.17**	**52.909**	**7.95**	
GEOM MEAN				**15.2**	**410.3**	**652.9**	**9.81**	**49.733**	**7.95**	
MINIMUM				**5.7**	**152.000**	**234.0**	**4.00**	**20.500**	**7.45**	
STD DEV (GEOM *)				**15.3**	**123.2**	**172.1**	**5.64**	**18.135**	**0.20**	
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT COUNTY ROAD 48 WOODSTOCK**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-038-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0518850.0 4776700.0 4** REGION: **01** DISTANCE: **261.028**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 21 1400		.3 1	43017	6 8	0.507	100	260	4	4<	4<	1.0	10.5
81 02 18 1300		.3 1	43026	3	19.800	6300C	105000	950	600>	12	0.0	10.5
81 03 18 1310		.3 1	43058	6	1.840	10I	110	10<	10<	4<	0.0	11.0
81 04 22 1345		.3 1	43080	6	1.360	44	372	4<	4<	4<	10.0	11.5
81 05 20 1325		.3 1	43102	6 8	2.450	20C	4300	4<	4<	4<	16.0	11.5
81 06 18 1301		.3 1	43124	6	0.374	170C	24000>	88	40	4<	23.5	15.5
81 07 23 1400		.3 1	43146	6	0.449	120C	24000>	48	40	4<	22.0	12.5
81 09 23 1400		.3 1	43168	6	4.810	140	1900	28	28	4<	16.0	11.0
81 10 22 1315		.3 1	43190	6	4.750	1100	2000	360	100	4<	7.0	10.5
81 11 19 1330		.3 1	43214	6	1.460	100<	200	20I	10I	4<	5.0	10.0
81 12 17 1330		.3 1	43238	6	0.872	6300	9100	600>	276	16	1.0	5.5
MAXIMUM					**19.800**	**6300**	**105000**	**950**	**276**	**16**	**23.5**	**15.5**
ARITH MEAN					**3.516**	**1430**	**13694**	**214**	**82**	**14**	**11.3**	**10.9**
GEOM MEAN					**1.680**	**201**	**1476**	**61**	**48**	**14**	**7.1**	**10.6**
MINIMUM					**0.374**	**10**	**110**	**4**	**10**	**12**	**1.0**	**5.5**
STD DEV (GEOM *)					**5.626**	**9***	**9***	**6***	**3***	**1***	**8.5**	**2.3**
# SAMPLES (IN STATISTICS)					11	10	9	7	6	2	9	11

TEST-NAME:	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 21 1400		.3 1	1.4	0.043	0.012	0.500	1.010	0.028	3.520	4.048	0.510	4.558
81 02 18 1300		.3 1	5.3	0.246	0.157	0.950	2.300	0.043	3.600	4.593	1.350	5.943
81 03 18 1310		.3 1	0.9	0.073	0.039	0.210	0.860	0.036	7.100	7.346	0.650	7.996
81 04 22 1345		.3 1	4.4	0.049	0.003	0.005	0.960	0.042	5.600	5.647	0.955	6.602
81 05 20 1325		.3 1	4.5	0.078	0.001	0.060	1.190	0.059	4.500	4.619	1.130	5.749
81 06 18 1301		.3 1	3.3	0.065	0.002	0.015	0.280	0.082	2.020	2.117	0.265	2.382
81 07 23 1400		.3 1	5.0	0.086	0.001	0.025	1.440	0.047	0.710	0.782	1.415	2.197
81 09 23 1400		.3 1	3.6	0.092	0.004	0.110	1.360	0.056	0.950	1.116	1.250	2.366
81 10 22 1315		.3 1	3.1	0.093	0.002	0.180	1.320	0.049	5.600	5.829	1.140	6.969
81 11 19 1330		.3 1	2.4	0.071	0.002	0.310	1.150	0.029	5.200	5.539	0.840	6.379
81 12 17 1330		.3 1	2.2	0.077	0.044	0.155	0.830	0.050	7.500	7.705	0.675	8.380
MAXIMUM			**5.3**	**0.246**	**0.157**	**0.950**	**2.300**	**0.082**	**7.500**	**7.705**	**1.415**	**8.380**
ARITH MEAN			**3.3**	**0.088**	**0.024**	**0.229**	**1.155**	**0.047**	**4.209**	**4.486**	**0.925**	**5.411**
GEOM MEAN			**2.9**	**0.079**	**0.006**	**0.101**	**1.042**	**0.045**	**3.388**	**3.672**	**0.840**	**4.886**
MINIMUM			**0.9**	**0.043**	**0.001**	**0.005**	**0.280**	**0.028**	**0.710**	**0.782**	**0.265**	**2.197**
STD DEV (GEOM *)			**1.5**	**0.055**	**0.047**	**0.281**	**0.498**	**0.015**	**2.294**	**2.318**	**0.370**	**2.240**
# SAMPLES (IN STATISTICS)			11	11	11	11	11	11	11	11	11	11

TEST-NAME:	RST	RSP	RSF	COND25	TURB	CLIDUR	PH
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 21 1400		.3 1	602.5	4.9	597.6	840.0	3.20	36.000	7.78
81 02 18 1300		.3 1	290.9	21.7	269.2	415.0	9.40	33.500	7.53
81 03 18 1310		.3 1	407.4	7.4	400.0	610.0	4.30	26.500	8.13
81 04 22 1345		.3 1	423.2	11.1	412.1	570.0	3.40	31.500	8.25
81 05 20 1325		.3 1	434.7	16.2	418.5	610.0	5.80	33.500	8.14
81 06 18 1301		.3 1	403.6	25.3	378.3	560.0	6.50	34.000	8.30
81 07 23 1400		.3 1	375.5	17.5	358.0	540.0	6.30	33.500	8.35
81 09 23 1400		.3 1	382.0	20.6	361.4	555.0	8.30	33.000	8.12
81 10 22 1315		.3 1	492.0	21.2	470.8	730.0	9.30	35.000	8.14
81 11 19 1330		.3 1	543.8	21.9	521.9	780.0	9.30	32.500	8.04
81 12 17 1330		.3 1	585.4	3.4	582.0	870.0	2.30	40.000	8.09
MAXIMUM			**602.5**	**25.3**	**597.6**	**870.0**	**9.40**	**40.000**	**8.35**
ARITH MEAN			**449.2**	**15.6**	**433.6**	**643.6**	**6.19**	**33.545**	**8.08**
GEOM MEAN			**439.8**	**13.2**	**423.0**	**629.5**	**5.61**	**33.398**	**8.08**
MINIMUM			**290.9**	**3.4**	**269.2**	**415.0**	**2.30**	**26.500**	**7.53**
STD DEV (GEOM *)			**96.2**	**7.6**	**100.5**	**141.9**	**2.64**	**3.244**	**0.24**
# SAMPLES (IN STATISTICS)			11	11	11	11	11	11	11

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT PEMBERTON STREET INGERSOLL**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD016**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-039-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0510000.0 4765650.0 4** REGION: **01** DISTANCE: **245.257**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 21 1255 / 3 / 1	43015	6 8	1 210	2700	4300	564	80	4<	0 0	14 0
81 02 18 1130 / 3 / 1	43025	3	37 900	34000	178000	2100	1500>	16	0 0	11 0
81 03 18 1200 / 3 / 1	43056	6	3 980	70I	1620	110	70I	4<	0 0	14 0
81 04 22 1125 / 3 / 1	43078	6	3 720	750C	7500	70I	4<	4<	8 0	15 5
81 05 20 1230 / 3 / 1	43100	6	4 790	2100	25000	48	16	4<	15 0	12 1
81 06 18 1201 / 3 / 1	43122	6	1 900	2300	15500	300	160	4<	20 0	12 2
81 07 23 1225 / 3 / 1	43144	6	1 080	1200	18000	180	200	4<	20 0	10 0
81 09 23 1310 / 3 / 1	43166	6	8 490	380C	3900	230	120	4	14 5	9 5
81 10 22 1220 / 3 / 1	43188	6	10 000	2500	8700	260	240	4<	7 0	9 5
81 11 19 1240 / 3 / 1	43212	6	3 480	200I	800	10I	90I	4<	6 5	11 0
81 12 17 1245 / 3 / 1	43236	6	2 620	2800	4100	112	24	4	1 0	6 0
MAXIMUM			**37 900**	**34000**	**178000**	**2100**	**240**	**16**	**20 0**	**15 5**
ARITH MEAN			**7 197**	**4455**	**24311**	**362**	**111**	**8**	**11 5**	**11 3**
GEOM MEAN			**4 076**	**1278**	**7875**	**158**	**83**	**6**	**8 7**	**11 0**
MINIMUM			**1 080**	**70**	**800**	**10**	**16**	**4**	**1 0**	**6 0**
STD DEV (GEOM *)			**10 567**	**5***	**4***	**4***	**3***	**2***	**6 9**	**2 6**
# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**9**	**3**	**8**	**11**

TEST-NAME:	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 21 1255 / 3 / 1	1 9	0 114	0 085	0 335	0 730	0 147	5 500	5 982	0 395	6 377
81 02 18 1130 / 3 / 1	6 6	0 710	0 172	0 655	2 520	0 049	3 400	4 104	1 865	5 969
81 03 18 1200 / 3 / 1	0 9	0 048	0 022	0 070	0 650	0 072	6 600	6 742	0 580	7 322
81 04 22 1125 / 3 / 1	1 9	0 060	0 001	0 025	0 840	0 049	5 000	5 074	0 815	5 889
81 05 20 1230 / 3 / 1	3 9	0 111	0 002	0 080	0 970	0 088	4 700	4 868	0 890	5 758
81 06 18 1201 / 3 / 1	1 9	0 155	0 068	0 315	1 160	0 194	4 010	4 519	0 845	5 364
81 07 23 1225 / 3 / 1	2 3	0 180	0 123	0 220	0 960	0 072	2 130	2 422	0 740	3 162
81 09 23 1310 / 3 / 1	2 2	0 146	0 003	0 015	1 200	0 036	2 260	2 311	1 185	3 496
81 10 22 1220 / 3 / 1	3 2	0 098	0 004	0 080	1 090	0 053	5 300	5 433	1 010	6 443
81 11 19 1240 / 3 / 1	2 3	0 083		0 040	0 780	0 050	5 400	5 490	0 740	6 230
81 12 17 1245 / 3 / 1	2 1	0 115	0 085	0 045	0 610	0 060	7 300	7 405	0 565	7 970
MAXIMUM	**6 6**	**0 710**	**0 172**	**0 655**	**2 520**	**0 194**	**7 300**	**7 405**	**1 865**	**7 970**
ARITH MEAN	**2 7**	**0 165**	**0 056**	**0 171**	**1 046**	**0 079**	**4 691**	**4 941**	**0 875**	**5 816**
GEOM MEAN	**2 4**	**0 123**	**0 019**	**0 093**	**0 965**	**0 069**	**4 391**	**4 666**	**0 809**	**5 628**
MINIMUM	**0 9**	**0 048**	**0 001**	**0 015**	**0 610**	**0 036**	**2 130**	**2 311**	**0 395**	**3 162**
STD DEV (GEOM *)	**1 5**	**0 185**	**0 060**	**0 197**	**0 528**	**0 049**	**1 633**	**1 584**	**0 394**	**1 430**
# SAMPLES (IN STATISTICS)	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

TEST-NAME:	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	SIO3UR	ACDT	ALKT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3
81 01 21 1255 / 3 / 1	605 80	7 20	598 60	970 0	2 00	68 000	135 000	3 640	19 400	265 0
81 02 18 1130 / 3 / 1	634 00	179 10	454 90	460 0	38 00	37 500	35 500		11 600	141 0
81 03 18 1200 / 3 / 1	475 70	5 00	470 70	740 0	2 70	52 000	68 000		7 800	220 0
81 04 22 1125 / 3 / 1	517 20	6 10	511 10	730 0	4 10	53 000	79 500			210 0
81 05 20 1230 / 3 / 1	521 2	23 5	497 7	710 0	5 40	48 000				
81 06 18 1201 / 3 / 1	543 90	27 90	516 00	795 0	8 00	68 000	90 000	3 060		212 0
81 07 23 1225 / 3 / 1	583 20	13 30	569 90	850 0	5 70	74 000	135 000	3 120		199 0
81 09 23 1310 / 3 / 1	452 30	27 20	425 10	640 0	6 50	41 000	78 500	2 100	0 000	195 0
81 10 22 1220 / 3 / 1	497 30	13 90	484 40	755 0	6 10	42 000	81 500	2 260	3 900	239 0
81 11 19 1240 / 3 / 1	567 80	4 30	563 50	830 0	3 90	57 000	96 000	3 080	3 900	263 0
81 12 17 1245 / 3 / 1	599 30	1 60	597 70	900 0	8 00	59 500	92 000	3 140	0 000	278 0
MAXIMUM	**634 00**	**179 10**	**598 60**	**970 0**	**38 00**	**74 000**	**135 000**	**3 640**	**19 400**	**278 0**
ARITH MEAN	**545 2**	**28 1**	**517 2**	**761 8**	**8 22**	**54 545**	**89 100**	**2 914**	**9 320**	**222 2**
GEOM MEAN	**542 4**	**12 2**	**514 2**	**749 2**	**5 81**	**53 325**	**84 141**	**2 868**	**7 679**	**218 5**
MINIMUM	**452 30**	**1 60**	**425 10**	**460 0**	**2 00**	**37 500**	**35 500**	**2 100**	**3 900**	**141 0**
STD DEV (GEOM *)	**57 9**	**50 9**	**58 3**	**136 4**	**10 07**	**12 059**	**29 535**	**0 542**	**6 478**	**40 9**
# SAMPLES (IN STATISTICS)	**11**	**11**	**11**	**11**	**11**	**11**	**10**	**7**	**5**	**10**

TEST-NAME:	PH	PHNOL	FEUT	HARDT	CAUR	MGUR	COLAP	KKUR	NAUR	COD
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
81 01 21 1255 / 3 / 1	8 02		0 160	425 000	126 000	26 600	14 000	4 35	42 000	29
81 02 18 1130 / 3 / 1	7 61		4 800	182 000	55 500	10 400	28 000	4 85	20 400	44
81 03 18 1200 / 3 / 1	8 29		0 180	327 000	96 000	21 200	18 000	3 05	27 200	32
81 04 22 1125 / 3 / 1	8 43		0 170	314 000	88 000	22 800	27 000	3 20	31 500	60
81 05 20 1230 / 3 / 1	8 23									
81 06 18 1201 / 3 / 1	8 30	1 000<	0 550	332 000	98 000	21 200	31 000	4 75	39 500	36
81 07 23 1225 / 3 / 1	8 30	1 000<	0 320	339 000	92 000	26 400	31 000	5 10	46 500	27
81 09 23 1310 / 3 / 1	8 35		0 590	287 000	79 000	21 800	29 000	4 05	29 000	25
81 10 22 1220 / 3 / 1	8 12	1 000<	0 520	357 000	104 000	23 600	36 000	3 90	21 400	30
81 11 19 1240 / 3 / 1	8 08	1 000<	0 160	398 000	114 000	27 400	20 000	3 10	28 500	16
81 12 17 1245 / 3 / 1	8 34	1 000<	0 140	400 000	115 000	27 200	13 000	3 35	36 500	19
MAXIMUM	**8 43**		**4 800**	**425 000**	**126 000**	**27 400**	**36 000**	**5 10**	**46 500**	**60**
ARITH MEAN	**8 19**		**0 759**	**336 100**	**96 750**	**22 860**	**24 700**	**3 97**	**32 250**	**32**
GEOM MEAN	**8 19**		**0 351**	**328 380**	**94 595**	**22 171**	**23 422**	**3 90**	**31 187**	**30**
MINIMUM	**7 61**		**0 140**	**182 000**	**55 500**	**10 400**	**13 000**	**3 05**	**20 400**	**16**
STD DEV (GEOM *)	**0 23**		**1 431**	**69 129**	**20 157**	**5 038**	**7 889**	**0 77**	**8 677**	**13**
# SAMPLES (IN STATISTICS)	**11**		**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **MIDDLE THAMES RIVER**
SAMPLE POINT: **AT 2ND.CONC.RD.SOUTH OF THAMESFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-041-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0500000.0 4764125.0 4** REGION: **01** DISTANCE: **239.786**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 21 1450		.3	1	43019	4	0.700	450	2000	88	64	4<	1.0	10.5
81 03 18 1425		.3	1	43060	6	1.950	20I	220	10<	10<	4<	0.0	9.0
81 04 22 1420		.3	1	43082	6	2.880	10I	2040	4<	4<	4<	10.0	12.5
81 05 20 1405		.3	1	43104	6	1.830	100C	6200	4	4<	4<	18.5	11.5
81 06 18 1345		.3	1	43126	6	0.783			92	40	4<	22.0	13.0
81 07 23 1440		.3	1	43148	9.5	0.510	70C	9000	44	68	4<	24.5	14.0
81 09 23 1510		.3	1	43170	6	4.760	320	2900	108	92	4<	14.0	12.0
81 10 22 1430		.3	1	43192	6	8.250	4600	11000	1500>	950	4<	7.0	11.5
81 11 19 1435		.3	1	43216	6	1.850	100I	400	40I	30I	4<	5.0	10.5
81 12 17 1430		.3	1	43240	6	1.360	44	492	12	24	4<	0.0	7.0
MAXIMUM						**8.250**	**4600**	**11000**	**108**	**950**		**24.5**	**14.0**
ARITH MEAN						**2.487**	**635**	**3806**	**55**	**181**		**12.7**	**11.1**
GEOM MEAN						**1.759**	**117**	**1895**	**36**	**73**		**9.1**	**11.0**
MINIMUM						**0.510**	**10**	**220**	**4**	**24**		**1.0**	**7.0**
STD DEV (GEOM *)						**2.379**	**6***	**4***	**3***	**3***		**8.4**	**2.0**
# SAMPLES (IN STATISTICS)						**10**	**9**	**9**	**7**	**7**		**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 21 1450		.3	1	3.7	0.129	0.026	0.305	0.980	0.041	5.110	5.456	0.675	6.131
81 03 18 1425		.3	1	0.5	0.032	0.017	0.125	0.620	0.019	6.900	7.044	0.495	7.539
81 04 22 1420		.3	1	1.4	0.038	0.002	0.035	0.630	0.024	6.900	6.959	0.595	7.554
81 05 20 1405		.3	1	5.7	0.017	0.001	0.010	0.580	0.037	5.600	5.647	0.570	6.217
81 06 18 1345		.3	1	2.8	0.080	0.002	0.005	0.940	0.044	2.110	2.159	0.935	3.094
81 07 23 1440		.3	1	0.8	0.080	0.003	0.015	0.950	0.029	2.650	2.694	0.935	3.629
81 09 23 1510		.3	1	0.8	0.040	0.013	0.040	0.700	0.030	10.500	10.570	0.660	11.230
81 10 22 1430		.3	1	2.3	0.053	0.014	0.075	0.880	0.035	10.300	10.410	0.805	11.215
81 11 19 1435		.3	1	1.3	0.015	0.001	0.060	0.590	0.030	6.300	6.390	0.530	6.920
81 12 17 1430		.3	1	1.6	0.026	0.013	0.150	0.600	0.041	6.900	7.091	0.450	7.541
MAXIMUM				**5.7**	**0.129**	**0.026**	**0.305**	**0.980**	**0.044**	**10.500**	**10.570**	**0.935**	**11.230**
ARITH MEAN				**2.1**	**0.051**	**0.009**	**0.082**	**0.747**	**0.033**	**6.327**	**6.442**	**0.665**	**7.107**
GEOM MEAN				**1.6**	**0.041**	**0.005**	**0.044**	**0.730**	**0.032**	**5.694**	**5.810**	**0.645**	**6.614**
MINIMUM				**0.5**	**0.015**	**0.001**	**0.005**	**0.580**	**0.019**	**2.110**	**2.159**	**0.450**	**3.094**
STD DEV (GEOM *)				**1.6**	**0.036**	**0.009**	**0.092**	**0.169**	**0.008**	**2.739**	**2.745**	**0.174**	**2.676**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 21 1450		.3	1	514.3	38.5	475.8	730.0	15.00	27.500	7.84
81 03 18 1425		.3	1	403.6	4.8	398.8	640.0	2.00	22.000	8.26
81 04 22 1420		.3	1	413.6	2.5	411.1	620.0	0.85	23.500	8.28
81 05 20 1405		.3	1	366.0	5.8	360.2	560.0	1.50	22.000	8.28
81 06 18 1345		.3	1	442.1	17.0	425.1	620.0	2.60	27.000	8.27
81 07 23 1440		.3	1	395.0	14.2	380.9	585.0	3.60	29.500	8.40
81 09 23 1510		.3	1	468.2	3.3	464.9	715.0	0.85	26.000	8.21
81 10 22 1430		.3	1	464.8	7.8	457.0	715.0	3.30	25.500	8.07
81 11 19 1435		.3	1	452.3	2.0	450.3	690.0	0.80	24.000	8.22
81 12 17 1430		.3	1	448.3	0.6	447.7	690.0	0.50	23.500	8.13
MAXIMUM				**514.3**	**38.5**	**475.8**	**730.0**	**15.00**	**29.500**	**8.40**
ARITH MEAN				**436.8**	**9.6**	**427.2**	**656.5**	**3.10**	**25.050**	**8.20**
GEOM MEAN				**434.9**	**5.4**	**425.6**	**654.0**	**1.82**	**24.941**	**8.19**
MINIMUM				**366.0**	**0.6**	**360.2**	**560.0**	**0.50**	**22.000**	**7.84**
STD DEV (GEOM *)				**42.9**	**11.5**	**38.5**	**59.5**	**4.32**	**2.477**	**0.15**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT FIRST BRIDGE DOWNSTREAM OF INGERSOLL**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD016**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-042-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0502875.0 4762650.0 4** REGION: **01** DISTANCE: **239.786**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 21 1200		.3	1	43014	4	1.210	5800	4800	600>	144	4<	0.0	11.5
81 02 18 1115		.3	1	43024	3	37.900	12400C	100000	3300	1500>	40	0.0	10.0
81 03 18 1140		.3	1	43055	6	3.980	960	1820	80I	30I	4<	0.0	10.5
81 04 22 1100		.3	1	43077	6	3.720	5100C	7700	44	8	4<	8.0	12.0
81 05 20 1200		.3	1	43099	6.9	4.790	4600	24000	272	8	4<	15.0	8.0
81 06 18 1141		.3	1	43121	6	1.900	10000	33000	880	128	8	18.8	9.5
81 07 23 1205		.3	1	43143	6	1.080	1100	16000	280	200	4<	19.5	8.5
81 09 24 1450		.3	1	43165	6	7.210	620C	2600	450	190	8	15.0	10.0
81 10 22 1410		.3	1	43187	6	10.000	2000	6800	360	350	4	7.5	9.5
81 11 19 1420		.3		43211	6	3.480	400I	2500	40I	40I	4<	6.0	10.5
81 12 17 1415		.3	1	43235	6	2.620	264	880	36	16	4<	0.0	
MAXIMUM						**37.900**	**12400**	**100000**	**3300**	**350**	**40**	**19.5**	**12.0**
ARITH MEAN						**7.081**	**3931**	**18191**	**574**	**111**	**15**	**12.8**	**10.0**
GEOM MEAN						**4.016**	**2024**	**7337**	**212**	**56**	**10**	**11.7**	**9.9**
MINIMUM						**1.080**	**264**	**880**	**36**	**8**	**4**	**6.0**	**8.0**
STD DEV (GEOM *)						**10.558**	**4***	**4***	**4***	**4***	**3***	**5.6**	**1.2**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**10**	**4**	**7**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
81 01 21 1200		.3	1	1.6	0.132	0.096	0.245	0.670	0.225	6.030	6.500	0.425	6.925
81 03 18 1140		.3	1	0.8	0.057	0.017	0.120	0.680	0.083	6.100	6.303	0.560	6.863
81 04 22 1100		.3	1	1.8	0.055	0.002	0.040	0.680	0.063	5.000	5.103	0.640	5.743
81 05 20 1200		.3	1	3.8	0.128	0.003	0.040	1.080	0.087	4.800	4.927	1.040	5.967
81 06 18 1141		.3	1	1.9	0.220	0.131	0.145	0.900	0.150	3.350	3.645	0.755	4.400
81 07 23 1205		.3	1	3.2	0.170	0.052	0.140	0.990	0.077	3.020	3.237	0.850	4.087
81 09 24 1450		.3	1	2.0	0.126	0.008	0.025	1.200	0.031	2.670	2.726	1.175	3.901
81 10 22 1410		.3	1	3.1	0.090	0.006	0.060	1.030	0.044	5.600	5.704	0.970	6.674
81 12 17 1415		.3	1	1.5	0.090	0.062	0.065	0.550	0.078	6.900	7.043	0.485	7.528
MAXIMUM				**3.8**	**0.220**	**0.131**	**0.245**	**1.200**	**0.225**	**6.900**	**7.043**	**1.175**	**7.528**
ARITH MEAN				**2.2**	**0.119**	**0.042**	**0.098**	**0.864**	**0.093**	**4.830**	**5.021**	**0.767**	**5.788**
GEOM MEAN				**2.0**	**0.108**	**0.018**	**0.077**	**0.837**	**0.079**	**4.600**	**4.791**	**0.726**	**5.636**
MINIMUM				**0.8**	**0.055**	**0.002**	**0.025**	**0.550**	**0.031**	**2.670**	**2.726**	**0.425**	**3.901**
STD DEV (GEOM *)				**1.0**	**0.053**	**0.047**	**0.071**	**0.226**	**0.060**	**1.504**	**1.531**	**0.261**	**1.354**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	CHROMIUM UNF.TOT. MG/L AS CR
TEST-NAME:				RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FEUT	CRUT
81 01 21 1200		.3	1	614.6	3.4	611.2	970.0	2.00	71.000	268.0	7.83	0.220	0.004
81 02 18 1115		.3	1								8.02		
81 03 18 1140		.3	1	499.4	499.4	493.8	770.0	2.90	52.500	226.0	8.02	0.350	0.002 <
81 04 22 1100		.3	1	492.5	5.6	486.9	710.0	2.30	52.000	220.0	8.20	0.170	0.003
81 05 20 1200		.3	1	505.6	20.3	485.3	710.0	5.80	48.500		8.07		0.002 <
81 06 18 1141		.3	1	583.2	27.3	555.9	805.0	7.40	63.000	212.0	8.13	0.56	0.007
81 07 23 1205		.3	1	544.2	25.2	519.0	800.0	7.80	70.000	208.0	8.07	0.50	0.004
81 09 24 1450		.3	1	474.2	30.1	444.1	670.0	9.20	41.500	206.0	8.12	0.760	0.0040
81 10 22 1410		.3	1	509.1	13.9	495.2	750.0	5.50	41.000	248.0	8.08	0.480	0.010
81 11 19 1420		.3											0.005
81 12 17 1415		.3	1	601.2	2.5	598.7	895.0	1.60	58.500	276.0	8.18	0.180	0.006
MAXIMUM				**614.6**	**499.4**	**611.2**	**970.0**	**9.20**	**71.000**	**276.0**	**8.20**	**0.760**	**0.010**
ARITH MEAN				**536.0**	**69.7**	**521.1**	**786.7**	**4.94**	**55.333**	**233.0**	**8.07**	**0.40**	**0.005**
GEOM MEAN				**533.8**	**17.3**	**518.5**	**781.8**	**4.15**	**54.333**	**231.6**	**8.07**	**0.35**	**0.005**
MINIMUM				**474.2**	**2.5**	**444.1**	**670.0**	**1.60**	**41.000**	**206.0**	**7.83**	**0.170**	**0.003**
STD DEV (GEOM *)				**51.7**	**161.5**	**56.1**	**95.4**	**2.84**	**11.136**	**27.5**	**0.10**	**0.21**	**0.002**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**8**	**10**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L	2,4,5-T NG/L
TEST-NAME:				CUUT	PBUT	CDUT	ZNUT	NIUT	P1PCBT	P3245T
81 01 21 1200		.3	1	0.012			0.011	0.007		
81 03 18 1140		.3	1	0.002			0.011	0.005		
81 04 22 1100		.3	1	0.001<			0.006	0.002 <		
81 05 20 1200		.3	1	0.003			0.013	0.002 <		
81 06 18 1141		.3	1	0.016			0.009	0.0005		
81 07 23 1205		.3	1	0.001			0.013	0.009		
81 09 24 1450		.3	1	0.010	0.003	0.0003	0.005	0.0040		
81 10 22 1410		.3	1	0.011	0.014		0.012	0.004		
81 11 19 1420		.3		0.010	0.005		0.009	0.004	20<W	50<W
81 12 17 1415		.3	1	0.010	0.004		0.008	0.008		
MAXIMUM				**0.016**	**0.014**	**0.0003**	**0.013**	**0.009**		**50**
ARITH MEAN				**0.008**	**0.006**	**0.0003**	**0.010**	**0.005**		**50<A**
GEOM MEAN				**0.006**	**0.005**		**0.009**	**0.004**		
MINIMUM				**0.001**	**0.003**	**0.0003**	**0.005**	**0.0005**		**50**
STD DEV (GEOM *)				**0.005**	**0.005**		**0.003**	**0.002**		
# SAMPLES (IN STATISTICS)				**9**	**4**	**1**	**10**	**8**		**1**

B.O.W./ SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT HIGHWAY 7**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-043-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0483110.0 4783750.0 4** REGION: **01** DISTANCE: **243.326**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 19 1045		.3	1	43002	4	450	720	100	20	4<	1.0	10.0	1.6
81 02 19 1027		.3	1	43952	3	12000	38000	1500>		4<	1.5	12.0	4.6
81 03 16 0950		.3	1	43041	6	100<	500	30I	70I	4<	1.0	10.0	0.5
81 04 14 1000		.3	1	43063	6	9900C	21400	600>	600>	40	7.0	9.0	3.0
81 05 19 1042		.3	1	43085	6	180	1600	40I	10I	4<	13.8	14.6	2.2
81 06 17 1000		.3	1	43107	6	300C	17000	148	136	4<	18.0	8.1	2.1
81 07 21 1115		.3	1	43129	6	130C	21000	104	32	4<	23.5	9.5	1.5
81 09 22 1055		.3	1	43151	6	32000	140000	3300	7800	4<	12.0	9.0	1.2
81 10 20 1020		.3	1	43173	6	27000	140000	2500	1900	4<	6.0	10.5	1.3
81 11 17 1000		.3	1	43197	6	180	750	100I	100<	4<	6.0	10.5	1.6
81 12 14 0845		.3	1	43221	6	100	620	40I	10<	4<	0.0	12.0	1.0
MAXIMUM						**32000**	**140000**	**3300**	**7800**	**40**	**23.5**	**14.6**	**4.6**
ARITH MEAN						**8224**	**34690**	**707**	**1424**	**40**	**9.0**	**10.5**	**1.9**
GEOM MEAN						**1193**	**6836**	**158**	**137**		**5.5**	**10.3**	**1.6**
MINIMUM						**100**	**500**	**30**	**10**	**40**	**1.0**	**8.1**	**0.5**
STD DEV (GEOM *)						**11***	**9***	**6***	**12***	~	**7.7**	**1.8**	**1.1**
# SAMPLES (IN STATISTICS)						**10**	**11**	**9**	**7**	**1**	**10**	**11**	**11**

(CONTD)

B.O.W. / SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT HIGHWAY 7**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-043-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M.: **17 0483110.0 4783750.0 4** REGION: **01** DISTANCE: **243.326**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 1045	3	1		0.081	0.038	0.270	0.830	0.034	4.400	4.704	0.560	5.264	509.7
81 02 19 1027	3	1		0.340	0.125	0.380	1.700	0.032	6.700	7.112	1.320	8.432	399.0
81 03 16 0950	3	1		0.055	0.037	0.090	0.640	0.028	8.500	8.618	0.550	9.168	361.5
81 04 14 1000	3	1		0.190	0.048	0.090	1.120	0.066	4.700	4.856	1.030	5.886	514.4
81 05 19 1042	3	1		0.023	0.001	0.005	0.720	0.028	6.400	6.433	0.715	7.148	384.70
81 06 17 1000	3	1		0.116	0.023	0.020	0.090	0.028	1.170	1.218	0.070	1.288	411.0
81 07 21 1115	3	1		0.121	0.016	0.010	0.940	0.008	0.870	0.888	0.930	1.818	468.0
81 09 22 1055	3	1		0.112	0.045	0.025	1.080	0.035	3.700	3.760	1.055	4.815	373.4
81 10 20 1020	3	1		0.048	0.007	0.005	0.950	0.017	7.800	7.822	0.945	8.767	434.5
81 11 17 1000	3	1		0.032	0.007	0.005	0.660	0.018	5.900	5.923	0.655	6.578	458.2
81 12 14 0845	3	1		0.044	0.029	0.115	0.710	0.026	7.100	7.241	0.595	7.836	451.2
MAXIMUM				**0.340**	**0.125**	**0.380**	**1.700**	**0.066**	**8.500**	**8.618**	**1.320**	**9.168**	**514.4**
ARITH MEAN				**0.106**	**0.034**	**0.092**	**0.858**	**0.029**	**5.204**	**5.325**	**0.766**	**6.091**	**433.2**
GEOM MEAN				**0.079**	**0.020**	**0.034**	**0.726**	**0.026**	**4.299**	**4.411**	**0.642**	**5.271**	**430.3**
MINIMUM				**0.023**	**0.001**	**0.005**	**0.090**	**0.008**	**0.870**	**0.888**	**0.070**	**1.288**	**361.5**
STD DEV (GEOM *)				**0.092**	**0.034**	**0.124**	**0.396**	**0.015**	**2.521**	**2.552**	**0.337**	**2.649**	**52.2**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 19 1045	3	1		3.9	505.8	800.0	1.10	45.000	7.68
81 02 19 1027	3	1		131.7	247.0	380.0	35.00	15.000	7.46
81 03 16 0950	3	1		5.2	356.3	590.0	2.70	20.000	8.17
81 04 14 1000	3	1		114.6	499.8	550.0	90.00	28.500	8.17
81 05 19 1042	3	1		2.50	382.2	545.0	0.77	27.000	8.47
81 06 17 1000	3	1		17.2	393.8	605.0	3.50	38.500	8.02
81 07 21 1115	3	1		31.5	436.5	650.0	12.00	51.500	8.33
81 09 22 1055	3	1		32.4	341.0	520.0	17.00	22.500	8.22
81 10 20 1020	3	1		8.7	425.8	665.0	4.30	21.500	8.18
81 11 17 1000	3	1		3.2	455.0	675.0	2.90	26.000	8.32
81 12 14 0845	3	1		1.6	449.6	715.0	1.50	26.000	8.21
MAXIMUM				**131.7**	**505.8**	**800.0**	**90.00**	**51.500**	**8.47**
ARITH MEAN				**32.0**	**408.4**	**608.6**	**15.52**	**29.227**	**8.11**
GEOM MEAN				**11.7**	**401.3**	**598.5**	**5.32**	**27.475**	**8.11**
MINIMUM				**1.6**	**247.0**	**380.0**	**0.77**	**15.000**	**7.46**
STD DEV (GEOM *)				**46.5**	**75.5**	**111.9**	**26.75**	**11.179**	**0.30**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W. / SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT CONCESSION ROAD 2 SOUTH OF MITCHELL**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-044-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M.: **17 0483200.0 4810300.0 4** REGION: **01** DISTANCE: **279.374**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 19 1205	3	1		43005	4	0.300	570	1800	64	224	4<	1.0	11.0
81 02 19 1148	3	1		43956	3	90.000	12000	60000	690	600>	4<	2.0	12.5
81 03 16 1100	3	1		43045	6	2.000	1000I	2000	80I	10I	4<	0.0	12.5
81 04 14 1120	3	1		43067	6	4.580	5700C	31000	600>	600>	44	7.0	10.0
81 05 19 1220	3	1		43089	6	2.370	1500	7600	30I	10<	4<	15.0	14.4
81 06 17 1120	3	1		43111	6	0.237	1300C	38000	212	132	4<	19.0	6.0
81 07 21 1245	3	1		43133	6	0.044	450C	17000	160	128	8	21.5	9.0
81 09 22 1305	3	1		43155	6	0.810	6500C	29000	600>	600>	4<	12.0	11.5
81 10 20 1230	3	1		43177	6	12.400	43000	90000	970	970	4<	8.0	10.5
81 11 17 1120	3	1		43201	6	1.090	780C	2300	150	130	4<	6.5	10.5
81 12 14 1005	3	1		43225	6 2	1.330	200	480	90I	20<	4<	1.0	10.0
MAXIMUM						**90.000**	**43000**	**90000**	**970**	**970**	**44**	**21.5**	**14.4**
ARITH MEAN						**10.469**	**6636**	**25380**	**272**	**266**	**26**	**9.3**	**10.7**
GEOM MEAN						**1.504**	**1943**	**9951**	**153**	**130**	**19**	**5.9**	**10.5**
MINIMUM						**0.044**	**200**	**480**	**30**	**10**	**8**	**1.0**	**6.0**
STD DEV (GEOM *)						**26.613**	**5***	**6***	**3***	**4***	**3***	**7.4**	**2.2**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**9**	**6**	**2**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 19 1205	3	1		0.8	0.080	0.056	0.500	1.090	0.032	3.800	4.332	0.590	4.922
81 02 19 1148	3	1		4.1	0.270	0.142	0.300	1.720	0.036	10.300	10.636	1.420	12.056
81 03 16 1100	3	1		0.4	0.041	0.024	0.065	0.610	0.022	11.300	11.387	0.545	11.932
81 04 14 1120	3	1		4.3	0.336	0.150	0.500	2.420	0.056	6.300	6.856	1.920	8.776
81 05 19 1220	3	1		2.7	0.029	0.002	0.005	0.680	0.037	10.900	10.942	0.675	11.617
81 06 17 1120	3	1		2.1	0.108	0.038	0.190	1.020	0.075	0.690	0.955	0.830	1.785
81 07 21 1245	3	1		2.2	0.074	0.009	0.045	0.990	0.050	1.110	1.205	0.945	2.150
81 09 22 1305	3	1		1.4	0.038	0.004	0.040	0.820	0.039	6.300	6.379	0.780	7.159
81 10 20 1230	3	1		0.5	0.048	0.021	0.005<	0.840	0.020	13.100	13.125	0.835	13.960
81 11 17 1120	3	1		0.8	0.014	0.002	0.005	0.590	0.023	8.400	8.428	0.585	9.013
81 12 14 1005	3	1		0.3	0.036	0.018	0.015	0.590	0.020	9.900	9.935	0.575	10.510
MAXIMUM				**4.3**	**0.336**	**0.150**	**0.500**	**2.420**	**0.075**	**13.100**	**13.125**	**1.920**	**13.960**
ARITH MEAN				**1.8**	**0.098**	**0.042**	**0.166**	**1.034**	**0.037**	**7.464**	**7.653**	**0.882**	**8.535**
GEOM MEAN				**1.3**	**0.063**	**0.018**	**0.060**	**0.931**	**0.034**	**5.569**	**5.928**	**0.812**	**7.182**
MINIMUM				**0.3**	**0.014**	**0.002**	**0.005**	**0.590**	**0.020**	**0.690**	**0.955**	**0.545**	**1.785**
STD DEV (GEOM *)				**1.4**	**0.106**	**0.054**	**0.199**	**0.564**	**0.017**	**4.190**	**4.113**	**0.425**	**4.103**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 19 1205		.3	1	425.6	9.4	416.2	660.0	4.00	25.000	7.76
81 02 19 1148		.3	1	369.1	81.8	246.000	378.0	32.00	12.500	7.55
81 03 16 1100		.3	1	371.6	3.5	368.1	620.0	2.00	18.500	8.13
81 04 14 1120		.3	1	421.3	21.3	400.0	570.0	7.00	29.500	8.11
81 05 19 1220		.3	1	398.0	5.1	392.9	590.0	2.00	19.000	8.34
81 06 17 1120		.3	1	332.4	16.7	315.7	500.0	4.00	23.000	7.89
81 07 21 1245		.3	1	289.4	14.6	274.8	458.0	5.80	22.500	8.19
81 09 22 1305		.3	1	403.1	5.0	398.1	645.0	2.50	27.000	8.24
81 10 20 1230		.3	1	465.7	4.6	461.1	740.0	3.40	20.000	8.07
81 11 17 1120		.3	1	459.8	2.3	457.5	705.0	1.50	20.000	8.19
81 12 14 1005		.3	1	476.0	18.1	457.9	745.0	7.60	25.500	8.15
MAXIMUM				**476.0**	**81.8**	**461.1**	**745.0**	**32.00**	**29.500**	**8.34**
ARITH MEAN				**401.1**	**16.6**	**380.7**	**601.0**	**6.53**	**22.045**	**8.06**
GEOM MEAN				**397.1**	**9.7**	**373.5**	**589.5**	**4.24**	**21.534**	**8.05**
MINIMUM				**289.4**	**2.3**	**246.000**	**378.0**	**1.50**	**12.500**	**7.55**
STD DEV (GEOM *)				**57.7**	**22.6**	**73.5**	**117.5**	**8.69**	**4.725**	**0.23**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **1.4 MILES DOWNSTREAM OF ST MARYS**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-045-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0486200.0 4787100.0 4** REGION: **01** DISTANCE: **251.051**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 02 19 1116		.3	1	43955	3	140.000	27000	120000	980	392	20	1.0	12.3
81 03 16 1040		.3	1	43044	6	11.000	400I	2800	10I	80I	4<	0.0	13.0
81 04 14 1040		.3	1	43066	6	12.700	2800	25000	600>	600>	16	8.0	10.5
81 05 19 1145		.3	1	43088	6	9.790	1400	17000	40I	10<	12	15.0	15.2
81 06 17 1053		.3	1	43110	6	2.260	1500C	35000	296	152	48	20.0	10.0
81 07 21 1215		.3	1	43132	6	1.790	500C	15000	216	120	4<	22.0	11.0
81 09 22 1145		.3	1	43154	6	8.430	5200	23000	600>	600>	4<	13.5	10.5
81 10 20 1115		.3	1	43176	6	29.700	63000	110000	920	840	4<	7.5	12.0
81 12 14 0945		.3	1	43224	6 2	3.900	120	190	10I	8	4<	1.0	12.5
MAXIMUM						**140.000**	**63000**	**120000**	**980**	**840**	**48**	**22.0**	**15.2**
ARITH MEAN						**24.397**	**11324**	**38666**	**353**	**265**	**24**	**11.0**	**11.9**
GEOM MEAN						**9.694**	**2208**	**14893**	**113**	**125**	**21**	**6.9**	**11.8**
MINIMUM						**1.790**	**120**	**190**	**10**	**8**	**12**	**1.0**	**10.0**
STD DEV (GEOM *)						**44.156**	**7***	**7***	**7***	**5***	**2***	**8.0**	**1.6**
# SAMPLES (IN STATISTICS)						**9**	**9**	**9**	**7**	**6**	**4**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 02 19 1116		.3	1	5.8	0.390	0.131	0.415	1.920	0.033	7.200	7.648	1.505	9.153
81 03 16 1040		.3	1	0.3	0.051	0.030	0.175	0.740	0.030	8.700	8.905	0.565	9.470
81 04 14 1040		.3	1	2.2	0.115	0.050	0.140	0.980	0.074	4.430	4.644	0.840	5.484
81 05 19 1145		.3	1	2.6	0.060	0.010	0.030	0.870	0.044	7.100	7.174	0.840	8.014
81 06 17 1053		.3	1	2.7	0.121	0.001	0.010	1.070	0.030	1.170	1.210	1.060	2.270
81 07 21 1215		.3	1	1.5	0.067	0.002	0.010	0.830	0.029	0.840	0.879	0.820	1.699
81 09 22 1145		.3	1	1.0	0.041	0.008	0.035	0.740	0.019	3.280	3.334	0.705	4.039
81 10 20 1115		.3	1	0.9	0.045	0.013	0.005<	0.940	0.018	9.300	9.323	0.935	10.258
81 12 14 0945		.3	1	0.7	0.026	0.019	0.085	0.660	0.022	7.200	7.307	0.575	7.882
MAXIMUM				**5.8**	**0.390**	**0.131**	**0.415**	**1.920**	**0.074**	**9.300**	**9.323**	**1.505**	**10.258**
ARITH MEAN				**2.0**	**0.102**	**0.029**	**0.112**	**0.972**	**0.033**	**5.469**	**5.603**	**0.872**	**6.474**
GEOM MEAN				**1.4**	**0.072**	**0.013**	**0.056**	**0.925**	**0.030**	**4.221**	**4.342**	**0.835**	**5.525**
MINIMUM				**0.3**	**0.026**	**0.001**	**0.010**	**0.660**	**0.018**	**0.840**	**0.879**	**0.565**	**1.699**
STD DEV (GEOM *)				**1.7**	**0.113**	**0.041**	**0.137**	**0.378**	**0.017**	**3.153**	**3.201**	**0.286**	**3.206**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 02 19 1116		.3	1	353.7	100.8	244.000	375.0	34.00	16.500	7.44
81 03 16 1040		.3	1	361.6	5.3	356.3	610.0	3.10	21.000	8.16
81 04 14 1040		.3	1	410.0	13.4	396.8	570.0	8.00	29.500	8.28
81 05 19 1145		.3	1	404.1	5.1	399.0	575.0	1.70	24.000	8.54
81 06 17 1053		.3	1	449.1	30.2	418.9	600.0	6.60	37.000	8.30
81 07 21 1215		.3	1	409.8	35.4	374.4	585.0	8.90	38.000	8.40
81 09 22 1145		.3	1	383.0	11.1	371.9	595.0	4.30	31.500	8.41
81 10 20 1115		.3	1	452.1	5.5	446.6	700.0	4.40	23.500	8.23
81 12 14 0945		.3	1	454.0	1.8	452.2	725.0	1.50	26.500	8.24
MAXIMUM				**454.0**	**100.8**	**452.2**	**725.0**	**34.00**	**38.000**	**8.54**
ARITH MEAN				**408.6**	**23.2**	**384.4**	**592.8**	**8.06**	**27.500**	**8.22**
GEOM MEAN				**407.0**	**11.8**	**379.2**	**584.4**	**5.11**	**26.644**	**8.22**
MINIMUM				**353.7**	**1.8**	**244.000**	**375.0**	**1.50**	**16.500**	**7.44**
STD DEV (GEOM *)				**37.9**	**31.4**	**62.0**	**98.5**	**10.07**	**7.185**	**0.31**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TILBURY CREEK**
SAMPLE POINT: **AT HIGHWAY 2 WEST OF TILBURY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-046-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0380450.0 4679850.0 4** REGION: **01** DISTANCE: **9.012**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 26 0940		.3	1	44002	6 9	24000	96000	980	1250	12	2.0	9.5	8.6
81 02 24 1129		.3	1	44010	6	3000I	18000	350	260	4<	1.5	8.0	2.6
81 03 23 1130		.3	1	44022	6	13100C	46000	1430	20I	4<	5.0	12.5	2.2
81 04 27 1210		.3	1	44033	6 9	3800C	39000	60I	10I	4<	14.0	10.5	0.8
81 05 25 1130		.3	1	44046	9	91000>	62000	600>	340	16	20.0	7.5	3.8
81 06 22 1330		.3	1	44058	6 9	240000	2300000	1600	1500>	292C	20.0	6.5	2.0
81 07 27 1130		.3	1	44070	6	26000	140000	900I	600I	72	21.0	7.0	8.2
81 08 24 1140		.3	1	44082	9 6	10000C	600000	160	190	56	22.0	5.0	9.8
81 09 28 1145		.3	1	44093	6	16000	71000	780	410	8	14.0	6.5	2.8
81 10 26 1135		.3	1	44104	6 9	42000	79000	620	176	8	9.0	8.0	3.4
81 11 23 1125		.3	1	44115	6	17000C	220000	1000	790	156	2.0	8.0	3.4
	MAXIMUM					**240000**	**2300000**	**1600**	**1250**	**292**	**22.0**	**12.5**	**9.8**
	ARITH MEAN					**39490**	**333727**	**788**	**405**	**77**	**11.9**	**8.1**	**4.3**
	GEOM MEAN					**17408**	**114841**	**564**	**207**	**35**	**8.1**	**7.9**	**3.4**
	MINIMUM					**3000**	**18000**	**60**	**10**	**8**	**1.5**	**5.0**	**0.8**
	STD DEV (GEOM *)					3*	4*	3*	5*	4*	8.3	2.1	3.0
	# SAMPLES (IN STATISTICS)					10	11	10	10	8	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 26 0940		.3	1	0.220	0.153	1.000	2.050	0.048	1.280	2.328	1.050	3.378	942.4
81 02 24 1129		.3	1	0.335	0.130	0.130	2.150	0.133	7.200	7.463	2.020	9.483	426.8
81 03 23 1130		.3	1	0.172	0.067	0.105	0.770	0.024	3.980	4.109	0.665	4.774	554.7
81 04 27 1210		.3	1	0.027	0.005	0.015	0.820	0.028	4.770	4.813	0.805	5.618	614.9
81 05 25 1130		.3	1	0.210	0.029	0.185	1.500	0.090	3.900	4.175	1.315	5.490	613.6
81 06 22 1330		.3	1	1.460	1.000	0.270	5.600	0.110	4.500	4.880	5.330	10.210	1716.4
81 07 27 1130		.3	1	0.110	0.011	0.065	2.300	0.106	4.800	4.971	2.235	7.206	565.0
81 08 24 1140		.3	1	0.675	0.115	0.150	2.350	0.032	0.270	0.452	2.200	2.652	545.9
81 09 28 1145		.3	1	0.320	0.094	0.380	1.800	0.076	2.900	3.356	1.420	4.776	511.2
81 10 26 1135		.3	1	0.285	0.181	0.080	1.400	0.039	4.500	4.619	1.320	5.939	517.0
81 11 23 1125		.3	1	0.240	0.162	0.165	1.400	0.029	4.320	4.514	1.235	5.749	525.0
	MAXIMUM			**1.460**	**1.000**	**1.000**	**5.600**	**0.133**	**7.200**	**7.463**	**5.330**	**10.210**	**1716.4**
	ARITH MEAN			**0.369**	**0.177**	**0.231**	**2.013**	**0.065**	**3.856**	**4.153**	**1.781**	**5.934**	**684.8**
	GEOM MEAN			**0.243**	**0.078**	**0.143**	**1.741**	**0.054**	**3.065**	**3.542**	**1.506**	**5.537**	**629.8**
	MINIMUM			**0.027**	**0.005**	**0.015**	**0.770**	**0.024**	**0.270**	**0.452**	**0.665**	**2.652**	**426.8**
	STD DEV (GEOM *)			**0.398**	**0.280**	**0.274**	**1.308**	**0.039**	1.854	1.749	1.289	2.298	366.3
	# SAMPLES (IN STATISTICS)			11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 26 0940		.3	1	13.8	928.6	1420.0	7.50	245.000	7.57
81 02 24 1129		.3	1	124.0	224.000	345.0	170.00	19.000	7.60
81 03 23 1130		.3	1	11.1	543.6	780.0	8.50	36.500	8.07
81 04 27 1210		.3	1	9.2	605.7	830.0	7.20	47.000	8.34
81 05 25 1130		.3	1	56.1	557.5	780.0	40.00	30.500	7.76
81 06 22 1330		.3	1	1407.2	309.2	315.0	1180.00	27.500	7.45
81 07 27 1130		.3	1	113.4	451.6	560.0	55.00	24.000	7.42
81 08 24 1140		.3	1	147.8	398.1	515.0	110.00	28.000	7.52
81 09 28 1145		.3	1	140.1	371.1	525.0	135.00	37.000	7.76
81 10 26 1135		.3	1	38.3	478.7	640.0	60.00	28.500	7.63
81 11 23 1125		.3	1	9.0	516.0	725.0	12.00	37.500	7.81
	MAXIMUM			**1407.2**	**928.6**	**1420.0**	**1180.00**	**245.000**	**8.34**
	ARITH MEAN			**188.2**	**489.4**	**675.9**	**162.29**	**50.955**	**7.72**
	GEOM MEAN			**53.9**	**459.8**	**622.9**	**46.44**	**37.001**	**7.72**
	MINIMUM			**9.0**	**224.000**	**315.0**	**7.20**	**19.000**	**7.42**
	STD DEV (GEOM *)			**408.1**	**184.7**	**300.8**	**342.12**	**64.808**	**0.28**
	# SAMPLES (IN STATISTICS)			11	11	11	11	11	11

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **THAMES RIVER**
SAMPLE POINT: **AT COUNTY ROAD 16 KOMOKA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-047-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0465550.0 4753450.0 4** REGION: **01** DISTANCE: **184.748**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 0950		.3	1	43009	4	4600	13000	650	150	4<	1.0	11.0	1.8
81 02 18 0915		.3	1	43020	3	37000	126000	6100	7300	32	0.0	11.5	7.9
81 02 27 1015		.3	1	41006	6						3.0	8.2	
81 03 18 0955		.3	1	43050	6	3500	9000	410	250	8	0.0	12.5	1.0
81 04 22 0930		.3	1	43072	6						8.0	10.5	1.7
81 05 20 1010		.3	1	43094	6	2300	25000	10<	30I	4<	13.8	9.0	2.2
81 06 18 0943		.3	1	43116	6	2400	8800	124	52	4<	21.0	8.7	3.6
81 07 23 0943		.3	1	43138	6	1100	26000	84	116	4<	22.5	8.5	2.6
81 09 24		.3	1	43160		4100	15000	352	270				1.0
81 10 22 0945		.3	1	43182	6	15000	26000	860	490	24	8.0	10.0	2.2
81 11 19 0945		.3	1	43206	6	3400	7700	100	220	16	7.0	11.0	2.5
81 12 17 1000		.3	1	43230	6	9100C	21000	600>	220	8			3.6
MAXIMUM						**37000**	**126000**	**6100**	**7300**	**32**	**22.5**	**12.5**	**7.9**
ARITH MEAN						**8250**	**27750**	**1085**	**910**	**18**	**10.5**	**10.1**	**2.7**
GEOM MEAN						**4828**	**18731**	**388**	**224**	**15**	**7.4**	**10.0**	**2.3**
MINIMUM						**1100**	**7700**	**84**	**30**	**8**	**1.0**	**8.2**	**1.0**
STD DEV (GEOM *)						**3***	**2***	**4***	**4***	**2***	**7.9**	**1.4**	**1.9**
# SAMPLES (IN STATISTICS)						**10**	**10**	**8**	**10**	**5**	**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 0950		.3	1	0.129	0.072	0.745	1.350	0.104	5.600	6.449	0.605	7.054	454.2
81 02 18 0915		.3	1	0.710	0.123	0.505	2.400	0.066	3.900	4.471	1.895	6.366	623.0
81 02 27 1015		.3	1	0.132	0.008	0.155	1.180	0.067	7.600	7.822	1.025	8.847	
81 03 18 0955		.3	1	0.078	0.041	0.135	0.710	0.064	6.900	7.099	0.575	7.674	392.6
81 04 22 0930		.3	1	0.071	0.006	0.005	0.790	0.054	5.400	5.459	0.785	6.244	415.6
81 05 20 1010		.3	1	0.156	0.024	0.035	1.180	0.047	6.000	6.082	1.145	7.227	401.3
81 06 18 0943		.3	1	0.205	0.108	0.030	1.060	0.132	2.970	3.132	1.030	4.162	420.4
81 07 23 0943		.3	1	0.175	0.115	0.035	0.900	0.041	2.360	2.436	0.865	3.301	385.7
81 09 24		.3	1	0.090	0.036	0.070	1.100	0.108	5.790	5.968	1.030	6.998	429.6
81 10 22 0945		.3	1	0.096	0.035	0.040	0.910	0.070	6.900	7.010	0.870	7.880	452.9
81 11 19 0945		.3	1	0.076	0.009	0.010	0.760	0.064	5.600	5.674	0.750	6.424	454.3
81 12 17 1000		.3	1	0.143	0.101	0.115	0.820	0.260	6.900	7.275	0.705	7.980	452.0
MAXIMUM				**0.710**	**0.123**	**0.745**	**2.400**	**0.260**	**7.600**	**7.822**	**1.895**	**8.847**	**623.0**
ARITH MEAN				**0.172**	**0.056**	**0.157**	**1.097**	**0.090**	**5.493**	**5.740**	**0.940**	**6.680**	**443.8**
GEOM MEAN				**0.136**	**0.037**	**0.064**	**1.035**	**0.078**	**5.212**	**5.459**	**0.893**	**6.486**	**440.1**
MINIMUM				**0.071**	**0.006**	**0.005**	**0.710**	**0.041**	**2.360**	**2.436**	**0.575**	**3.301**	**385.7**
STD DEV (GEOM *)				**0.175**	**0.045**	**0.230**	**0.456**	**0.060**	**1.637**	**1.658**	**0.350**	**1.580**	**64.7**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 21 0950		.3	1	4.3	449.9	740.0	1.50	46.000	242.0	7.85	1.000<	0.230	0.001<
81 02 18 0915		.3	1	233.7	389.3	530.0	48.00	40.500	196.0	7.75	1.000<		0.002
81 02 27 1015		.3	1	22.00	316.00	454.0	12.00		155.0	7.82		0.640	0.001<
81 03 18 0955		.3	1	6.6	386.0	620.0	4.40	30.000	218.0	8.16	1.000<		0.001<
81 04 22 0930		.3	1	6.1	409.5	600.0	3.00	31.000	213.0	8.41	1.000<	1.500	0.001<
81 05 20 1010		.3	1	8.5	392.8	605.0	3.50	31.000	212.0	8.24	1.000<	0.150	0.001<
81 06 18 0943		.3	1	17.2	403.2	600.0	4.60	39.000	201.0	8.18	1.000<	0.19	0.001
81 07 23 0943		.3	1	11.7	374.0	575.0	3.80	42.000	166.0	8.14	1.000<	0.19	0.001<
81 09 24		.3	1	17.3	412.3	625.0	8.00	28.000					
81 10 22 0945		.3	1	13.7	439.2	645.0	7.10	27.500	237.0	8.12	1.000<		0.001<
81 11 19 0945		.3	1	4.8	449.5	665.0	1.70	30.000	247.0	8.24	1.000<		0.001<
81 12 17 1000		.3	1	3.1	448.9	715.0	1.40	35.000	262.0	8.14	1.000<		0.001<
MAXIMUM				**233.7**	**449.9**	**740.0**	**48.00**	**46.000**	**262.0**	**8.41**		**1.500**	**0.002**
ARITH MEAN				**29.0**	**405.8**	**614.5**	**8.25**	**34.545**	**213.5**	**8.10**		**0.48**	**0.001**
GEOM MEAN				**11.5**	**404.0**	**609.9**	**4.62**	**34.041**	**211.1**	**8.09**		**0.32**	**0.001**
MINIMUM				**3.1**	**316.00**	**454.0**	**1.40**	**27.500**	**155.0**	**7.75**		**0.150**	**0.001**
STD DEV (GEOM *)				**64.7**	**39.0**	**76.5**	**12.89**	**6.334**	**33.2**	**0.20**		**0.53**	**0.001**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**11**	**11**		**6**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 21 0950		.3	1	0.006	0.014	0.003<	0.0002<	0.019	0.034	0.010<	20<W		
81 02 18 0915		.3	1	0.009	0.015	0.020	0.0005	0.055	0.006	0.010<	76	50<W	50<W
81 02 27 1015		.3	1	0.004	0.003	0.003<	0.0002<	0.012	0.003	0.010<	20<W		50<W
81 03 18 0955		.3	1	0.015	0.003	0.003<	0.0002<	0.011	0.006	0.010<			
81 04 22 0930		.3	1	0.002 <	0.001<	0.003<	0.0002<	0.009	0.003 <	0.010<	20<W	50<W	50<W
81 05 20 1010		.3	1	0.003	0.002	0.010	0.0002<	0.004	0.002	0.010<	20<W		50<W
81 06 18 0943		.3	1	0.007	0.016	0.004	0.0001	0.008	0.010	0.01	20<W		50<W
81 07 23 0943		.3	1	0.004	0.010	0.003<	0.001 <	0.007	0.011	0.01 <	20<W		50<W
81 09 24		.3	1	0.0040	0.007	0.003	0.0003	0.005	0.0040	0.010<	20<W		
81 10 22 0945		.3	1	0.007	0.017	0.020	0.0008	0.014	0.007	0.005<T	20<W		50<W
81 11 19 0945		.3	1	0.005	0.010	0.006	0.0001	0.009	0.008	0.005<T	20<W		50<W
81 12 17 1000		.3	1	0.005	0.009	0.006	0.0003	0.009	0.010	0.005<T	20<W		50<W
MAXIMUM				**0.015**	**0.017**	**0.020**	**0.0008**	**0.055**	**0.034**	**0.01**		**50**	**50**
ARITH MEAN				**0.006**	**0.010**	**0.010**	**0.0003**	**0.013**	**0.009**	**0.00 <A**		**50<A**	**50<A**
GEOM MEAN				**0.005**	**0.008**	**0.008**	**0.0003**	**0.010**	**0.006**	**0.00 <A**		**50<A**	**50<A**
MINIMUM				**0.003**	**0.002**	**0.003**	**0.0001**	**0.004**	**0.002**	**0.005**		**50**	**50**
STD DEV (GEOM *)				**0.003**	**0.005**	**0.007**	**0.0003**	**0.014**	**0.008**	**0.00 <A**		**0<A**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**11**	**7**	**6**	**12**	**11**	**4**		**2**	**9**

B.O.W./ SITE: **MC GREGOR CREEK**
SAMPLE POINT: **AT HARWICH-HOWARD TOWNLINE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-049-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M.: **17 0418950.0 4699500.0 4** REGION: **01** DISTANCE: **50.693**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 26 1310	.3	1	44005	6	80000I	670000	2200	12500	8	0.5	10.5	6.9
81 02 24 1315	.3	1	44012	6	1000<	9000	100I	2500	4	2.5	8.0	2.6
81 03 23 1235	.3	1	44023	6	840	1190	90I	30I	4<	6.0	13.5	1.0
81 04 27 1330	.3	1	44034	6	4500	19000	270	20I	4<	12.0	10.0	1.0
81 05 25 1215	.3	1	44047	6	10000	221000	1330	600>	4<	19.0	7.5	3.4
81 06 22 1413	.3	1	44059	6 3	250000	2300000	6600	1500>	416C	14.0	6.5	3.6
81 07 27 1220	.3	1	44071	6	3000I	33000	1100	500I	4	21.0	9.0	1.4
81 08 24 1230	.3	1	44083	6 9	2600C	41000	1000	270	4	22.0	7.5	1.2
81 09 28 1245	.3	1	44094	6	9000C	55000	830	910	4<	14.0	8.0	3.0
81 10 26 1230	.3	1	44105	6	20000	51000	540	460	4<	10.0	7.5	1.1
81 11 23 1340	.3	1	44116	6	2000I	16000	990	580	4<	3.0	9.5	1.9
MAXIMUM					**250000**	**2300000**	**6600**	**12500**	**416**	**22.0**	**13.5**	**6.9**
ARITH MEAN					**38194**	**310563**	**1368**	**1974**	**87**	**11.3**	**8.9**	**2.5**
GEOM MEAN					**8564**	**49329**	**709**	**440**	**12**	**7.6**	**8.7**	**2.0**
MINIMUM					**840**	**1190**	**90**	**20**	**4**	**0.5**	**6.5**	**1.0**
STD DEV (GEOM *)					**6***	**8***	**4***	**7***	**8***	**7.6**	**2.0**	**1.8**
# SAMPLES (IN STATISTICS)					**10**	**11**	**11**	**9**	**5**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 26 1310	.3	1	0.352	0.250	1.100	2.520	0.046	2.800	3.946	1.420	5.366	480.0
81 02 24 1315	.3	1	0.195	0.075	0.185	1.750	0.116	7.100	7.401	1.565	8.966	475.6
81 03 23 1235	.3	1	0.042	0.009	0.030	0.640	0.019	5.130	5.179	0.610	5.789	592.2
81 04 27 1330	.3	1	0.098	0.013	0.040	0.920	0.031	7.370	7.441	0.880	8.321	611.2
81 05 25 1215	.3	1	0.172	0.048	0.140	1.160	0.144	3.000	3.284	1.020	4.304	591.6
81 06 22 1413	.3	1	0.940	0.010	0.890	4.150	0.490	21.000	22.380	3.260	25.640	1067.4
81 07 27 1220	.3	1	0.145	0.084	0.095	0.770	0.141	1.800	2.036	0.675	2.711	587.1
81 08 24 1230	.3	1	0.116	0.039	0.035	0.840	0.038	3.110	3.183	0.805	3.988	554.4
81 09 28 1245	.3	1	0.200	0.016	0.005	1.900	0.029	2.800	2.834	1.895	4.729	587.4
81 10 26 1230	.3	1	0.104	0.044	0.150	1.080	0.041	8.000	8.191	0.930	9.121	599.0
81 11 23 1340	.3	1	0.092	0.027	0.095	1.160	0.030	7.670	7.795	1.065	8.860	613.8
MAXIMUM			**0.940**	**0.250**	**1.100**	**4.150**	**0.490**	**21.000**	**22.380**	**3.260**	**25.640**	**1067.4**
ARITH MEAN			**0.223**	**0.056**	**0.251**	**1.535**	**0.102**	**6.344**	**6.697**	**1.284**	**7.981**	**614.5**
GEOM MEAN			**0.157**	**0.034**	**0.097**	**1.308**	**0.061**	**4.968**	**5.322**	**1.135**	**6.612**	**600.6**
MINIMUM			**0.042**	**0.009**	**0.005**	**0.640**	**0.019**	**1.800**	**2.036**	**0.610**	**2.711**	**475.6**
STD DEV (GEOM *)			**0.251**	**0.069**	**0.375**	**1.036**	**0.137**	**5.383**	**5.665**	**0.764**	**6.281**	**157.8**
# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 26 1310	.3	1	29.1	450.9	710.0	20.00	105.000	7.50
81 02 24 1315	.3	1	42.1	433.5	590.0	23.00	37.000	7.73
81 03 23 1235	.3	1	10.8	581.4	820.0	7.00	50.500	8.15
81 04 27 1330	.3	1	48.0	563.2	835.0	25.00	45.000	8.06
81 05 25 1215	.3	1	66.8	524.8	750.0	38.00	37.500	7.86
81 06 22 1413	.3	1	527.6	539.8	605.0	420.00	44.500	7.47
81 07 27 1220	.3	1	15.8	571.3	805.0	14.00	59.500	8.12
81 08 24 1230	.3	1	30.7	513.7	725.0	26.00	35.500	8.15
81 09 28 1245	.3	1	64.8	522.6	795.0	22.00	48.000	8.16
81 10 26 1230	.3	1	26.6	572.4	860.0	27.00	41.000	7.86
81 11 23 1340	.3	1	24.1	589.7	905.0	21.00	46.000	8.04
MAXIMUM			**527.6**	**589.7**	**905.0**	**420.00**	**105.000**	**8.16**
ARITH MEAN			**80.6**	**533.0**	**763.6**	**58.45**	**49.955**	**7.92**
GEOM MEAN			**40.3**	**530.6**	**757.3**	**27.12**	**47.562**	**7.91**
MINIMUM			**10.8**	**433.5**	**590.0**	**7.00**	**35.500**	**7.47**
STD DEV (GEOM *)			**149.4**	**51.7**	**100.1**	**120.16**	**19.512**	**0.26**
# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **AT MIDDLESEX COUNTY ROAD 28**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE015**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-050-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M. **17 0486250.0 4771300.0 4** REGION: **01** DISTANCE: **229.003**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 19 1015 / 3 / 1	43001	4	1.630	100	110	8	4	4<	1.0	10.5
81 02 19 0957 / 3 / 1	43951	3	190.000	11000	52000	1500>		4	1.0	12.4
81 03 16 0930 / 3 / 1	43040	6	13.500	100I	400	10I	50I	4<	1.0	11.5
81 04 14 0945 / 3 / 1	43062	6	14.200	268C	2600	180	304	4<	7.0	9.0
81 05 19 1015 / 3 / 1	43084	6	13.600	90C	7200	4	24	4<	13.2	12.0
81 06 17 0936 / 3 / 1	43106	6 5	2.690	80C	24000>	76	84	4<	20.0	8.3
81 07 21 1050 / 3 / 1	43128	6	1.880	130C	15000	44	44	4<	24.2	8.0
81 09 22 1010 / 3 / 1	43150	6	14.000	21000>	40000	600>	600>	4<	12.0	9.0
81 10 20 1000 / 3 / 1	43172	6	30.300	26000	110000	760	1110	8	7.0	10.0
81 11 17 0940 / 3 / 1	43196	6	9.320	40I	410	10<	10<	4<	7.0	10.5
81 12 14 0815 / 3 / 1	43220	2 6	7.260	60I	430	24	4<	4<	0.0	11.5
MAXIMUM			**190.000**	**26000**	**110000**	**760**	**1110**	**8**	**24.2**	**12.4**
ARITH MEAN			**27.125**	**3787**	**22815**	**138**	**231**	**6**	**9.3**	**10.2**
GEOM MEAN			**10.145**	**265**	**3713**	**37**	**67**	**6**	**5.5**	**10.1**
MINIMUM			**1.630**	**40**	**110**	**4**	**4**	**4**	**1.0**	**8.0**
STD DEV (GEOM *)			**54.628**	**10***	**11***	**6***	**6***	**2***	**8.0**	**1.5**
# SAMPLES (IN STATISTICS)			**11**	**10**	**10**	**8**	**7**	**2**	**10**	**11**

TEST-NAME:	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 19 1015 / 3 / 1	0.7	0.067	0.060	0.370	0.710	0.035	4.800	5.205	0.340	5.545
81 02 19 0957 / 3 / 1	6.2	0.460	0.132	0.420	1.840	0.033	6.700	7.153	1.420	8.573
81 03 16 0930 / 3 / 1	0.5	0.046	0.029	0.080	0.640	0.028	8.000	8.108	0.560	8.668
81 04 14 0945 / 3 / 1	1.7	0.041	0.006	0.010	0.750	0.043	4.800	4.853	0.740	5.593
81 05 19 1015 / 3 / 1	2.0	0.022	0.001	0.005	0.690	0.022	6.500	6.527	0.685	7.212
81 06 17 0936 / 3 / 1	2.6	0.105	0.002	0.025	1.060	0.021	0.740	0.786	1.035	1.821
81 07 21 1050 / 3 / 1	1.8	0.074	0.002	0.005	0.800	0.006	0.710	0.721	0.795	1.516
81 09 22 1010 / 3 / 1	1.6	0.088	0.024	0.035	1.080	0.028	5.000	5.063	1.045	6.108
81 10 20 1000 / 3 / 1	1.1	0.043	0.007	0.005	0.940	0.017	7.700	7.722	0.935	8.657
81 11 17 0940 / 3 / 1	2.5	0.015	0.002	0.005<	0.600	0.018	6.000	6.023	0.595	6.618
81 12 14 0815 / 3 / 1	0.6	0.034	0.023	0.055	0.630	0.023	7.500	7.578	0.575	8.153
MAXIMUM	**6.2**	**0.460**	**0.132**	**0.420**	**1.840**	**0.043**	**8.000**	**8.108**	**1.420**	**8.668**
ARITH MEAN	**1.9**	**0.090**	**0.026**	**0.101**	**0.885**	**0.025**	**5.314**	**5.431**	**0.793**	**6.224**
GEOM MEAN	**1.5**	**0.057**	**0.009**	**0.031**	**0.837**	**0.023**	**4.207**	**4.316**	**0.742**	**5.469**
MINIMUM	**0.5**	**0.015**	**0.001**	**0.005**	**0.600**	**0.006**	**0.710**	**0.721**	**0.340**	**1.516**
STD DEV (GEOM *)	**1.6**	**0.126**	**0.039**	**0.157**	**0.358**	**0.010**	**2.534**	**2.566**	**0.299**	**2.543**
# SAMPLES (IN STATISTICS)	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**

TEST-NAME:	RST	RSP	RSF	COND25	TURB	CLIDUR	PH
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 19 1015 / 3 / 1	488.2	4.6	483.6	770.0	1.50	39.500	7.68
81 02 19 0957 / 3 / 1	507.7	205.3	254.000	390.0	45.00	17.000	7.56
81 03 16 0930 / 3 / 1	360.7	4.6	356.1	590.0	2.80	20.500	8.16
81 04 14 0945 / 3 / 1	375.4	7.9	367.5	560.0	3.00	25.000	8.17
81 05 19 1015 / 3 / 1	349.60	2.80	346.80	563.0	0.75	19.000	8.27
81 06 17 0936 / 3 / 1	402.6	13.3	389.3	595.0	2.40	36.000	7.93
81 07 21 1050 / 3 / 1	356.6	28.3	328.3	520.0	9.10	32.500	8.19
81 09 22 1010 / 3 / 1	375.4	29.1	346.3	545.0	17.00	20.500	8.21
81 10 20 1000 / 3 / 1	420.4	7.1	413.3	650.0	4.00	21.000	8.19
81 11 17 0940 / 3 / 1	429.3	1.6	427.7	645.0	1.20	22.500	8.25
81 12 14 0815 / 3 / 1	442.2	1.3	440.9	705.0	0.80	25.000	8.22
MAXIMUM	**507.7**	**205.3**	**483.6**	**770.0**	**45.00**	**39.500**	**8.27**
ARITH MEAN	**409.8**	**27.8**	**377.6**	**593.9**	**7.96**	**25.318**	**8.08**
GEOM MEAN	**406.7**	**8.4**	**372.6**	**585.7**	**3.36**	**24.433**	**8.07**
MINIMUM	**349.60**	**1.3**	**254.000**	**390.0**	**0.75**	**17.000**	**7.56**
STD DEV (GEOM *)	**53.4**	**59.6**	**62.7**	**100.3**	**13.20**	**7.410**	**0.24**
# SAMPLES (IN STATISTICS)	**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT MIDDLESEX COUNTY ROAD 4**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-051-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0487750.0 4757150.0 4** REGION: **01** DISTANCE: **215.002**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1110		.3	1	43012	4	1300	6000	290	80I	4<	1.0	10.5	5.1
81 03 18 1055		.3	1	43053	6	80I	650	10<	10I	4<	0.0	12.0	0.5
81 04 22 1020		.3	1	43075	6	410C	5600	16	4<	4<	8.0	13.5	1.2
81 05 20 1122		.3	1	43097	6	380	2400	44	8	4<	14.9	11.0	2.8
81 06 18 1059		.3	1	43119	6	200C	24000>	140	60	4<	20.0	11.2	2.4
81 07 23 1115		.3	1	43141	6	150C	9000	30I	72	4<	21.0	8.0	2.5
81 09 24 1105		.3	1	43163	6	1300	19000	308	256	8	7.0	10.0	1.4
81 10 22 1105		.3	1	43185	6	1800	10000	280	240	4	7.0	10.0	2.4
81 11 19 1045		.3	1	43209	6	100I	1200	40I	80I	4<	6.5	10.0	2.4
81 12 17 1115		.3	1	43233	6	252C	1000	32	20	4<	0.0	5.5	2.1
MAXIMUM						**1800**	**19000**	**308**	**256**	**8**	**21.0**	**13.5**	**5.1**
ARITH MEAN						**597**	**6094**	**131**	**92**	**6**	**10.7**	**10.2**	**2.3**
GEOM MEAN						**351**	**3623**	**77**	**52**	**6**	**7.9**	**9.9**	**2.0**
MINIMUM						**80**	**650**	**16**	**8**	**4**	**1.0**	**5.5**	**0.5**
STD DEV (GEOM *)						**3***	**3***	**3***	**3***	**2***	**7.1**	**2.2**	**1.2**
# SAMPLES (IN STATISTICS)						**10**	**9**	**9**	**9**	**2**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 21 1110		.3	1	0.470	0.071	0.275	2.100	0.090	5.110	5.475	1.825	7.300	633.1
81 03 18 1055		.3	1	0.032	0.014	0.050	0.590	0.033	6.300	6.383	0.540	6.923	427.8
81 04 22 1020		.3	1	0.039	0.003	0.010	0.660	0.031	5.500	5.541	0.650	6.191	430.8
81 05 20 1122		.3	1	0.059	0.002	0.005	0.870	0.048	4.400	4.453	0.865	5.318	426.0
81 06 18 1059		.3	1	0.120	0.020	0.020	1.080	0.072	3.180	3.272	1.060	4.332	480.0
81 07 23 1115		.3	1	0.101	0.004	0.015	0.900	0.015	2.090	2.120	0.885	3.005	439.5
81 09 24 1105		.3	1	0.082	0.012	0.020	1.140	0.022	5.280	5.322	1.120	6.442	476.6
81 10 22 1105		.3	1	0.073	0.005	0.030	1.000	0.035	7.200	7.265	0.970	8.235	521.0
81 11 19 1045		.3	1	0.040	0.005	0.005	0.700	0.025	5.300	5.330	0.695	6.025	608.3
81 12 17 1115		.3	1	0.040	0.024	0.045	0.620	0.030	6.500	6.575	0.575	7.150	498.3
MAXIMUM				**0.470**	**0.071**	**0.275**	**2.100**	**0.090**	**7.200**	**7.265**	**1.825**	**8.235**	**633.1**
ARITH MEAN				**0.106**	**0.016**	**0.047**	**0.966**	**0.040**	**5.086**	**5.174**	**0.918**	**6.092**	**494.1**
GEOM MEAN				**0.073**	**0.009**	**0.022**	**0.898**	**0.035**	**4.821**	**4.908**	**0.862**	**5.881**	**489.5**
MINIMUM				**0.032**	**0.002**	**0.005**	**0.590**	**0.015**	**2.090**	**2.120**	**0.540**	**3.005**	**426.0**
STD DEV (GEOM *)				**0.131**	**0.021**	**0.081**	**0.443**	**0.024**	**1.538**	**1.547**	**0.376**	**1.536**	**74.3**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 21 1110		.3	1	117.9	515.2	810.0	50.00	45.000	7.78
81 03 18 1055		.3	1	5.9	421.9	690.0	3.00	36.500	8.19
81 04 22 1020		.3	1	2.9	427.9	630.0	1.80	34.000	8.37
81 05 20 1122		.3	1	8.0	418.0	635.0	2.70	36.000	8.22
81 06 18 1059		.3	1	30.1	449.9	680.0	7.80	44.500	8.17
81 07 23 1115		.3	1	28.3	411.2	630.0	10.00	44.500	8.22
81 09 24 1105		.3	1	25.1	451.5	680.0	8.50	33.500	8.21
81 10 22 1105		.3	1	43.5	477.5	730.0	12.00	33.500	8.11
81 11 19 1045		.3	1	17.9	590.4	740.0	5.20	36.000	8.10
81 12 17 1115		.3	1	2.6	495.7	765.0	1.30	39.000	8.22
MAXIMUM				**117.9**	**590.4**	**810.0**	**50.00**	**45.000**	**8.37**
ARITH MEAN				**28.2**	**465.9**	**699.0**	**10.23**	**38.250**	**8.16**
GEOM MEAN				**15.3**	**463.1**	**696.6**	**5.75**	**37.997**	**8.16**
MINIMUM				**2.6**	**411.2**	**630.0**	**1.30**	**33.500**	**7.78**
STD DEV (GEOM *)				**34.3**	**55.9**	**61.2**	**14.45**	**4.721**	**0.15**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT HIGHWAY 59 SOUTH OF TAVISTOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-055-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0512275.0 4794600.0 4** REGION: **01** DISTANCE: **298.847**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 02 19 1435		.3	1	43958	3	4500C	35000	600>	600>	4	1.5	10.6	4.3
81 03 16 1300		.3	1	43047	6	160	280	160	70I	4<	0.0	11.5	1.5
81 04 14 1320		.3	1	43069	6	27000	180000	1500>	1500>	4<	7.0	9.5	6.0
81 05 19 1319		.3	1	43091	6	100I	19000	100<	600I	4<	14.5	13.6	2.8
81 06 17 1243		.3	1	43113	6	1500C	47000	710	280	4<	21.0	8.4	2.0
81 07 21 1400		.3	1	43135	6	5000C	62000C	1440	870	4<	23.0	8.5	4.9
81 09 22 1400		.3	1	43157	6	21000	52000	600>	600>	4<	13.5	9.5	1.0
81 10 20 1325		.3	1	43179	6	47000	140000	1470	1500>	4<	8.0	11.5	1.1
81 11 17 1330		.3	1	43203									1.7
81 12 14 1050		.3	1	43227	6	540	620	324	296	4<	1.0	7.0	1.8
MAXIMUM						**47000**	**180000**	**1470**	**870**	**4**	**23.0**	**13.6**	**6.0**
ARITH MEAN						**11867**	**59544**	**821**	**423**	**4**	**11.2**	**10.0**	**2.7**
GEOM MEAN						**2706**	**19670**	**600**	**314**		**7.3**	**9.8**	**2.3**
MINIMUM						**100**	**280**	**160**	**70**	**4**	**1.0**	**7.0**	**1.0**
STD DEV (GEOM *)						**9***	**10***	**3***	**3***		**8.3**	**2.0**	**1.7**
# SAMPLES (IN STATISTICS)						**9**	**9**	**5**	**5**	**1**	**8**	**9**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 02 19 1435		.3	1	0.372	0.178	0.565	2.060	0.041	4.400	5.006	1.495	6.501	249.0
81 03 16 1300		.3	1	0.065	0.040	0.090	0.730	0.019	5.200	5.309	0.640	5.949	347.3
81 04 14 1320		.3	1	0.530	0.245	0.355	2.450	0.062	3.500	3.917	2.095	6.012	447.2
81 05 19 1319		.3	1	0.059	0.006	0.060	0.910	0.036	4.400	4.496	0.850	5.346	388.0
81 06 17 1243		.3	1	0.145	0.065	0.615	1.570	0.114	0.630	1.359	0.955	2.314	363.7
81 07 21 1400		.3	1	0.250	0.105	0.105	1.710	0.047	0.040	0.192	1.605	1.797	326.1
81 09 22 1400		.3	1	0.167	0.123	0.025	1.160	0.106	5.690	5.821	1.135	6.956	450.0
81 10 20 1325		.3	1	0.124	0.078	0.005	1.080	0.016	7.100	7.121	1.075	8.196	447.0
81 11 17 1330		.3	1	0.066	0.041	0.115	0.800	0.032	3.300	3.447	0.685	4.132	420.40
81 12 14 1050		.3	1	0.079	0.047	0.190	0.840	0.025	4.400	4.615	0.650	5.265	416.7
	MAXIMUM			**0.530**	**0.245**	**0.615**	**2.450**	**0.114**	**7.100**	**7.121**	**2.095**	**8.196**	**450.0**
	ARITH MEAN			**0.186**	**0.093**	**0.212**	**1.331**	**0.050**	**3.866**	**4.128**	**1.118**	**5.247**	**385.5**
	GEOM MEAN			**0.140**	**0.065**	**0.107**	**1.224**	**0.041**	**2.353**	**3.095**	**1.036**	**4.794**	**379.9**
	MINIMUM			**0.059**	**0.006**	**0.005**	**0.730**	**0.016**	**0.040**	**0.192**	**0.640**	**1.797**	**249.0**
	STD DEV (GEOM *)			**0.156**	**0.073**	**0.222**	**0.590**	**0.035**	**2.160**	**2.056**	**0.480**	**2.001**	**65.0**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	PH
81 02 19 1435		.3	1	63.4	172.000	265.0	17.00	10.500	7.44
81 03 16 1300		.3	1	5.5	341.8	540.0	2.70	16.500	7.86
81 04 14 1320		.3	1	114.0	333.2	465.0	47.00	17.000	7.71
81 05 19 1319		.3	1	4.5	383.5	550.0	2.00	16.000	8.17
81 06 17 1243		.3	1	13.3	350.4	545.0	4.20	14.000	7.99
81 07 21 1400		.3	1	17.1	309.0	510.0	7.70	18.000	7.88
81 09 22 1400		.3	1	6.1	443.9	645.0	1.90	22.000	7.99
81 10 20 1325		.3	1	8.6	438.4	630.0	5.30	22.000	7.96
81 11 17 1330		.3	1	5.30	415.10	620.0	2.60	18.000	8.08
81 12 14 1050		.3	1	7.7	409.0	660.0	5.00	18.500	7.94
	MAXIMUM			**114.0**	**443.9**	**660.0**	**47.00**	**22.000**	**8.17**
	ARITH MEAN			**24.5**	**359.6**	**543.0**	**9.54**	**17.250**	**7.90**
	GEOM MEAN			**12.4**	**349.0**	**528.2**	**5.32**	**16.912**	**7.90**
	MINIMUM			**4.5**	**172.000**	**265.0**	**1.90**	**10.500**	**7.44**
	STD DEV (GEOM *)			**36.0**	**80.4**	**116.5**	**13.90**	**3.434**	**0.20**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 15 NEAR KENT BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-058-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0411900.0 4707150.0 4** REGION: **01** DISTANCE: **49.084**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
81 02 24 1340		.3	1	44013	3	575.000	1400	3500	320	490	4<	2.0	9.5
81 03 23 1300		.3	1	44024	6	35.900	340	1400	10I	10<	4<	4.0	10.5
81 04 27 1400		.3	1	44035	6	78.000	980C	2600	80I	90I	4<	12.0	9.5
81 05 25 1250		.3	1	44048	6	20.700	250C	7000	20	12	4<	20.0	9.0
81 06 22 1450		.3	1	44060	6	21.400	4000C	36000	248	528	8	23.0	7.0
81 07 27 1330		.3	1	44072	6	8.030	1000	23000	120	500I	4<	26.0	10.0
81 08 24 1250		.3	1	44084	6	9.600	490C	24000>	90I	40I	4<	24.0	7.5
81 09 28 1330		.3	1	44095	6	27.800	8600C	30000	140	24	4<	16.0	8.0
81 10 26 1310		.3	1	44106	6	148.000	3100	21000	320	170	8	10.0	9.0
81 11 23 1510		.3	1	44117	6	91.300	9700C	45000	600>	600>	24	4.0	9.5
	MAXIMUM					**575.000**	**9700**	**45000**	**320**	**528**	**24**	**26.0**	**10.5**
	ARITH MEAN					**101.573**	**2986**	**18833**	**150**	**232**	**13**	**14.1**	**8.9**
	GEOM MEAN					**42.806**	**1504**	**10855**	**95**	**111**	**12**	**10.6**	**8.9**
	MINIMUM					**8.030**	**250**	**1400**	**10**	**12**	**8**	**2.0**	**7.0**
	STD DEV (GEOM *)					**172.202**	**4***	**4***	**3***	**4***	**2***	**9.0**	**1.1**
	# SAMPLES (IN STATISTICS)					**10**	**10**	**9**	**9**	**8**	**3**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
81 02 24 1340		.3	1	2.2	0.315	0.121	0.260	1.450	0.046	5.800	6.106	1.190	7.296
81 03 23 1300		.3	1	1.1	0.065	0.025	0.090	0.660	0.043	6.210	6.343	0.570	6.913
81 04 27 1400		.3	1	0.8	0.102	0.012	0.015	1.120	0.022	5.730	5.767	1.105	6.872
81 05 25 1250		.3	1	2.3	0.074	0.005	0.095	1.030	0.020	4.900	5.015	0.935	5.950
81 06 22 1450		.3	1	1.9	0.152	0.023	0.040	1.020	0.044	2.440	2.524	0.980	3.504
81 07 27 1330		.3	1	4.4	0.220	0.007	0.030	1.480	0.013	1.140	1.183	1.450	2.633
81 08 24 1250		.3	1	2.7	0.198	0.023	0.025	1.100	0.013	1.560	1.598	1.075	2.673
81 09 28 1330		.3	1	1.5	0.144	0.036	0.005<	1.140	0.016	5.500	5.521	1.135	6.656
81 10 26 1310		.3	1	1.1	0.252	0.101	0.020	1.140	0.023	7.900	7.943	1.120	9.063
	MAXIMUM			**4.4**	**0.315**	**0.121**	**0.260**	**1.480**	**0.046**	**7.900**	**7.943**	**1.450**	**9.063**
	ARITH MEAN			**2.0**	**0.169**	**0.039**	**0.072**	**1.127**	**0.027**	**4.576**	**4.667**	**1.062**	**5.729**
	GEOM MEAN			**1.8**	**0.149**	**0.024**	**0.046**	**1.101**	**0.024**	**3.861**	**3.951**	**1.035**	**5.257**
	MINIMUM			**0.8**	**0.065**	**0.005**	**0.015**	**0.660**	**0.013**	**1.140**	**1.183**	**0.570**	**2.633**
	STD DEV (GEOM *)			**1.1**	**0.084**	**0.042**	**0.082**	**0.242**	**0.014**	**2.318**	**2.340**	**0.235**	**2.266**
	# SAMPLES (IN STATISTICS)			**9**	**9**	**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**

(CONTD)

B.O.W./ SITE: **THAMES RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 15 NEAR KENT BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-058-02**
STORET CODE: **02 003 2870**

LAT LONG: U T M: **17 0411900.0 4707150.0 4** REGION: **01** DISTANCE: **49.084**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 02 24 1340		.3	1	472.6	162.9	235.000	362.0	130.00	15.000	7.75
81 03 23 1300		.3	1	437.2	22.8	414.4	650.0	14.00	33.000	8.14
81 04 27 1400		.3	1	434.0	40.6	393.4	595.0	30.00	27.000	8.15
81 05 25 1250		.3	1	398.4	28.9	369.5	580.0	18.00	33.000	8.00
81 06 22 1450		.3	1	431.2	72.9	358.3	575.0	56.00	36.000	8.21
81 07 27 1330		.3	1	532.8	119.1	413.7	555.0	64.00	45.500	8.12
81 08 24 1250		.3	1	501.3	88.9	412.4	550.0	90.00	39.000	8.36
81 09 28 1330		.3	1	506.0	88.2	417.8	645.0	58.00	32.000	8.26
81 10 26 1310		.3	1	473.3	54.2	419.1	640.0	41.00	24.500	8.14
MAXIMUM				**532.8**	**162.9**	**419.1**	**650.0**	**130.00**	**45.500**	**8.36**
ARITH MEAN				**465.2**	**75.4**	**381.5**	**572.4**	**55.67**	**31.667**	**8.13**
GEOM MEAN				**463.4**	**63.2**	**376.3**	**565.2**	**44.98**	**30.387**	**8.12**
MINIMUM				**398.4**	**22.8**	**235.000**	**362.0**	**14.00**	**15.000**	**7.75**
STD DEV (GEOM *)				**43.3**	**45.4**	**59.2**	**87.7**	**36.76**	**8.793**	**0.17**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**

B.O.W./ SITE: **LAWTON DRAIN**
SAMPLE POINT: **AT CO.RD.32 2MILES SOUTH OF DORCHESTER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-059-02**
STORET CODE: **02 003 2870**

LAT LONG: U T M: **17 0495600.0 4757500.0 4** REGION: **01** DISTANCE: **224.980**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 0943		.3	1	40510	6	14000	11000	600>	600>	52C	1.0	10.0	1.5
81 02 16 0945		.3	1	40525	6	13000		5800	550		2.5	11.8	1.3
81 03 16 0936		.3	1	40543	6	300A	4600	160	300	4<	1.0	13.0	1.2
81 04 21 0942		.3	1	40560	6	400C	3600	50I	10<	4<	5.5	10.1	1.1
81 05 21 0912		.3	1	40583	6	370C	24000>	216	124	4<	12.0	10.8	1.3
81 06 16 0929		.3	1	40603	6	3000C	44000	680	460	4<	19.8	7.0	2.4
81 07 27 0914		.3	1	40623	6	121C	9100	196	600>	4	16.5	9.4	1.2
81 08 18 0914		.3	1	40637	6	4000C	30000	200	248	4<	13.7	10.1	1.6
81 09 21 0921		.3	1	40662	6	780C	8000	150	160	4<	10.2	9.1	0.7
81 10 21 1045		.3	1	40682	6	680C	3400	100	110	4<	9.0	9.1	1.6
81 11 16 0935		.3	1	40702	6	270	2200	30I	10<	4<	4.9	11.2	1.7
81 12 03 0953		.3	1	40722	6	520	1810	140	340	8	3.3	11.6	1.9
MAXIMUM						**14000**	**44000**	**5800**	**550**	**52**	**19.8**	**13.0**	**2.4**
ARITH MEAN						**3120**	**11771**	**702**	**286**	**21**	**8.3**	**10.3**	**1.5**
GEOM MEAN						**989**	**6878**	**196**	**247**	**12**	**5.7**	**10.2**	**1.4**
MINIMUM						**121**	**1810**	**30**	**110**	**4**	**1.0**	**7.0**	**0.7**
STD DEV (GEOM *)						**5***	**3***	**4***	**2***	**4***	**6.3**	**1.6**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**10**	**11**	**8**	**3**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 0943		.3	1	0.173	0.118	0.855	1.350	0.017	1.510	2.382	0.495	2.877	366.00
81 02 16 0945		.3	1	0.094	0.055	0.355	0.920	0.022	1.820	2.197	0.565	2.762	550.00
81 03 16 0936		.3	1	0.049	0.013	0.100	0.500	0.014	1.940	2.054	0.400	2.454	442.50
81 04 21 0942		.3	1	0.052	0.015	0.130	0.670	0.028	2.200	2.358	0.540	2.898	473.60
81 05 21 0912		.3	1	0.075	0.028	0.055	0.610	0.013	1.530	1.598	0.555	2.153	417.60
81 06 16 0929		.3	1	0.204	0.025	0.175	1.100	0.051	1.360	1.586	0.925	2.511	450.80
81 07 27 0914		.3	1	0.037	0.004	0.025	0.450	0.030	1.950	2.005	0.425	2.430	321.50
81 08 18 0914		.3	1	0.039	0.002	0.025	0.510	0.018	1.290	1.333	0.485	1.818	365.80
81 09 21 0921		.3	1	0.027	0.007	0.020	0.400	0.019	1.400	1.439	0.380	1.819	379.00
81 10 21 1045		.3	1	0.045	0.008	0.005<	0.690	0.019	1.700	1.724	0.685	2.409	505.40
81 11 16 0935		.3	1	0.039	0.006	0.005<	0.600	0.018	7.980	8.003	0.595	8.598	427.10
81 12 03 0953		.3	1	0.104	0.024	0.090	1.140	0.021	2.130	2.241	1.050	3.291	476.70
MAXIMUM				**0.204**	**0.118**	**0.855**	**1.350**	**0.051**	**7.980**	**8.003**	**1.050**	**8.598**	**550.00**
ARITH MEAN				**0.078**	**0.025**	**0.183**	**0.745**	**0.022**	**2.234**	**2.410**	**0.592**	**3.002**	**431.33**
GEOM MEAN				**0.064**	**0.014**	**0.092**	**0.692**	**0.021**	**1.918**	**2.107**	**0.564**	**2.725**	**426.69**
MINIMUM				**0.027**	**0.002**	**0.020**	**0.400**	**0.013**	**1.290**	**1.333**	**0.380**	**1.818**	**321.50**
STD DEV (GEOM *)				**0.057**	**0.033**	**0.257**	**0.309**	**0.010**	**1.835**	**1.798**	**0.206**	**1.815**	**65.70**
# SAMPLES (IN STATISTICS)				**12**	**12**	**10**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
81 01 19 0943		.3	1	6.70	359.30	610.0	4.00	30.500	39.000	5.400	15.100	248.0	7.96
81 02 16 0945		.3	1	8.10	541.90	920.0	1.20	130.000	37.500	4.400	21.700	237.0	7.78
81 03 16 0936		.3	1	7.20	435.30	700.0	1.60	58.000	39.500	3.900	5.440	242.0	8.00
81 04 21 0942		.3	1	7.50	466.10	730.0	3.40	66.500	39.500	3.420	17.500	247.0	8.07
81 05 21 0912		.3	1	4.00	413.60	650.0	2.00	45.000	37.000	3.540	4.809	241.0	7.92
81 06 16 0929		.3	1	33.90	416.90	662.0	22.00	48.000	35.500		5.600	245.0	7.93
81 07 27 0914		.3	1	8.50	313.00	530.0	3.20	23.500	41.500	2.180	5.600	205.0	7.94
81 08 18 0914		.3	1	3.90	361.90	595.0	2.20	40.500	34.500		3.700	226.0	8.01
81 09 21 0921		.3	1	3.80	375.20	645.0	2.00	42.500	37.500	4.800	0.000	244.0	8.32
81 10 21 1045		.3	1	4.30	501.10	780.0	2.60	66.000	40.500		5.800	268.0	8.00
81 11 16 0935		.3	1	2.50	424.60	670.0	0.87	42.000	40.000	4.600	2.000	251.0	8.15
81 12 03 0953		.3	1	6.30	470.40	730.0	2.40	57.500	43.000	3.680	31.400	265.0	8.08
MAXIMUM				**33.90**	**541.90**	**920.0**	**22.00**	**130.000**	**43.000**	**5.400**	**31.400**	**268.0**	**8.32**
ARITH MEAN				**8.06**	**423.27**	**685.2**	**3.96**	**54.167**	**38.750**	**3.991**	**10.785**	**243.2**	**8.01**
GEOM MEAN				**6.23**	**418.63**	**678.8**	**2.58**	**49.434**	**38.678**	**3.879**	**7.781**	**242.7**	**8.01**
MINIMUM				**2.50**	**313.00**	**530.0**	**0.87**	**23.500**	**34.500**	**2.180**	**2.000**	**205.0**	**7.78**
STD DEV (GEOM *)				**8.37**	**65.22**	**99.9**	**5.75**	**27.240**	**2.454**	**0.942**	**9.371**	**16.5**	**0.13**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**9**	**11**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF.REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
81 01 19 0943		.3	1	2.000	0.490	287.000	81.000	20.600	17.000	2.00	22.200	17
81 02 16 0945		.3	1	1.000<	0.360	287.000	85.500	17.800	22.000	2.10	76.500	58
81 03 16 0936		.3	1	1.000<	0.300	286.000	83.500	18.800	13.000	1.80	34.000	25
81 04 21 0942		.3	1	1.000<	0.330	300.000	90.000	18.200	33.000	1.90	37.600	66
81 05 21 0912		.3	1	1.000<	0.200	289.000	81.500	20.600	18.000	2.10	31.000	19
81 06 16 0929		.3	1	1.000<	2.150	286.000	83.000	19.000	36.000	2.200	33.500	30
81 07 27 0914		.3	1	1.000<	0.440	249.000	70.000	18.000	12.000	1.80	15.800	9
81 08 18 0914		.3	1	1.000<	0.210	265.000	74.000	19.400	21.000	2.30	26.800	20
81 09 21 0921		.3	1	1.000<	0.200	284.000	81.500	19.400	12.000	2.05	32.500	13
81 10 21 1045		.3	1		0.220	259.000	98.000	16.400	30.000	2.75	40.000	28
81 11 16 0935		.3	1	1.000<	0.200	308.000	91.500	19.200	16.000	1.85	27.500	21
81 12 03 0953		.3	1	1.000<	0.170	312.000	93.000	19.400	38.000	2.80	35.000	17
MAXIMUM				**2.000**	**2.150**	**312.000**	**98.000**	**20.600**	**38.000**	**2.80**	**76.500**	**66**
ARITH MEAN				**2.000**	**0.439**	**284.333**	**84.375**	**18.900**	**22.333**	**2.13**	**34.367**	**27**
GEOM MEAN					**0.317**	**283.753**	**84.030**	**18.865**	**20.569**	**2.11**	**32.095**	**23**
MINIMUM				**2.000**	**0.170**	**249.000**	**70.000**	**16.400**	**12.000**	**1.80**	**15.800**	**9**
STD DEV (GEOM *)					**0.549**	**18.773**	**7.912**	**1.183**	**9.509**	**0.33**	**14.865**	**17**
# SAMPLES (IN STATISTICS)				**1**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./SITE: **BIG SWAMP DRAIN**
SAMPLE POINT: **UPSTR.OF CO.RD.SOUTH OF DORCHESTER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-060-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M.: **17 0495700.0 4758000.0 4** REGION: **01** DISTANCE: **224.900**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1000		.3	1	40511	6	7800	7200	1500>	1500>	24	0.0	10.6	0.4
81 02 16 1000		.3	1	40526	6	2700		1120	230		1.0	11.2	0.8
81 03 16 0945		.3	1	40544	6	10<	410	10<	10<	4<	1.0	11.9	0.2
81 04 21 0955		.3	1	40561	6	160C	3400	4<	12	4<	5.5	9.6	0.7
81 05 21 0930		.3	1	40584	6	320C	3500	192	68	4<	11.2	9.5	0.8
81 06 16 0940		.3	1	40604	6	1800C	89000	620	280	4<	19.6	6.8	0.8
81 07 27 0927		.3	1	40624	6	900C	6100	228	468	4<	17.0	9.0	0.8
81 08 18 0923		.3	1	40638	6	2700C	31000	152	348	4<	14.0	9.9	1.0
81 09 21 0938		.3	1	40663	6	540C	5600	90I	92	4<	9.5	8.9	0.5
81 10 21 1100		.3	1	40683	6	390C	3200	48	84	4<	8.0	8.6	1.0
81 11 16 0955		.3	1	40703	6	530	620	16	24	4<	4.8	10.4	0.9
81 12 03 1012		.3	1	40723	6	180	1300	10I	80I	4<	3.0	11.6	0.5
MAXIMUM						**7800**	**89000**	**1120**	**468**	**24**	**19.6**	**11.9**	**1.0**
ARITH MEAN						**1638**	**13757**	**275**	**169**	**24**	**8.6**	**9.8**	**0.7**
GEOM MEAN						**807**	**4267**	**114**	**102**		**5.9**	**9.7**	**0.6**
MINIMUM						**160**	**410**	**10**	**12**	**24**	**1.0**	**6.8**	**0.2**
STD DEV (GEOM *)						**3***	**5***	**5***	**3***		**6.3**	**1.4**	**0.2**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**10**	**1**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 1000		.3	1	0.027	0.011	0.125	0.450	0.011	0.900	1.036	0.325	1.361	336.00
81 02 16 1000		.3	1	0.026	0.009	0.080	0.440	0.009	0.540	0.629	0.360	0.989	389.70
81 03 16 0945		.3	1	0.012	0.004	0.020	0.300	0.005	0.470	0.495	0.280	0.775	322.20
81 04 21 0955		.3	1	0.011	0.001	0.005	0.410	0.003	0.270	0.278	0.405	0.683	319.10
81 05 21 0930		.3	1	0.049	0.005	0.020	0.460	0.004	0.640	0.664	0.440	1.104	377.00
81 06 16 0940		.3	1	0.032	0.003	0.025	0.730	0.012	0.320	0.357	0.705	1.062	385.80
81 07 27 0927		.3	1	0.023	0.006	0.030	0.360	0.019	0.870	0.919	0.330	1.249	368.60
81 08 18 0923		.3	1	0.027	0.004	0.025	0.500	0.009	0.480	0.514	0.475	0.989	393.00
81 09 21 0938		.3	1	0.014	0.004	0.010	0.450	0.006	0.410	0.426	0.440	0.866	373.40
81 10 21 1100		.3	1	0.036	0.003	0.005<	0.660	0.002	0.110	0.117	0.655	0.772	364.60
81 11 16 0955		.3	1	0.012	0.003	0.005	0.370	0.003	0.450	0.458	0.365	0.823	365.10
81 12 03 1012		.3	1	0.010	0.004	0.005	0.380	0.002	0.220	0.227	0.375	0.602	330.50
MAXIMUM				**0.049**	**0.011**	**0.125**	**0.730**	**0.019**	**0.900**	**1.036**	**0.705**	**1.361**	**393.00**
ARITH MEAN				**0.023**	**0.005**	**0.032**	**0.459**	**0.007**	**0.473**	**0.510**	**0.430**	**0.940**	**360.42**
GEOM MEAN				**0.020**	**0.004**	**0.019**	**0.446**	**0.006**	**0.411**	**0.440**	**0.414**	**0.914**	**359.50**
MINIMUM				**0.010**	**0.001**	**0.005**	**0.300**	**0.002**	**0.110**	**0.117**	**0.280**	**0.602**	**319.10**
STD DEV (GEOM *)				**0.012**	**0.003**	**0.037**	**0.123**	**0.005**	**0.241**	**0.270**	**0.130**	**0.228**	**26.58**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
81 01 19 1000		.3	1	5.00	331.00	590.0	2.50	41.000	34.000	4.300	18.400	225.0	7.95
81 02 16 1000		.3	1	5.30	384.40	630.0	1.00	62.000	26.500	4.200	12.600	214.0	7.75
81 03 16 0945		.3	1	0.60	321.60	520.0	0.50	38.000	24.000	2.760	19.400	194.0	7.90
81 04 21 0955		.3	1	3.40	315.70	485.0	0.65	35.000	20.000	1.940	13.600	188.0	8.07
81 05 21 0930		.3	1	3.10	373.90	562.0	1.20	39.000	27.500	2.580	3.900	218.0	7.98
81 06 16 0940		.3	1	6.30	379.50	565.0	1.70	37.000	18.000	5.400	5.600	233.0	7.92
81 07 27 0927		.3	1	4.10	364.50	610.0	1.70	46.500	37.500	3.200	5.600	221.0	8.00
81 08 18 0923		.3	1	1.60	391.40	615.0	1.40	44.500	26.000		3.700	243.0	8.08
81 09 21 0938		.3	1	0.50	372.90	615.0	0.80	43.500	35.000	5.200	0.000	245.0	8.30
81 10 21 1100		.3	1	0.30	364.30	555.0	0.35	40.000	15.000		6.800	227.0	7.96
81 11 16 0955		.3	1	0.70	364.40	670.0	0.57	40.000	23.500	3.800	2.900	222.0	8.07
81 12 03 1012		.3	1	0.80	329.70	525.0	0.50	40.000	19.000	4.600	17.600	199.0	8.22
MAXIMUM				**6.30**	**391.40**	**670.0**	**2.50**	**62.000**	**37.500**	**5.400**	**19.400**	**245.0**	**8.30**
ARITH MEAN				**2.64**	**357.77**	**578.5**	**1.07**	**42.208**	**25.500**	**3.798**	**10.009**	**219.1**	**8.02**
GEOM MEAN				**1.70**	**356.88**	**576.2**	**0.91**	**41.757**	**24.592**	**3.625**	**8.082**	**218.4**	**8.02**
MINIMUM				**0.30**	**315.70**	**485.0**	**0.35**	**35.000**	**15.000**	**1.940**	**2.900**	**188.0**	**7.75**
STD DEV (GEOM *)				**2.16**	**26.14**	**53.0**	**0.65**	**7.008**	**7.116**	**1.153**	**6.424**	**18.0**	**0.15**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**11**	**12**	**12**

(CONTD)

B.O.W./ SITE: **BIG SWAMP DRAIN**
SAMPLE POINT: **UPSTR.OF CO.RD.SOUTH OF DORCHESTER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-060-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0495700.0 4758000.0 4** REGION: **01** DISTANCE: **224.900**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 01 19 1000		.3	1	1.000<	0.280	277.000	79.000	19.400	18.000	1.40	21.800	15
81 02 16 1000		.3	1	1.000<	0.210	248.000	72.000	16.600	25.000	1.65	29.800	29
81 03 16 0945		.3	1	1.000<	0.050	236.000	69.500	15.000	25.000	1.45	19.500	20
81 04 21 0955		.3	1	1.000<	0.120	219.000	65.000	13.800	44.000	1.55	17.600	50
81 05 21 0930		.3	1	1.000<	0.210	264.000	75.500	18.200	30.000	1.60	20.500	19
81 06 16 0940		.3	1	1.000<	0.260	265.000	78.000	17.000	66.000	1.80	21.600	27
81 07 27 0927		.3	1	1.000<	0.240	274.000	78.500	18.800	28.000	1.10	23.000	11
81 08 18 0923		.3	1	1.000<	0.190	283.000	81.000	19.600	42.000	1.80	24.400	24
81 09 21 0938		.3	1	1.000<	0.280	287.000	85.000	18.200	34.000	1.80	29.000	26
81 10 21 1100		.3	1	1.000	0.070				52.000	2.40	21.400	41
81 11 16 0955		.3	1	1.000<	0.180	271.000	80.000	17.200	25.000	1.50	21.200	42
81 12 03 1012		.3	1	1.000<	0.120	233.000	69.000	14.800	37.000	1.60	21.200	23
MAXIMUM				**1.000**	**0.280**	**287.000**	**85.000**	**19.600**	**66.000**	**2.40**	**29.800**	**50**
ARITH MEAN				**1.000**	**0.184**	**259.727**	**75.682**	**17.145**	**35.500**	**1.64**	**22.583**	**27**
GEOM MEAN					**0.164**	**258.815**	**75.456**	**17.042**	**33.338**	**1.61**	**22.340**	**25**
MINIMUM				**1.000**	**0.050**	**219.000**	**65.000**	**13.800**	**18.000**	**1.10**	**17.600**	**11**
STD DEV (GEOM *)					0.079	22.437	6.072	1.941	13.635	0.31	3.596	12
# SAMPLES (IN STATISTICS)				1	12	11	11	11	12	12	12	12

B.O.W./ SITE: **TURKEY CREEK**
SAMPLE POINT: **AT COUNTY RD 19 SOUTH OF SOUTHWOLD**
STATION TYPE: **RIVER**

MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-061-02**
STORET CODE: **00 003 2870**

LAT: LONG: U.T.M: **17 0470300.0 4739250.0 4** REGION: **01** DISTANCE: **163.344**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 24 1540		.3	1	44016	6 3	1000I	9000	90I	670	4<	2.0	8.5	2.6
81 03 24 1145		.3	1	44027	6	4000	5400	164	1500>	4<	7.0	16.0	2.2
81 04 28 1115		.3	1	44039	6	6700C	31000	3900	5600		9.0	8.0	3.6
81 05 27 0915		.3	1	44051	6	31000	76000	3900	10500	4	11.0	6.0	3.4
81 06 23 1100		.3	1	44063	6	50000	152000	4000	2400	4<	18.0	8.0	
81 07 29 1045		.3	1	44075	6	280000	350000	52000	40000>	4<	18.0	6.0	4.6
81 09 29 1000		.3	1	44098	6	53000	150000	6400	4700	4<	11.0	6.5	1.8
81 10 27 1100		.3	1	44109	6	56000C	590000	5300	7800	72	8.0	8.5	3.6
81 11 25 1045		.3	1	44120	6	4000I	1000<	400I	300I	4<	1.0	7.5	2.2
MAXIMUM						**280000**	**590000**	**52000**	**10500**	**72**	**18.0**	**16.0**	**4.6**
ARITH MEAN						**53967**	**170425**	**8462**	**4567**	**38**	**9.4**	**8.3**	**3.0**
GEOM MEAN						**17290**	**69416**	**2048**	**2698**	**17**	**7.0**	**8.0**	**2.9**
MINIMUM						**1000**	**5400**	**90**	**300**	**4**	**1.0**	**6.0**	**1.8**
STD DEV (GEOM *)						6*	5*	8*	4*	8*	6.0	3.0	1.0
# SAMPLES (IN STATISTICS)						9	8	9	7	2	9	9	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 24 1540		.3	1	0.200	0.097	0.080	2.450	0.046	4.800	4.926	2.370	7.296	291.6
81 03 24 1145		.3	1	0.035	0.007	0.025	0.610	0.007	2.300	2.332	0.585	2.917	490.50
81 04 28 1115		.3	1	1.780	0.185	0.140	4.500	0.059	5.370	5.569	4.360	9.929	1261.90
81 05 27 0915		.3	1	0.195	0.042	0.520	1.750	0.055	1.800	2.375	1.230	3.605	576.60
81 06 23 1100		.3	1	0.100	0.042	0.050	2.600	0.173	35.600	35.823	2.550	38.373	879.60
81 07 29 1045		.3	1	0.336	0.123	1.500	3.120	0.094	2.400	3.994	1.620	5.614	695.70
81 09 29 1000		.3	1	0.108	0.043	0.605	1.550	0.023	2.300	2.928	0.945	3.873	539.20
81 10 27 1100		.3	1	0.490	0.210	0.165	2.000	0.032	3.500	3.697	1.835	5.532	532.60
81 11 25 1045		.3	1	0.066	0.031	0.060	0.800	0.011	3.190	3.261	0.740	4.001	516.70
MAXIMUM				**1.780**	**0.210**	**1.500**	**4.500**	**0.173**	**35.600**	**35.823**	**4.360**	**38.373**	**1261.90**
ARITH MEAN				**0.368**	**0.087**	**0.349**	**2.153**	**0.056**	**6.807**	**7.212**	**1.804**	**9.016**	**642.7**
GEOM MEAN				**0.187**	**0.058**	**0.159**	**1.836**	**0.037**	**3.950**	**4.507**	**1.504**	**6.227**	**595.7**
MINIMUM				**0.035**	**0.007**	**0.025**	**0.610**	**0.007**	**1.800**	**2.332**	**0.585**	**2.917**	**291.6**
STD DEV (GEOM *)				**0.549**	**0.072**	**0.481**	**1.199**	**0.052**	**10.864**	**10.784**	**1.180**	**11.222**	**281.0**
# SAMPLES (IN STATISTICS)				9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 02 24 1540		.3	1	20.8	244	375.0	21.00	31.000	24.000	13.600	96.9	7.62	1.0
81 03 24 1145		.3	1	6.90	483.60	710.0	5.70	66.500	71.500	17.500	197.0	8.33	1.000<
81 04 28 1115		.3	1	958.40	303.50	379.0	900.00	24.500	39.500	13.600	126.0	7.68	1.000
81 05 27 0915		.3	1	72.80	503.80	775.0	48.00	51.500	77.500	7.500	278.0	7.84	2.500
81 06 23 1100		.3	1	13.30	866.30	1130.0	11.00	118.000	66.500	5.600	204.0	7.93	1.000<
81 07 29 1045		.3	1	52.50	643.20	925.0	34.00	103.000	91.500	2.900	217.0	7.66	1.000<
81 09 29 1000		.3	1	19.90	519.30	805.0	14.00	54.000	71.500	5.800	270.0	7.90	1.000
81 10 27 1100		.3	1	113.90	418.70	550.0	145.00	38.000	47.000	9.800	165.0	7.58	1.000<
81 11 25 1045		.3	1	12.60	504.10	785.0	19.00	52.500	81.500	3.900	258.0	8.09	1.000<
MAXIMUM				**958.40**	**866.30**	**1130.0**	**900.00**	**118.000**	**91.500**	**17.500**	**278.0**	**8.33**	**2.500**
ARITH MEAN				**141.2**	**498**	**714.9**	**133.08**	**59.889**	**63.389**	**8.911**	**201.3**	**7.85**	**1.3**
GEOM MEAN				**38.8**	**469**	**673.2**	**34.79**	**53.186**	**59.069**	**7.628**	**191.1**	**7.84**	**1.2**
MINIMUM				**6.90**	**244**	**375.0**	**5.70**	**24.500**	**24.000**	**2.900**	**96.9**	**7.58**	**1.0**
STD DEV (GEOM *)				308.4	182	247.2	290.74	31.632	21.936	5.030	63.2	0.25	0.7
# SAMPLES (IN STATISTICS)				9	9	9	9	9	9	9	9	9	4

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	PBUT LEAD UNF.TOT. MG/L AS PB
81 02 24 1540		.3	1	1.400	157.000	50.000	7.800	69.000	2.80	14.600	61	0.200
81 03 24 1145		.3	1	0.280	297.000	86.500	19.600	26.000	2.00	34.000	31	
81 04 28 1115		.3	1	46.500	205.000	66.000	9.600	850.000	4.45	9.200	97	
81 05 27 0915		.3	1	3.200	389.000	114.000	25.200	27.000	2.60	28.000	37	
81 06 23 1100		.3	1	0.560	462.000	140.000	27.200	38.000	3.40	48.500	56	
81 07 29 1045		.3	1	2.540	376.000	111.000	23.800	64.000	8.20	34.500	48	
81 09 29 1000		.3	1	0.920	404.000	116.500	27.400	23.000	3.95	11.600	27	
81 10 27 1100		.3	1	8.250	246.000	74.500	14.600	162.000	7.85	13.700	56	
81 11 25 1045		.3	1	1.000	380.000	114.000	23.000	27.000	2.60	25.400	32	
MAXIMUM				**46.500**	**462.000**	**140.000**	**27.400**	**850.000**	**8.20**	**48.500**	**97**	**0.200**
ARITH MEAN				**7.183**	**324.000**	**96.944**	**19.800**	**142.889**	**4.21**	**24.389**	**49**	**0.200**
GEOM MEAN				**2.047**	**307.239**	**92.595**	**18.211**	**59.997**	**3.75**	**21.196**	**46**	
MINIMUM				**0.280**	**157.000**	**50.000**	**7.800**	**23.000**	**2.00**	**9.200**	**27**	**0.200**
STD DEV (GEOM *)				**14.945**	**102.696**	**29.133**	**7.442**	**268.783**	**2.29**	**13.202**	**22**	
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**1**

B.O.W./ SITE: **TROUT CREEK**
SAMPLE POINT: **AT PERTH COUNTY ROAD NO 28 ST.MARY'S**
STATION TYPE: **RIVER FLOW GAUGE FED 02GD009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-064-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0492200.0 4790750.0 4** REGION: **01** DISTANCE: **258.936**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 01 19 1435		.3	1	43008	6 8	0.271	70I	300	10<	10<	4<	1.0	11.5
81 02 19 1342		.3	1	43960	3	0.233	1500	18000	236	600>	12	6.0	9.6
81 03 16 1330		.3	1	43049	6	2.690	30I	110	20I	10<	4<	1.0	10.5
81 04 14 1350		.3	1	43071	6	0.939	108	696	16	36	4<	7.0	12.0
81 05 19 1405		.3	1	43093	6	0.908	180	1170	28	12	4<	13.8	9.8
81 06 17 1325		.3	1	43115	5 6	1.210	490C	8200	268	180	4<	19.0	7.8
81 07 21 1445		.3	1	43137	6	1.700	1000C	35000	320	204	4<	20.0	7.0
81 09 22 1450		.3	1	43159		4.700	1300	19000	512	156	4<		
81 10 20 1420		.3	1	43181	6	2.670	320	1800	240	70I	4<	10.0	9.5
81 11 17 1350		.3	1	43205	5	0.730	350	520	310	110	4<	6.0	10.5
81 12 14 1130		.3	1	43229	6	0.805	80I	310	80I	50I	4<	2.0	10.5
MAXIMUM						**4.700**	**1500**	**35000**	**512**	**204**	**12**	**20.0**	**12.0**
ARITH MEAN						**1.532**	**493**	**7737**	**203**	**102**	**12**	**8.6**	**9.9**
GEOM MEAN						**1.074**	**259**	**1829**	**119**	**75**		**5.5**	**9.8**
MINIMUM						**0.233**	**30**	**110**	**16**	**12**	**12**	**1.0**	**7.0**
STD DEV (GEOM *)						**1.341**	**4***	**7***	**4***	**3***		**7.0**	**1.5**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**8**	**1**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 19 1435		.3	1	1.3	0.048	0.004	0.260	0.820	0.017	2.100	2.377	0.560	2.937
81 02 19 1342		.3	1	2.6	0.103	0.019	0.255	0.950	0.023	2.300	2.578	0.695	3.273
81 03 16 1330		.3	1	0.6	0.060	0.027	0.160	0.770	0.026	4.720	4.906	0.610	5.516
81 04 14 1350		.3	1	2.2	0.055	0.004	0.045	0.790	0.027	4.100	4.172	0.745	4.917
81 05 19 1405		.3	1	2.5	0.090	0.002	0.065	1.000	0.025	3.000	3.090	0.935	4.025
81 06 17 1325		.3	1	1.4	0.065	0.005	0.195	0.750	0.055	2.290	2.540	0.555	3.095
81 07 21 1445		.3	1	1.3	0.059	0.003	0.195	0.720	0.210	0.900	1.305	0.525	1.830
81 09 22 1450		.3	1	1.6	0.118	0.001	0.010	1.080	0.035	0.800	0.845	1.070	1.915
81 10 20 1420		.3	1	1.3	0.067	0.003	0.095	1.010	0.027	1.540	1.662	0.915	2.577
81 11 17 1350		.3	1	3.7	0.134	0.001	0.105	1.620	0.043	3.600	3.748	1.515	5.263
81 12 14 1130		.3	1	1.6	0.056	0.005	0.150	0.880	0.022	4.400	4.572	0.730	5.302
MAXIMUM				**3.7**	**0.134**	**0.027**	**0.260**	**1.620**	**0.210**	**4.720**	**4.906**	**1.515**	**5.516**
ARITH MEAN				**1.8**	**0.078**	**0.007**	**0.140**	**0.945**	**0.046**	**2.705**	**2.890**	**0.805**	**3.695**
GEOM MEAN				**1.7**	**0.073**	**0.004**	**0.105**	**0.920**	**0.034**	**2.336**	**2.560**	**0.765**	**3.448**
MINIMUM				**0.6**	**0.048**	**0.001**	**0.010**	**0.720**	**0.017**	**0.800**	**0.845**	**0.525**	**1.830**
STD DEV (GEOM *)				**0.9**	**0.029**	**0.008**	**0.083**	**0.254**	**0.056**	**1.368**	**1.342**	**0.294**	**1.377**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 19 1435		.3	1	356.1	18.8	337.3	600.0	9.40	12.500	7.90
81 02 19 1342		.3	1	320.4	31.0	289.4	480.0	10.00	20.000	7.56
81 03 16 1330		.3	1	304.6	10.2	294.4	466.0	7.00	11.000	7.86
81 04 14 1350		.3	1	296.7	13.0	283.7	398.0	5.80	12.500	8.38
81 05 19 1405		.3	1	310.70	26.80	283.90	411.0	14.00	11.000	7.78
81 06 17 1325		.3	1	291.8	20.4	271.4	423.0	9.40	10.500	8.10
81 07 21 1445		.3	1	260.9	5.7	255.2	429.0	3.90	10.000	8.14
81 09 22 1450		.3	1	275.90	34.90	252.800	389.0	17.00	11.000	8.22
81 10 20 1420		.3	1	302.8	19.4	283.4	445.0	9.70	11.500	8.35
81 11 17 1350		.3	1	411.8	57.2	354.6	545.0	25.00	13.000	8.27
81 12 14 1130		.3	1	401.8	17.0	384.8	630.0	9.70	14.000	8.10
MAXIMUM				**411.8**	**57.2**	**384.8**	**630.0**	**25.00**	**20.000**	**8.38**
ARITH MEAN				**321.2**	**23.1**	**299.1**	**474.2**	**10.99**	**12.455**	**8.06**
GEOM MEAN				**318.0**	**19.5**	**296.6**	**468.2**	**9.78**	**12.228**	**8.06**
MINIMUM				**260.9**	**5.7**	**252.800**	**389.0**	**3.90**	**10.000**	**7.56**
STD DEV (GEOM *)				**48.7**	**14.2**	**41.8**	**82.3**	**5.86**	**2.770**	**0.26**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **SHARON CREEK**
SAMPLE POINT: **AT SHARON RESERVOIR OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-065-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0467200.0 4747900.0 4** REGION: **01** DISTANCE: **172.517**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 0945		.3	1	44006	6	136	600	8	4<	4<	2.0		2.5
81 02 24 1610		.3	1	44017	6	176C	3600	76	412	4<	2.0	8.0	3.6
81 03 24 1225		.3	1	44028	6	20I	60	4<	4<	4<	6.5	17.5	5.0
81 04 28 1145		.3	1	44040	6	170	550	8	16	4<	9.0	11.5	3.1
81 05 27 0945		.3	1	44052	6	120C	3800	4<	4	4<	9.0	8.0	2.5
81 06 23 1130		.3	1	44064	6	1400C	53000	8	20	4<	23.0	7.5	0.7
81 07 29 1105		.3	1	44076	6	390C	24000>	40	124	4<	22.0	8.5	1.7
81 08 25 1030		.3	1	44087	6	200	1720	4<	16	4<	23.0	9.0	1.2
81 09 29 1020		.3	1	44099	6	1310	1600	44	4<	4<	15.0	6.0	1.5
81 10 27 1135		.3	1	44110	6	5100	3600	136	48	4<	12.0	9.5	1.8
81 11 25 1120		.3	1	44121	6	1000	4900	356	272	4<	3.0	8.5	3.4
MAXIMUM						**5100**	**53000**	**356**	**412**		**23.0**	**17.5**	**5.0**
ARITH MEAN						**911**	**7343**	**84**	**114**		**11.5**	**9.4**	**2.5**
GEOM MEAN						**340**	**1924**	**37**	**44**		**8.3**	**9.0**	**2.2**
MINIMUM						**20**	**60**	**8**	**4**		**2.0**	**6.0**	**0.7**
STD DEV (GEOM *)						**5***	**6***	**4***	**5***		**8.2**	**3.2**	**1.3**
# SAMPLES (IN STATISTICS)						**11**	**10**	**8**	**8**		**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 27 0945		.3	1	0.047	0.026	0.580	1.190	0.100	5.500	6.180	0.610	6.790	490.2
81 02 24 1610		.3	1	0.300	0.195	0.665	1.850	0.046	3.700	4.411	1.185	5.596	232.9
81 03 24 1225		.3	1	0.124	0.034	0.010	1.280	0.048	4.600	4.658	1.270	5.928	239.2
81 04 28 1145		.3	1	0.111	0.025	0.055	1.170	0.063	6.190	6.308	1.115	7.423	324.2
81 05 27 0945		.3	1	0.054	0.003	1.300	1.300	0.240	4.000	5.540	0.000	5.540	391.0
81 06 23 1130		.3	1	0.033	0.012	0.165	1.040	0.128	5.200	5.493	0.875	6.368	277.0
81 07 29 1105		.3	1	0.043	0.003	0.060	1.010	0.105	4.900	5.065	0.950	6.015	336.2
81 08 25 1030		.3	1	0.014	0.001	0.045	0.590	0.078	4.070	4.193	0.545	4.738	306.8
81 09 29 1020		.3	1	0.037	0.005	0.260	1.070	0.072	2.300	2.632	0.810	3.442	305.3
81 10 27 1135		.3	1	0.061	0.004	0.035	1.010	0.058	3.600	3.693	0.975	4.668	318.9
81 11 25 1120		.3	1	0.092	0.007	0.180	1.360	0.056	5.940	6.176	1.180	7.356	402.6
MAXIMUM				**0.300**	**0.195**	**1.300**	**1.850**	**0.240**	**6.190**	**6.308**	**1.270**	**7.423**	**490.2**
ARITH MEAN				**0.083**	**0.029**	**0.305**	**1.170**	**0.090**	**4.545**	**4.941**	**0.951**	**5.806**	**329.5**
GEOM MEAN				**0.061**	**0.010**	**0.131**	**1.132**	**0.080**	**4.395**	**4.799**	**0.920**	**5.680**	**322.1**
MINIMUM				**0.014**	**0.001**	**0.010**	**0.590**	**0.046**	**2.300**	**2.632**	**0.545**	**3.442**	**232.9**
STD DEV (GEOM *)				**0.080**	**0.056**	**0.398**	**0.307**	**0.056**	**1.153**	**1.158**	**0.246**	**1.204**	**75.2**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 27 0945		.3	1	15.1	475.1	750.0	6.50	41.000	7.83
81 02 24 1610		.3	1	21.3	209.000	322.0	20.00	15.500	7.61
81 03 24 1225		.3	1	4.8	234.4	340.0	2.60	17.500	8.72
81 04 28 1145		.3	1	8.2	316.0	496.0	6.50	28.000	8.23
81 05 27 0945		.3	1	9.0	382.0	560.0	4.10	28.000	7.93
81 06 23 1130		.3	1	6.5	270.5	423.0	9.00	27.500	8.09
81 07 29 1105		.3	1	18.2	318.0	427.0	13.00	30.000	8.25
81 08 25 1030		.3	1	4.5	302.3	423.0	3.40	31.000	8.54
81 09 29 1020		.3	1	7.6	297.7	458.0	8.10	31.500	8.06
81 10 27 1135		.3	1	5.6	313.3	494.0	6.10	33.000	8.17
81 11 25 1120		.3	1	9.3	393.3	630.0	11.00	44.500	8.11
MAXIMUM				**21.3**	**475.1**	**750.0**	**20.00**	**44.500**	**8.72**
ARITH MEAN				**10.0**	**319.2**	**483.9**	**8.21**	**29.773**	**8.14**
GEOM MEAN				**8.8**	**311.5**	**470.2**	**6.99**	**28.561**	**8.13**
MINIMUM				**4.5**	**209.000**	**322.0**	**2.60**	**15.500**	**7.61**
STD DEV (GEOM *)				**5.7**	**74.9**	**125.1**	**5.02**	**8.507**	**0.31**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TROUT CREEK**
SAMPLE POINT: **AT WEST ZORRA TWP.CONC.ROAD 2-3**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-066-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0501200.0 4790650.0 4** REGION: **01** DISTANCE: **269.880**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1415		.3	1	43007	4	130	400	4<	8	4<	1.0	11.0	0.7
81 02 19 1409		.3	1	43959	3	11000	150000	730	520	12	1.0	12.4	5.1
81 03 16 1315		.3	1	43048	6	100<	200	10<	10I	4<	1.0	13.0	0.2
81 04 14 1340		.3	1	43070	6	9000C	42000	600>	600>	8	7.0	9.0	3.0
81 05 19 1346		.3	1	43092	6	130C	4800	30	20I	4<	13.5	15.5	1.9
81 06 17 1305		.3	1	43114	6	520C	4700	260	80	4<	19.0	8.5	1.1
81 07 21 1425		.3	1	43136	6	620C	7100	390	100	4<	24.0	11.5	0.9
81 09 22 1430		.3	1	43158		10900	27000	1500>	1500>	4<			0.8
81 10 20 1400		.3	1	43180	6	5400	12800	1360	1160	4<	7.5	12.0	1.2
81 11 17 1405		.3	1	43204									1.5
81 12 14 1115		.3	1	43228	6	10I	470	4	8	4<	2.0	11.0	0.8
MAXIMUM						**11000**	**150000**	**1360**	**1160**	**12**	**24.0**	**15.5**	**5.1**
ARITH MEAN						**4190**	**24947**	**462**	**238**	**10**	**8.4**	**11.5**	**1.6**
GEOM MEAN						**880**	**5150**	**151**	**53**	**10**	**4.4**	**11.4**	**1.1**
MINIMUM						**10**	**200**	**4**	**8**	**8**	**1.0**	**8.5**	**0.2**
STD DEV (GEOM *)						**12***	**9***	**9***	**7***	**1***	**8.6**	**2.1**	**1.4**
# SAMPLES (IN STATISTICS)						**9**	**10**	**6**	**8**	**2**	**9**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 19 1415		.3	1	0.022	0.008	0.035	0.400	0.013	2.900	2.948	0.365	3.313	340.2
81 02 19 1409		.3	1	0.330	0.148	0.480	1.820	0.036	4.200	4.716	1.340	6.056	236.6
81 03 16 1315		.3	1	0.045	0.012	0.035	0.580	0.025	5.800	5.860	0.545	6.405	359.3
81 04 14 1340		.3	1	0.218	0.066	0.115	1.440	0.032	2.900	3.047	1.325	4.372	401.4
81 05 19 1346		.3	1	0.017	0.002	0.010	0.810	0.025	4.400	4.435	0.800	5.235	384.10
81 06 17 1305		.3	1	0.096	0.013	0.160	0.720	0.079	1.320	1.559	0.560	2.119	375.6
81 07 21 1425		.3	1	0.033	0.003	0.035	0.830	0.015	1.130	1.180	0.795	1.975	316.2
81 09 22 1430		.3	1	0.044	0.015	0.002	0.920	0.022	2.980	3.004	0.918	3.922	404.20
81 10 20 1400		.3	1	0.098	0.045	0.005	1.170	0.020	6.800	6.825	1.165	7.990	440.5
81 11 17 1405		.3	1	0.013	0.003	0.005	0.550	0.009	3.800	3.814	0.545	4.359	393.20
81 12 14 1115		.3	1	0.026	0.013	0.020	0.480	0.011	4.600	4.631	0.460	5.091	393.7
MAXIMUM				**0.330**	**0.148**	**0.480**	**1.820**	**0.079**	**6.800**	**6.825**	**1.340**	**7.990**	**440.5**
ARITH MEAN				**0.086**	**0.030**	**0.082**	**0.884**	**0.026**	**3.712**	**3.820**	**0.802**	**4.622**	**367.7**
GEOM MEAN				**0.061**	**0.013**	**0.026**	**0.798**	**0.022**	**3.282**	**3.414**	**0.735**	**4.268**	**363.4**
MINIMUM				**0.013**	**0.002**	**0.002**	**0.400**	**0.009**	**1.130**	**1.180**	**0.366**	**1.975**	**236.6**
STD DEV (GEOM *)				**0.101**	**0.044**	**0.141**	**0.436**	**0.020**	**1.722**	**1.707**	**0.347**	**1.811**	**54.8**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 19 1415		.3	1	6.9	333.3	600.0	2.20	10.000	7.89
81 02 19 1409		.3	1	62.7	164.000	252.0	17.00	9.500	7.43
81 03 16 1315		.3	1	5.7	353.6	580.0	2.90	13.500	8.08
81 04 14 1340		.3	1	64.7	336.7	455.0	33.00	13.000	7.85
81 05 19 1346		.3	1	3.10	381.00	550.0	13.00	13.000	8.35
81 06 17 1305		.3	1	18.8	356.8	550.0	4.30	8.500	8.12
81 07 21 1425		.3	1	7.8	308.4	510.0	3.50	7.500	8.32
81 09 22 1430		.3	1	10.20	394.00	595.0	4.50	13.500	8.00
81 10 20 1400		.3	1	8.7	431.8	615.0	10.00	20.500	8.11
81 11 17 1405		.3	1	1.20	392.00	605.0	1.60	12.500	8.18
81 12 14 1115		.3	1	5.3	388.4	630.0	2.90	14.000	8.06
MAXIMUM				**64.7**	**431.8**	**630.0**	**33.00**	**20.500**	**8.35**
ARITH MEAN				**17.7**	**349.0**	**540.2**	**8.63**	**12.318**	**8.04**
GEOM MEAN				**9.2**	**340.2**	**526.3**	**5.52**	**11.886**	**8.03**
MINIMUM				**1.20**	**164.000**	**252.0**	**1.60**	**7.500**	**7.43**
STD DEV (GEOM *)				**23.1**	**70.4**	**108.4**	**9.51**	**3.530**	**0.25**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **NORTH THAMES RIVER**
SAMPLE POINT: **2 MILES UPSTREAM FROM ST.MARY'S**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-067-02**
STORET CODE: **02 003 0101**

LAT: LONG: U T M: **17 0486300.0 4792500.0 4** REGION: **01** DISTANCE: **258.775**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1100	.3	1	43003	4	160	320	64	8	4<	1.0	10.0	0.5
81 02 19 1050	.3	1	43953	3	6400	210000	1150	1300	24	1.0	12.2	5.2
81 03 16 1020	.3	1	43042	6						1.0	13.0	0.3
81 04 14 1030	.3	1	43064	6	7000C	51000	600>	600>	8	7.0	8.5	3.9
81 05 19 1110	.3	1	43086	6	220C	7600	10I	10<	4<	13.5	13.8	2.1
81 06 17 1028	.3	1	43108	6	420C	24000>	324	144	4<	18.8	8.6	2.3
81 07 21 1140	.3	1	43130	6	360C	18000	380	152	4<	23.5	11.5	1.4
81 09 22 1110	.3	1	43152	6	21000	110000	5700	6600	4<	11.5	10.5	1.0
81 10 20 1040	.3	1	43174	6	51000	220000	2100	1500	12	6.5	10.5	0.9
81 11 17 1015	.3	1	43198	6	5000I	4000	900I	100I	4<	6.5	11.0	1.8
81 12 14 0910	.3	1	43222	6 2	70I	250	50I	10<	4<	0.0	11.5	0.1
MAXIMUM					**51000**	**220000**	**5700**	**6600**	**24**	**23.5**	**13.8**	**5.2**
ARITH MEAN					**9163**	**69019**	**1186**	**1401**	**15**	**9.0**	**11.0**	**1.8**
GEOM MEAN					**1567**	**13098**	**332**	**301**	**13**	**5.4**	**10.9**	**1.1**
MINIMUM					**70**	**250**	**10**	**8**	**8**	**1.0**	**8.5**	**0.1**
STD DEV (GEOM *)					**10***	**13***	**8***	**9***	**2***	**7.8**	**1.7**	**1.6**
# SAMPLES (IN STATISTICS)					**10**	**9**	**9**	**7**	**3**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 19 1100	.3	1	0.111	0.111	0.350	0.770	0.032	6.000	6.382	0.420	6.802	565.8
81 02 19 1050	.3	1	0.450	0.187	0.450	1.920	0.033	6.500	6.983	1.470	8.453	328.4
81 03 16 1020	.3	1	0.043	0.030	0.105	0.690	0.028	9.500	9.633	0.585	10.218	376.6
81 04 14 1030	.3	1	0.208	0.091	0.235	1.500	0.126	5.220	5.581	1.265	6.846	453.2
81 05 19 1110	.3	1	0.029	0.003	0.005	0.830	0.023	7.400	7.428	0.825	8.253	437.90
81 06 17 1028	.3	1	0.139	0.048	0.070	1.170	0.068	1.460	1.598	1.100	2.698	574.2
81 07 21 1140	.3	1	0.079	0.014	0.055	1.020	0.021	1.200	1.276	0.965	2.241	601.4
81 09 22 1110	.3	1	0.041	0.011	0.085	0.930	0.131	5.000	5.216	0.845	6.061	509.1
81 10 20 1040	.3	1	0.054	0.018	0.005<	0.980	0.021	9.400	9.426	0.975	10.401	474.6
81 11 17 1015	.3	1	0.045	0.016	0.045	0.650	0.031	4.300	4.376	0.605	4.981	499.4
81 12 14 0910	.3	1	0.027	0.021	0.100	0.760	0.028	7.500	7.628	0.660	8.288	477.2
MAXIMUM			**0.450**	**0.187**	**0.450**	**1.920**	**0.131**	**9.500**	**9.633**	**1.470**	**10.401**	**601.4**
ARITH MEAN			**0.111**	**0.050**	**0.150**	**1.020**	**0.049**	**5.771**	**5.957**	**0.883**	**6.840**	**481.6**
GEOM MEAN			**0.074**	**0.028**	**0.088**	**0.966**	**0.039**	**4.887**	**5.091**	**0.832**	**6.202**	**474.7**
MINIMUM			**0.027**	**0.003**	**0.005**	**0.650**	**0.021**	**1.200**	**1.276**	**0.420**	**2.241**	**328.4**
STD DEV (GEOM *)			**0.125**	**0.057**	**0.147**	**0.385**	**0.041**	**2.754**	**2.754**	**0.314**	**2.705**	**82.6**
# SAMPLES (IN STATISTICS)			**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 19 1100	.3	1	1.3	564.5	880.0	0.90	58.000	7.74
81 02 19 1050	.3	1	93.4	226.000	348.0	24.00	15.000	7.47
81 03 16 1020	.3	1	2.3	374.3	630.0	1.60	25.000	8.17
81 04 14 1030	.3	1	14.7	438.5	620.0	7.20	34.500	8.14
81 05 19 1110	.3	1	2.40	435.50	610.0	0.65	24.500	8.46
81 06 17 1028	.3	1	11.0	563.2	860.0	2.30	81.000	8.03
81 07 21 1140	.3	1	17.7	583.7	890.0	5.60	93.500	8.24
81 09 22 1110	.3	1	4.2	504.9	775.0	2.50	50.000	8.24
81 10 20 1040	.3	1	5.5	469.1	705.0	4.20	22.500	8.12
81 11 17 1015	.3	1	5.8	493.6	720.0	3.20	27.000	8.22
81 12 14 0910	.3	1	0.4	476.8	760.0	0.75	33.500	8.17
MAXIMUM			**93.4**	**583.7**	**890.0**	**24.00**	**93.500**	**8.46**
ARITH MEAN			**14.4**	**466.3**	**708.9**	**4.81**	**42.227**	**8.09**
GEOM MEAN			**5.3**	**453.5**	**689.3**	**2.69**	**36.242**	**8.09**
MINIMUM			**0.4**	**226.000**	**348.0**	**0.65**	**15.000**	**7.47**
STD DEV (GEOM *)			**26.7**	**101.5**	**156.9**	**6.70**	**25.594**	**0.27**
# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **REYNOLD'S CREEK**
SAMPLE POINT: **AT C/A AREA SOUTH OF HIGHWAY 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-068-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0503900.0 4757450.0 4** REGION: **01** DISTANCE: **237.533**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1140		3	1	43013	6 8	630	900	50I	30I	4<	0.0	10.5	0.6
81 02 18 1100		3	1	43023		7800C	112000	2600	1500>	4<	1.0	9.5	5.6
81 03 18 1120		3	1	43054	6	670C	3100	110	40I	4<	0.0	8.0	0.6
81 04 22 1045		3	1	43076	6	2000	6900	290	16	4<	6.0	10.5	0.9
81 05 20 1150		3	1	43098	6 9 8	150C	6800	4<	12	4<	16.0	14.0	2.6
81 06 18 1125		3	1	43120	6	1100	18800	152	144	4<	17.5	12.9	1.1
81 07 23 1149		3	1	43142	6	3900	20000	1400	610	4<	16.5	8.0	1.8
81 09 24 1135		3	1	43164	6	2700	11000	1900	1030	4	12.0	9.0	0.6
81 10 22 1135		3	1	43186	6	4200	11000	780	720	8	8.0	9.0	1.2
81 11 19 1110		3	1	43210	6	600I	2500	290	280	4<	6.0	10.0	1.5
81 12 17 1145		3	1	43234	6	1200	1400	144	196	4<	0.0	10.5	1.2
	MAXIMUM					**7800**	**112000**	**2600**	**1030**	**8**	**17.5**	**14.0**	**5.6**
	ARITH MEAN					**2268**	**17673**	**772**	**308**	**6**	**10.4**	**10.2**	**1.6**
	GEOM MEAN					**1380**	**7107**	**375**	**123**	**6**	**8.0**	**10.0**	**1.3**
	MINIMUM					**150**	**900**	**50**	**12**	**4**	**1.0**	**8.0**	**0.6**
	STD DEV (GEOM *)					**3***	**4***	**4***	**5***	**2***	**6.0**	**1.9**	**1.5**
	# SAMPLES (IN STATISTICS)					**11**	**11**	**10**	**10**	**2**	**8**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 1140		3	1	0.055	0.022	0.160	0.730	0.018	3.480	3.658	0.570	4.228	438.6
81 02 18 1100		3	1	0.485	0.235	0.790	2.450	0.045	2.160	2.995	1.660	4.655	331.4
81 03 18 1120		3	1	0.073	0.017	0.095	0.900	0.017	4.800	4.912	0.805	5.717	460.2
81 04 22 1045		3	1	0.053	0.011	0.045	0.820	0.021	5.800	5.866	0.775	6.641	462.0
81 05 20 1150		3	1	0.070	0.032	0.005	0.800	0.037	3.900	3.942	0.795	4.737	415.2
81 06 18 1125		3	1	0.096	0.040	0.010	0.750	0.040	7.360	7.410	0.740	8.150	487.6
81 07 23 1149		3	1	0.078	0.017	0.030	0.780	0.023	1.680	1.733	0.750	2.483	410.0
81 09 24 1135		3	1	0.066	0.030	0.015	1.160	0.061	6.340	6.416	1.145	7.561	505.4
81 10 22 1135		3	1	0.066	0.029	0.060	1.110	0.035	7.000	7.095	1.050	8.145	492.7
81 11 19 1110		3	1	0.047	0.008	0.025	0.850	0.031	4.300	4.356	0.825	5.181	495.2
81 12 17 1145		3	1	0.043	0.015	0.045	0.700	0.050	4.600	4.695	0.655	5.350	475.3
	MAXIMUM			**0.485**	**0.235**	**0.790**	**2.450**	**0.061**	**7.360**	**7.410**	**1.660**	**8.150**	**505.4**
	ARITH MEAN			**0.103**	**0.041**	**0.116**	**1.005**	**0.034**	**4.675**	**4.825**	**0.888**	**5.713**	**452.1**
	GEOM MEAN			**0.076**	**0.025**	**0.043**	**0.934**	**0.032**	**4.281**	**4.488**	**0.851**	**5.435**	**449.2**
	MINIMUM			**0.043**	**0.008**	**0.005**	**0.700**	**0.017**	**1.680**	**1.733**	**0.570**	**2.483**	**331.4**
	STD DEV (GEOM *)			**0.128**	**0.065**	**0.228**	**0.502**	**0.014**	**1.848**	**1.753**	**0.303**	**1.768**	**51.2**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 21 1140		3	1	10.3	428.3	680.0	7.00	16.000	7.76
81 02 18 1100		3	1	142.2	164.000	252.0	43.00	8.500	7.48
81 03 18 1120		3	1	32.4	427.8	640.0	16.00	16.000	7.89
81 04 22 1045		3	1	17.9	444.1	630.0	13.00	17.500	7.95
81 05 20 1150		3	1	3.4	411.8	615.0	0.65	37.500	8.60
81 06 18 1125		3	1	7.4	480.2	720.0	2.40	43.500	8.28
81 07 23 1149		3	1	42.3	367.7	570.0	30.00	18.000	8.05
81 09 24 1135		3	1	16.4	489.0	720.0	8.90	18.000	7.87
81 10 22 1135		3	1	16.4	476.3	725.0	9.80	19.500	7.75
81 11 19 1110		3	1	14.8	480.4	695.0	8.90	16.500	7.97
81 12 17 1145		3	1	7.5	467.8	700.0	5.50	17.000	8.10
	MAXIMUM			**142.2**	**489.0**	**725.0**	**43.00**	**43.500**	**8.60**
	ARITH MEAN			**28.3**	**421.5**	**631.5**	**13.20**	**20.727**	**7.97**
	GEOM MEAN			**16.6**	**407.0**	**611.0**	**8.28**	**18.903**	**7.97**
	MINIMUM			**3.4**	**164.000**	**252.0**	**0.65**	**8.500**	**7.48**
	STD DEV (GEOM *)			**39.5**	**93.0**	**135.5**	**12.64**	**10.260**	**0.29**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **FOLDENS CREEK**
SAMPLE POINT: **AT CONC. RD. NO. 3 WEST OXFORD TWP.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **THAMES RIVER**

STATION ID: **04-0013-069-02**
STORET CODE: **02 003 2870**

LAT: LONG: U.T.M: **17 0514700.0 4765450.0 4** REGION: **01** DISTANCE: **250.085**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1034		.3	1	40512	6	60I	70	32	12	4<	1.0	11.8	0.5
81 02 16 1021		.3	1	40527	6 0	600>		64	140		2.5	11.1	0.7
81 03 16 1020		.3	1	40545	6	80A	350	84	4<	4<	2.0	12.7	0.3
81 04 21 1033		.3	1	40562	6	116C	1400	20	40	4<	7.0	10.4	0.3
81 05 21 1000		.3	1	40585	6 8	610C	4500	84	12	4<	10.8	13.0	1.0
81 06 16 1013		.3	1	40605	6	4300C	61000	600>	360	4<	17.0	8.8	0.6
81 07 27 0958		.3	1	40625	6	1000C	7000	256	412	4	15.2	10.5	0.7
81 08 18 0950		.3	1	40639	6	8000C	21000	524	360	8	12.3	9.9	1.0
81 09 21 1015		.3	1	40664	6	930C	5600	190	180	4<	10.0	9.1	0.7
81 10 21 1128		.3	1	40684	6	430	1210	30I	260	4	9.0	8.4	0.7
81 11 16 1027		.3	1	40704	6	390	1800	80I	80I	4<	7.0	9.9	1.0
81 12 03 1042		.3	1	40724	6	360	710	68	376	12	4.0	11.0	0.2
MAXIMUM						**8000**	**61000**	**524**	**412**	**12**	**17.0**	**13.0**	**1.0**
ARITH MEAN						**1480**	**9513**	**130**	**203**	**7**	**8.1**	**10.5**	**0.6**
GEOM MEAN						**514**	**2348**	**82**	**118**	**6**	**6.2**	**10.5**	**0.6**
MINIMUM						**60**	**70**	**20**	**12**	**4**	**1.0**	**8.4**	**0.2**
STD DEV (GEOM *)						**5***	**7***	**3***	**4***	**2***	**5.2**	**1.5**	**0.3**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**11**	**4**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 1034		.3	1	0.019	0.012	0.040	0.440	0.015	3.900	3.955	0.400	4.355	404.5
81 02 16 1021		.3	1	0.044	0.025	0.060	0.720	0.020	3.580	3.660	0.660	4.320	401.1
81 03 16 1020		.3	1	0.032	0.010	0.015	0.610	0.008	3.840	3.863	0.595	4.458	403.3
81 04 21 1033		.3	1	0.023	0.010	0.015	0.590	0.008	3.500	3.523	0.575	4.098	418.6
81 05 21 1000		.3	1	0.053	0.034	0.010	0.470	0.036	3.760	3.806	0.460	4.266	444.4
81 06 16 1013		.3	1	0.059	0.034	0.035	0.690	0.043	3.660	3.738	0.655	4.393	461.5
81 07 27 0958		.3	1	0.041	0.029	0.010	0.330	0.015	2.930	2.955	0.320	3.275	409.3
81 08 18 0950		.3	1	0.067	0.029	0.135	0.840	0.018	1.830	1.983	0.705	2.688	437.0
81 09 21 1015		.3	1	0.161	0.085	0.040	0.650	0.017	2.580	2.637	0.610	3.247	454.0
81 10 21 1128		.3	1	0.028	0.015	0.020	0.690	0.013	3.800	3.833	0.670	4.503	472.4
81 11 16 1027		.3	1	0.063	0.037	0.025	0.530	0.015	4.480	4.520	0.505	5.025	443.6
81 12 03 1042		.3	1	0.022	0.011	0.045	0.550	0.016	4.480	4.541	0.505	5.046	462.5
MAXIMUM				**0.161**	**0.085**	**0.135**	**0.840**	**0.043**	**4.480**	**4.541**	**0.705**	**5.046**	**472.4**
ARITH MEAN				**0.051**	**0.028**	**0.037**	**0.592**	**0.019**	**3.528**	**3.584**	**0.555**	**4.139**	**434.3**
GEOM MEAN				**0.042**	**0.022**	**0.028**	**0.576**	**0.017**	**3.438**	**3.502**	**0.542**	**4.076**	**433.6**
MINIMUM				**0.019**	**0.010**	**0.010**	**0.330**	**0.008**	**1.830**	**1.983**	**0.320**	**2.688**	**401.1**
STD DEV (GEOM *)				**0.038**	**0.021**	**0.034**	**0.139**	**0.010**	**0.759**	**0.739**	**0.119**	**0.717**	**25.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
81 01 19 1034		.3	1	3.5	401.0	660.0	1.00	20.000		7.91
81 02 16 1021		.3	1	3.0	398.1	650.0	1.00	21.000		7.58
81 03 16 1020		.3	1	0.7	402.6	630.0	0.45	20.500		7.83
81 04 21 1033		.3	1	2.8	415.8	630.0	0.50	22.000		7.93
81 05 21 1000		.3	1	3.0	441.4	765.0	0.70	20.000		7.92
81 06 16 1013		.3	1	10.2	451.3	650.0	4.80	19.500		8.01
81 07 27 0958		.3	1	2.9	406.4	645.0	0.75	5.000		8.14
81 08 18 0950		.3	1	11.7	425.3	625.0	4.20	18.500		7.87
81 09 21 1015		.3	1	2.3	451.7	705.0	1.70	18.000	316.0	7.80
81 10 21 1128		.3	1	4.0	468.4	685.0	0.70	20.500	293.0	7.89
81 11 16 1027		.3	1	1.6	442.0	695.0	1.10	19.000	287.0	7.81
81 12 03 1042		.3	1	2.6	459.9	700.0	1.00	19.500	294.0	7.87
MAXIMUM				**11.7**	**468.4**	**765.0**	**4.80**	**22.000**	**316.0**	**8.14**
ARITH MEAN				**4.0**	**430.3**	**670.0**	**1.49**	**18.625**	**297.5**	**7.88**
GEOM MEAN				**3.1**	**429.7**	**668.9**	**1.10**	**17.682**	**297.3**	**7.88**
MINIMUM				**0.7**	**398.1**	**625.0**	**0.45**	**5.000**	**287.0**	**7.58**
STD DEV (GEOM *)				**3.4**	**25.1**	**41.3**	**1.45**	**4.427**	**12.7**	**0.13**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**4**	**12**

B.O.W./SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT HIGHWAY 40 WALLACEBURG**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-001-83**
STORET CODE: **02 003 2980**

LAT: LONG: U.T.M: **17 0386125.0 4716225.0 4** REGION: **01** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:		*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*		
81 01 06 1040		.3	1	45002	4					0.0	11.0	2.4	
81 02 03 1440		.3	1	45012	4	80I	180	.12	8	4<	1.0	12.0	0.8
81 02 22 1430		.3	1	46022									
81 02 23 1030		.3	1	46023									
1430		.3	1	46024									
81 02 24 1030		.3	1	46025									
1400		.3	1	46026									
81 02 25 1030		.3	1	46027									
1400		.3	1	46028									
81 02 26 1030		.3	1	46029									
1400		.3	1	46030									
81 02 27 1030		.3	1	46031									
1400		.3	1	46032									
81 03 01 1400		.3	1	46033									
81 03 02 1100		.3	1	46034									
81 03 03 0935		.3	1	45022	3	580	1820	84	64	4<	0.0	12.0	0.8
1100		.3	1	46035									
81 03 04 1100		.3	1	46036									
81 03 05 1100		.3	1	46037									
81 03 06 1030		.3	1	46038									
81 03 07 1330		.3	1	46039									
81 03 09 1100		.3	1	46040									
81 03 10 1115		.3	1	46041									
81 03 11 1030		.3	1	46042									
81 03 12 1115		.3	1	46043									
81 03 13 1400		.3	1	46044									
81 03 15 1530		.3	1	46045									
81 03 16 1100		.3	1	46046									
81 03 17 1045		.3	1	46047									
81 03 18 0830		.3	1	46048									
81 03 19 0815		.3	1	46049									
81 03 26 1045		.3	1	46050									
81 04 01 1045		.3	1	46051									
81 04 02 1045		.3	1	46052									
81 04 06 1030		.3	1	46053									
81 04 07 1101		.3	1	45032	3	300	1360	28	8	4<	15.0	11.0	0.8
81 04 24 1400		.3	1	46054									
81 04 27 0830		.3	1	46055									
81 05 05 1030		.3	1	45042	6	570	2400	112	28	4<	21.0	10.0	1.6
81 05 12 1045		.3	1	46056									
81 05 13 1100		.3	1	46057									
81 05 15 1030		.3	1	46057									
81 05 19 1100		.3	1	46058									
81 05 26 1100		.3	1	46059									
81 06 02 1030		.3	1	46060									
1045		.3	1	45052	6	340	1500	8	4<	4<	25.0	8.0	2.0
81 06 15 1100		.3	1	46061									
81 06 22 1100		.3	1	46063									
1115		.3	1	46062									
81 07 07 1108		.3	1	45062	6	230	2700	8	8	4<	26.0	12.0	1.4
81 07 22 0915		.3	1	46064									
81 07 29 1415		.3	1	46065									
81 08 04 0933		.3	1	45072	6	13000	7000	10I	20I	4<	24.0	9.0	0.7
81 08 05 1330		.3	1	46066									
81 08 17 1030		.3		46067									
81 08 26 1115		.3	1	46068									
81 09 02 1300		.3	1	46069									
81 09 08 1045		.3	1	45082	3	7200000	220E+05		180	212	20.0	8.0	1.5
81 09 09 1030		.3	1	46070									
81 09 16 1100		.3	1	46071									
81 09 23 1130		.3	1	46072									
81 09 24 1100		.3	1	46073									
81 09 29		.3	1	45092									
81 10 06 0955		.3	1	45092	3	40000I	110000	1000<	280	12	12.0	8.0	2.0
81 10 07 1045		.3	1	46074									
81 10 09		.3	1	46075									
81 10 26 0930		.3	1	46076									
81 11 02 0930		.3	1	46077									
81 11 24 1300		.3	1	46078									
81 12 02 1330		.3	1	46079									
81 12 07 1315		.3	1	46080									
81 12 08 1020		.3	1	45112	3						2.0	12.0	1.1
81 12 16 1300		.3	1	46081									
MAXIMUM						**7200000**	**220E+05**	**112**	**280**	**212**	**26.0**	**12.0**	**2.4**
ARITH MEAN						**806122**	**2458551**	**37**	**74**	**112**	**16.2**	**10.3**	**1.4**
GEOM MEAN						**2366**	**7481**	**21**	**31**	**50**	**11.0**	**10.1**	**1.3**
MINIMUM						**80**	**180**	**8**	**8**	**12**	**1.0**	**8.0**	**0.7**
STD DEV (GEOM *)						**37***	**31***	**3***	**4***	**8***	**9.5**	**1.7**	**0.6**
# SAMPLES (IN STATISTICS)						**9**	**9**	**7**	**8**	**2**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:		*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*		
81 01 06 1040		.3	1	0.030	0.005	0.025	0.480	0.008	1.360		1.393	0.455	1.848
81 02 03 1440		.3	1	0.037	0.014	0.040	0.340	0.004	0.570		0.614	0.300	0.914
81 02 22 1430		.3	1	0.370	0.100				6.000				
81 02 23 1030		.3	1	0.365	0.110				6.080				
1430		.3	1	0.385	0.115				5.750				
81 02 24 1030		.3	1	0.312	0.165				6.200				
1400		.3	1	0.322	0.105				7.500				
81 02 25 1030		.3	1	0.337	0.080				8.000				
1400		.3	1	0.332	0.079				8.000				
81 02 26 1030		.3	1	0.220	0.079				7.550				
1400		.3	1	0.220	0.077				7.650				
81 02 27 1030		.3	1	0.190	0.075				8.470				
1400		.3	1	0.175	0.074				0.780				

(CONTD)

B.O.W./ SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT HIGHWAY 40 WALLACEBURG**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-001-83**
STORET CODE: **02 003 2980**

LAT LONG: U T M: **17 0386125.0 4716225.0 4** REGION: **01** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 03 01 1400		.3	1	0.138	0.063				8.690				
81 03 02 1100		.3	1	0.138	0.065				8.940				
81 03 03 0935		.3	1	0.125	0.058	0.130	1.030	0.041	8.200		8.371	0.900	9.271
1100		.3	1	0.138	0.060				6.950				
81 03 04 1100		.3	1	0.118	0.057				1.610				
81 03 05 1100		.3	1	0.100	0.049				8.000				
81 03 06 1030		.3	1	0.110	0.044				8.180				
81 03 07 1330		.3	1	0.065	0.028				5.460				
81 03 09 1100		.3	1	0.068	0.027				5.410				
81 03 10 1115		.3	1	0.061	0.026				4.480				
81 03 11 1030		.3	1	0.052	0.023				4.630				
81 03 12 1115		.3	1	0.075	0.033				6.220				
81 03 13 1400		.3	1	0.068	0.031				5.710				
81 03 15 1530		.3	1	0.120	0.034				6.470				
81 03 16 1100		.3	1	0.102	0.034				6.720				
81 03 17 1045		.3	1	0.118	0.026				4.900				
81 03 18 0830		.3	1	0.021	0.018				3.530				
81 03 19 0815		.3	1	0.041	0.017				3.580				
81 03 26 1045		.3	1	0.046	0.012				5.480				
81 04 01 1045		.3	1	0.048	0.004				4.980				
81 04 02 1045		.3	1	0.085	0.016				5.700				
81 04 06 1030		.3	1	0.067	0.007				5.460				
81 04 07 1101		.3	1	0.039	0.004	0.050	0.610	0.022	4.730		4.802	0.560	5.362
81 04 24 1400		.3	1	0.172	0.060				9.670				
81 04 27 0830		.3	1	0.021	0.061				11.000				
81 05 05 1030		.3	1	0.100	0.038	0.060	1.120	0.047	6.600		6.707	1.060	7.767
81 05 12 1045		.3	1	0.184	0.095			0.043	7.95	8.00			
81 05 13 1100		.3	1	0.155	0.057			0.070	7.93	8.00			
81 05 15 1030		.3	1	0.168	0.040			0.042	8.20	8.25			
81 05 19 1100		.3	1	0.064	0.018			0.083					
81 05 26 1100		.3	1	0.040	0.014			0.039					
81 06 02 1030		.3	1	0.052	0.006			0.054	2.750	2.800			
1045		.3	1	0.036	0.003	0.090	0.750	0.035	3.010		3.135	0.660	3.795
81 06 15 1100		.3	1	0.072	0.035			0.084	1.810	1.900			
81 06 22 1100		.3	1	0.035	0.007			0.036	2.410	2.450			
1115		.3	1	0.058	0.025			0.003	1.400	1.400			
81 07 07 1108		.3	1	0.042	0.004	0.055	0.720	0.043	2.710		2.808	0.665	3.473
81 07 22 0915		.3	1	0.048	0.010			0.018	1.080	1.100			
81 07 29 1415		.3	1	0.062	0.001<T			0.002	0.010	0.010			
81 08 04 0933		.3	1	0.033	0.007	0.045	0.370	0.008	0.310		0.363	0.325	0.688
81 08 05 1330		.3	1	0.042	0.020			0.011	0.465	0.475			
81 08 17 1030		.3		0.070	0.025			0.002	0.800	0.800			
81 08 26 1115		.3	1	0.026	0.013			0.001	0.650	0.650			
81 09 02 1300		.3	1	0.059	0.022			0.035	1.410	1.450			
81 09 08 1045		.3	1	0.168	0.056	0.025	1.460	0.069	4.500		4.594	1.435	6.029
81 09 09 1030		.3	1	0.170	0.069			0.092	4.560	4.650			
81 09 16 1100		.3	1	0.058	0.020			0.042	1.660	1.700			
81 09 23 1130		.3	1	0.170	0.086			0.048	5.70	5.75			
81 09 24 1100		.3	1	0.168	0.086			0.035	5.97	6.00			
81 10 06 0955		.3	1	0.385	0.147	0.045	1.900	0.050	6.000		6.095	1.855	7.950
81 10 07 1045		.3	1	0.282	0.002			0.043	6.950	7.000			
81 10 09		.3	1	0.202	0.080			0.250	5.750	6.000			
81 10 26 0930		.3	1	0.300	0.130			0.064	6.680	6.750			
81 11 02 0930		.3	1	0.208	0.082			0.045	4.560	4.600			
81 11 24 1300		.3	1	0.185	0.072			0.014	7.740	7.750			
81 12 02 1330		.3	1	0.248	0.086			0.087	6.420	6.500			
81 12 07 1315		.3	1	0.132	0.047			0.061	4.190	4.250			
81 12 08 1020		.3	1	0.078	0.035	0.025	0.750	0.017	3.680		3.722	0.725	4.447
81 12 16 1300		.3	1	0.042	0.024			0.007	3.790	3.800			
MAXIMUM				**0.385**	**0.165**	**0.130**	**1.900**	**0.250**	**11.000**	**8.25**	**8.371**	**1.855**	**9.271**
ARITH MEAN				**0.133**	**0.047<A**	**0.054**	**0.866**	**0.044**	**5.08**	**4.08**	**3.873**	**0.813**	**4.686**
GEOM MEAN				**0.099**	**0.030<A**	**0.047**	**0.758**	**0.026**	**3.78**	**2.52**	**2.780**	**0.701**	**3.586**
MINIMUM				**0.021**	**0.001**	**0.025**	**0.340**	**0.001**	**0.010**	**0.010**	**0.363**	**0.300**	**0.688**
STD DEV (GEOM *)				**0.102**	**0.037<A**	**0.032**	**0.479**	**0.043**	**2.66**	**2.76**	**2.557**	**0.478**	**2.899**
# SAMPLES (IN STATISTICS)				**72**	**72**	**11**	**11**	**38**	**70**	**25**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR
81 01 06 1040		.3	1	200.4	12.8	215.800	332.0	4.00	29.500	7.90			
81 02 03 1440		.3	1	205.3	17.4	187.9	334.0	4.40	33.000	8.03			0.001
81 02 22 1430		.3	1		199.0		335.0					0.050<	
81 02 23 1030		.3	1		220.0		335.0					0.050	
1430		.3	1		201.0		340.0					0.050	
81 02 24 1030		.3	1		158.0		380.0					0.060<	
1400		.3	1		157.0		385.0					0.060<	
81 02 25 1030		.3	1		129.0		395.0					0.070	
1400		.3	1		127.0		400.0					0.060	
81 02 26 1030		.3	1		102.0		410.0					0.050	
1400		.3	1		97.0		415.0					0.040<	
81 02 27 1030		.3	1		64.0		435.0					0.050	
1400		.3	1		81.0		445.0					0.050<	
81 03 01 1400		.3	1		40.0		540.0					0.070	
81 03 02 1100		.3	1		39.0		540.0					0.050<	
81 03 03 0935		.3	1	454.3	39.1	415.2	560.0	34.00	26.000	7.92			
1100		.3	1		33.0		560.0					0.050<	
81 03 04 1100		.3	1		22.0		540.0					0.050	
81 03 05 1100		.3	1		12.0		560.0					0.040<	
81 03 06 1030		.3	1		14.0		540.0					0.050	
81 03 07 1330		.3	1		14.0		465.0					0.050	
81 03 09 1100		.3	1		13.0		450.0					0.040	
81 03 10 1115		.3	1		8.0		435.0					0.040<	
81 03 11 1030		.3	1		8.0		460.0					0.040<	
81 03 12 1115		.3	1		16.0		580.0					0.040<	
81 03 13 1400		.3	1		13.0		580.0					0.050	
81 03 15 1530		.3	1		28.0		720.0					0.040<	
81 03 16 1100		.3	1		29.0		720.0					0.040<	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	RST	RSP	RSF	COND25	TURB	CLIDUR	PH	FEUT	HGUT	CRUT
	TEST-NAME:													
81 03 17 1045			3	1		22 0		620 0					0 040	
81 03 18 0830			3	1		13 0		1550 0					0 050	
81 03 19 0815			3	1		9 0		485 0					0 050	
81 03 26 1045			3	1		12 0		580 0					0 040	
81 04 01 1045			3	1		23 0		660 0					0 040	
81 04 02 1045			3	1		28 0		680 0					0 050	
81 04 06 1030			3	1		24 0		600 0					0 060	
81 04 07 1101			3	1	384 2	19 3	364 9	570 0	15 00	32 500	8 18			0 002 <
81 04 24 1400			3	1		84 0		600 0					0 070	
81 04 27 0830			3	1		62 0		560 0					0 070	
81 05 05 1030			3	1	388 2	33 8	354 4	508 0	41 00	19 000	7 96			
81 05 12 1045			3	1		58								
81 05 13 1100			3	1		48								
81 05 15 1030			3	1		47								
81 05 19 1100			3	1		27								
81 05 26 1100			3	1		13								
81 06 02 1030			3	1		4							0 09	
1045			3	1	366 1	9 1	357 0	530 0	8 60	22 000	8 27			0 005
81 06 15 1100			3	1		16								
81 06 22 1100			3	1		6								
1115			3	1		19								
81 07 07 1108			3	1	319 0	5 0	314 0	466 0	5 20	30 000	8 36			0 002 <
81 07 22 0915			3	1		11								
81 07 29 1415			3	1		15 6								
81 08 04 0933			3	1	201 4	4 5	185 900	286 0	6 50	15 000	8 26			0 100 <
81 08 05 1330			3	1		10 4							0 18 U	
81 08 17 1030			3			10 1								
81 08 26 1115			3	1		1 3								
81 09 02 1300			3	1		17 1							0 17 U	
81 09 08 1045			3	1	455 0	42 7	412 3	580 0	52 00	39 000	7 89			0 001 <
81 09 09 1030			3	1		54 3								
81 09 16 1100			3	1		23 4								
81 09 23 1130			3	1		56 8								
81 09 24 1100			3	1		46 0								
81 09 29			3	1								9 80		0 0110
81 10 06 0955			3	1	477 4	69 3	408 1	429 0	185 00	17 000	7 73			
81 10 07 1045			3	1		108 0								
81 10 09			3	1		44 0								
81 10 26 0930			3	1		92 0								
81 11 02 0930			3	1		77 2								
81 11 24 1300			3	1		24 5								
81 12 02 1330			3	1		52 2								
81 12 07 1315			3	1		14 8								
81 12 08 1020			3	1	336 2	7 6	328 6	490 0	27 00	25 000	8 08			0 004
81 12 16 1300			3	1		7 1								
MAXIMUM					477 4	220 0	415 2	1550 0	185 00	39 000	8 36	9 80	0 18	0 0110
ARITH MEAN					344 3	45	322 1	519 7	34 79	26 182	8 05	9 80	0 06	0 005
GEOM MEAN					328 4	26	309 6	496 9	16 68	25 166	8 05		0 05	0 003
MINIMUM					200 4	1 3	185 900	286 0	4 00	15 000	7 73	9 80	0 040	0 001
STD DEV (GEOM *)					103 5	49	87 3	190 4	52 52	7 457	0 20		0 03	0 004
# SAMPLES (IN STATISTICS)					11	72	11	45	11	11	11	1	24	4

SAMP DTE HOUR YR MO DY LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 03 1440			3	1	0 005	0 013		0 010	0 003 <
81 02 22 1430			3	1	0 016	0 006	0 0004		
81 02 23 1030			3	1	0 013	0 006	0 0005		
1430			3	1	0 015	0 007	0 0003		
81 02 24 1030			3	1	0 009	0 003<	0 0002<		
1400			3	1	0 008	0 003<	0 0002<		
81 02 25 1030			3	1	0 007	0 003<	0 0002<		
1400			3	1	0 006	0 003<	0 0004		
81 02 26 1030			3	1	0 008	0 003<	0 0003		
1400			3	1	0 008	0 003<	0 0002<		
81 02 27 1030			3	1	0 005	0 003<	0 0002<		
1400			3	1	0 006	0 003<	0 0002<		
81 03 01 1400			3	1	0 005	0 003<	0 0002<		
81 03 02 1100			3	1	0 005	0 003<	0 0003		
1100			3	1	0 005	0 003<	0 0002<		
81 03 04 1100			3	1	0 006	0 003	0 0002<		
81 03 05 1100			3	1	0 011	0 007	0 0002<		
81 03 06 1030			3	1	0 004	0 003<	0 0002<		
81 03 07 1330			3	1	0 009	0 003<	0 0002<		
81 03 09 1100			3	1	0 003	0 003<	0 0002<		
81 03 10 1115			3	1	0 006	0 003<	0 0002<		
81 03 11 1030			3	1	0 002	0 003<	0 0004		
81 03 12 1115			3	1	0 004	0 003<	0 0002<		
81 03 13 1400			3	1	0 003	0 003<	0 0002<		
81 03 15 1530			3	1	0 004	0 003<	0 0002<		
81 03 16 1100			3	1	0 003	0 003<	0 0002<		
81 03 17 1045			3	1	0 004	0 003<	0 0002<		
81 03 18 0830			3	1	0 003	0 003<	0 0002<		
81 03 19 0815			3	1	0 003	0 003<	0 0002<		
81 03 26 1045			3	1	0 003	0 003<	0 0002<		
81 04 01 1045			3	1	0 005	0 003<	0 0002<		
81 04 02 1045			3	1	0 004	0 003<	0 0002<		
81 04 06 1030			3	1	0 005	0 003<	0 0002<		
81 04 07 1101			3	1	0 002	0 003<		0 004	0 002 <
81 04 24 1400			3	1	0 001<	0 003<	0 0002<		
81 04 27 0830			3	1	0 005	0 003<	0 0003		
81 05 12 1045			3	1	0 007	0 003<	0 0002<		
81 05 13 1100			3	1	0 007	0 003<	0 0002<		
81 05 15 1030			3	1	0 005	0 003<	0 0002<		
81 05 19 1100			3	1	0 004	0 003<	0 0002<		
81 05 26 1100			3	1	0 004	0 010	0 0002<		
81 06 02 1030			3	1	0 001	0 009	0 0002<		
1045			3	1	0 004	0 003<		0 004	0 002
81 06 15 1100			3	1	0 008	0 004	0 0001		
81 06 22 1100			3	1	0 004	0 003<	0 0002<		
1115			3	1	0 004	0 003<	0 0004		
81 07 07 1108			3	1	0 003	0 004		0 001<	0 002 <
81 07 22 0915			3	1	0 004	0 008	0 0002		
81 07 29 1415			3	1	0 003	0 010	0 0004		
81 08 04 0933			3	1	0 009	0 005<		0 030<	0 025 <
81 08 05 1330			3	1	0 004	0 009	0 0003		
81 08 17 1030			3		0 006	0 003<	0 0004		
81 08 26 1115			3	1	0 001	0 003<	0 0002<		
81 09 02 1300			3	1	0 007	0 007	0 0006		
81 09 08 1045			3	1	0 012	0 013		0 100	0 005
81 09 09 1030			3	1	0 007	0 003<	0 0001<		
81 09 16 1100			3	1	0 004	0 003<	0 0040		

(CONTD)

B.O.W./ SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT HIGHWAY 40 WALLACEBURG**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-001-83**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0386125.0 4716225.0 4** REGION: **01** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 09 23 1130		.3	1	0.016	0.013	0.0010		
81 09 24 1100		.3	1	0.010	0.003<	0.0001<		
81 09 29		.3	1	0.009	0.003<		0.026	0.0120
81 10 07 1045		.3	1	0.011	0.003<	0.0001<		
81 10 09		.3	1	0.006	0.003<	0.0005		
81 10 26 0930		.3	1	0.016	0.003<	0.0001<		
81 11 02 0930		.3	1	0.010	0.003<	0.0004		
81 11 24 1300		.3	1	0.013	0.003<	0.0001<		
81 12 02 1330		.3	1	0.004	0.003<	0.0002<		
81 12 07 1315		.3	1	0.009	0.003<	0.0001<		
81 12 08 1020		.3	1	0.011	0.010		0.007	0.005
81 12 16 1300		.3	1	0.003	0.003<	0.0002<		
	MAXIMUM			**0.016**	**0.013**	**0.0040**	**0.100**	**0.0120**
	ARITH MEAN			**0.006**	**0.008**	**0.0006**	**0.025**	**0.006**
	GEOM MEAN			**0.005**	**0.008**	**0.0004**	**0.012**	**0.004**
	MINIMUM			**0.001**	**0.003**	**0.0001**	**0.004**	**0.002**
	STD DEV (GEOM *)			**0.004**	**0.003**	**0.0008**	**0.038**	**0.004**
	# SAMPLES (IN STATISTICS)			**68**	**17**	**19**	**6**	**4**

B.O.W./ SITE: **BEAR CREEK**
SAMPLE POINT: **AT FIRST CONCESSION WEST OF PETROLIA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-004-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0404475.0 4746150.0 4** REGION: **01** DISTANCE: **62.441**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1215		.3	1	45005	4						1.0	10.0	1.2
81 02 03 1300		.3	1	45015	4	1000	8200	64	164	4<	1.0	10.0	2.0
81 03 03 1110		.3	1	45025	3	1500>	5100	64	10I	4<	0.0	13.0	0.9
81 04 07 1232		.3	1	45035	3	1500>	5200	8	4<	4<	15.0	10.0	1.6
81 05 05 1150		.3	1	45045	6	500I	9500	124	72	4<	23.0	9.0	1.6
81 06 02 1155		.3	1	45055	6	2200	16000	164	600>	4<	26.0	7.0	3.8
81 07 07 1230		.3	1	45065	6	430C	9400	310	110	4<	27.0	13.0	6.0
81 08 04 1056		.3	1	45075	6	1200	22600	90I	50I	4<	25.0	13.0	3.8
81 09 08 1211		.3	1	45085	3	50000C	1000000	700	460	16	20.0	8.0	2.7
81 10 06 1209		.3	1	45095	3	11000	77000	490	380	4<	12.0	8.0	1.6
81 11 03 1225		.3	1	45105	6	50I	250	20I	10I	4<	8.0	8.0	1.4
81 12 08 1200		.3	1	45115	3						2.0	12.0	0.9
	MAXIMUM					**50000**	**1000000**	**700**	**460**	**16**	**27.0**	**13.0**	**6.0**
	ARITH MEAN					**8297**	**115325**	**203**	**157**	**16**	**14.5**	**10.1**	**2.3**
	GEOM MEAN					**1410**	**12974**	**102**	**76**		**8.8**	**9.9**	**1.9**
	MINIMUM					**50**	**250**	**8**	**10**	**16**	**1.0**	**7.0**	**0.9**
	STD DEV (GEOM *)					**8***	**8***	**4***	**4***		**10.3**	**2.2**	**1.5**
	# SAMPLES (IN STATISTICS)					**8**	**10**	**10**	**8**	**1**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1215		.3	1	0.084	0.054	0.580	1.180	0.030	7.300	7.910	0.600	8.510	853.8
81 02 03 1300		.3	1	0.123	0.050	0.530	1.490	0.031	3.800	4.361	0.960	5.321	861.6
81 03 03 1110		.3	1	0.120	0.061	0.160	0.980	0.042	10.400	10.602	0.820	11.422	433.8
81 04 07 1232		.3	1	0.070	0.016	0.020	0.750	0.024	5.630	5.674	0.730	6.404	536.6
81 05 05 1150		.3	1	0.220	0.035	0.035	1.650	0.061	9.200	9.296	1.615	10.911	556.0
81 06 02 1155		.3	1	0.230	0.043	0.225	2.000	0.330	4.070	4.625	1.775	6.400	647.7
81 07 07 1230		.3	1	0.288	0.040	0.375	2.000	0.017	0.170	0.562	1.625	2.187	738.4
81 08 04 1056		.3	1	0.230	0.028	0.175	1.520	0.014	0.460	0.649	1.345	1.994	1736.2
81 09 08 1211		.3	1	0.222	0.114	0.070	1.620	0.095	6.200	6.365	1.550	7.915	454.2
81 10 06 1209		.3	1	0.235	0.115	0.060	1.400	0.045	5.500	5.605	1.340	6.945	435.6
81 11 03 1225		.3	1	0.143	0.090	0.075	1.110	0.050	5.300	5.425	1.035	6.460	498.0
81 12 08 1200		.3	1	0.098	0.050	0.035	0.920	0.023	5.380	5.438	0.885	6.323	499.0
	MAXIMUM			**0.288**	**0.115**	**0.580**	**2.000**	**0.330**	**10.400**	**10.602**	**1.775**	**11.422**	**1736.2**
	ARITH MEAN			**0.172**	**0.058**	**0.195**	**1.385**	**0.063**	**5.284**	**5.543**	**1.190**	**6.733**	**687.6**
	GEOM MEAN			**0.156**	**0.050**	**0.115**	**1.328**	**0.041**	**3.593**	**4.245**	**1.125**	**6.020**	**629.7**
	MINIMUM			**0.070**	**0.016**	**0.020**	**0.750**	**0.014**	**0.170**	**0.562**	**0.600**	**1.994**	**433.8**
	STD DEV (GEOM *)			**0.073**	**0.032**	**0.197**	**0.406**	**0.087**	**3.010**	**2.970**	**0.399**	**2.854**	**363.8**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	SOLEXT SOLVENT EXTRACT. MG/L
81 01 06 1215		.3	1	9.3	844.5	1380.0	6.80	195.000	7.77		1.000<	
81 02 03 1300		.3	1	8.9	852.7	1350.0	3.90	205.000	7.66		1.000<	
81 03 03 1110		.3	1	21.4	412.4	590.0	19.00	32.000	7.84			
81 04 07 1232		.3	1	44.6	492.0	780.0	26.00	62.000	8.04	2.00	1.000<	
81 05 05 1150		.3	1	116.9	439.1	683.0	85.00	38.000	7.95		1.000<	
81 06 02 1155		.3	1	80.4	567.3	840.0	75.00	78.500	7.69		1.000	
81 07 07 1230		.3	1	59.6	678.8	1000.0	32.00	165.000	7.68			
81 08 04 1056		.3	1	50.6	1685.6	2200.0	38.00	560.000	8.19		1.000<	
81 09 08 1211		.3	1	53.6	400.6	560.0	70.00	23.500	7.79		1.000<	
81 10 06 1209		.3	1	43.5	392.1	545.0	74.00	20.500	7.85		1.000<	1
81 11 03 1225		.3	1	22.2	475.8	715.0	25.00	34.500	7.99		1.000<	
81 12 08 1200		.3	1	13.9	485.1	715.0	27.00	39.000	8.04		1.000<	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	SOLEXT SOLVENT EXTRACT. MG/L
MAXIMUM				116.9	1685.6	2200.0	85.00	560.000	8.19	2.00	1.000	1
ARITH MEAN				43.7	643.8	946.5	40.14	121.083	7.87	2.00	1.000	1
GEOM MEAN				32.9	582.0	862.2	29.01	70.137	7.87			
MINIMUM				8.9	392.1	546.0	3.90	20.500	7.66	2.00	1.000	1
STD DEV (GEOM *)				32.1	365.7	484.1	28.30	154.066	0.17			
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	1	1	1

B.O.W./ SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT DOWN MILLS ROAD UPSTREAM OF DRESDEN**
STATION TYPE: **RIVER FLOW GAUGE FED 02GG007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-006-02**
STORET CODE: **02 003 2980**

LAT: LONG: U.T.M.: **17 0407325.0 4715600.0 4** REGION: **01** DISTANCE: **22.530**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 01 06 0940		.3	1	45001	4	1.780						0.0	10.0
81 02 03 1520		.3	1	45011	4	2.280	610C	3800	130	110	4<	1.0	10.0
81 03 03 0850		.3	1	45021	3	22.600	360	1360	56	64	4<	0.0	12.0
81 04 07 1004		.3	1	45031	3	4.750	130	2500	4	56	4<	15.0	11.0
81 05 05 0940		.3	1	45041	6	9.990	160C	3500	12	24	4<	21.0	10.0
81 06 02 1015		.3	1	45051	6	2.750	4600	12000	36	600>	4	25.0	8.0
81 07 07 1035		.3	1	45061	6	1.590						26.0	3.0
81 08 04 0858		.3	1	45071	6	1.000	450C	5200	100	120	4<	24.0	4.0
81 09 08 0949		.3	1	45081	3	6.710	100000	1500000	920	450	72	20.0	8.0
81 10 06 0845		.3	1	45091	3	29.000	15000	144000	170	140	4<	12.0	8.0
81 11 03 1015		.3	1	45101	6	10.900	21000C	430000	100	120	4<	9.0	9.0
81 12 08 0859		.3	1	45111	3	9.250						2.0	12.0
MAXIMUM						**29.000**	**100000**	**1500000**	**920**	**450**	**72**	**26.0**	**12.0**
ARITH MEAN						**8.550**	**15812**	**233595**	**170**	**135**	**38**	**15.5**	**8.7**
GEOM MEAN						**5.180**	**1883**	**18566**	**65**	**98**	**17**	**10.8**	**8.2**
MINIMUM						**1.000**	**130**	**1360**	**4**	**24**	**4**	**1.0**	**3.0**
STD DEV (GEOM *)						**8.872**	**11***	**13***	**5***	**2***	**8***	**9.3**	**2.8**
# SAMPLES (IN STATISTICS)						**12**	**9**	**9**	**9**	**8**	**2**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 06 0940		.3	1	0.9	0.054	0.028	0.315	0.830	0.013	4.000	4.328	0.515	4.843
81 02 03 1520		.3	1	1.4	0.107	0.060	0.350	1.140	0.021	2.900	3.271	0.790	4.061
81 03 03 0850		.3	1	0.5	0.121	0.052	0.135	0.960	0.035	8.600	8.770	0.825	9.595
81 04 07 1004		.3	1	1.3	0.043	0.007	0.055	0.670	0.018	4.980	5.053	0.615	5.668
81 05 05 0940		.3	1	2.4	0.140	0.028	0.035	1.160	0.034	7.100	7.169	1.125	8.294
81 06 02 1015		.3	1	3.1	0.128	0.009	0.055	1.120	0.072	2.380	2.507	1.065	3.572
81 07 07 1035		.3	1	1.6	0.102	0.024	0.035	0.860	0.014	4.140	4.189	0.825	5.014
81 08 04 0858		.3	1	0.8	0.112	0.022	0.040	0.620	0.006	0.470	0.516	0.580	1.096
81 09 08 0949		.3	1	1.2	0.272	0.120	0.015	1.700	0.060	4.000	4.075	1.685	5.760
81 10 06 0845		.3	1	1.3	0.218	0.093	0.045	1.460	0.036	7.900	7.981	1.415	9.396
81 11 03 1015		.3	1	1.4	0.098	0.047	0.050	0.920	0.026	7.670	7.746	0.870	8.616
81 12 08 0859		.3	1	1.0	0.074	0.040	0.055	0.800	0.020	5.980	6.055	0.745	6.800
MAXIMUM				**3.1**	**0.272**	**0.120**	**0.350**	**1.700**	**0.072**	**8.600**	**8.770**	**1.685**	**9.595**
ARITH MEAN				**1.4**	**0.122**	**0.044**	**0.099**	**1.020**	**0.030**	**5.010**	**5.138**	**0.921**	**6.060**
GEOM MEAN				**1.3**	**0.108**	**0.033**	**0.063**	**0.978**	**0.024**	**4.116**	**4.274**	**0.868**	**5.352**
MINIMUM				**0.5**	**0.043**	**0.007**	**0.015**	**0.620**	**0.006**	**0.470**	**0.516**	**0.515**	**1.096**
STD DEV (GEOM *)				**0.7**	**0.065**	**0.034**	**0.113**	**0.317**	**0.020**	**2.494**	**2.477**	**0.348**	**2.582**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 06 0940		.3	1	405.0	35.4	369.6	720.0	7.00	25.000	7.66			
81 02 03 1520		.3	1	393.8	17.0	376.8	610.0	6.80	27.000	7.78			
81 03 03 0850		.3	1	428.5	37.8	390.7	570.0	21.00	19.500	7.91			
81 04 07 1004		.3	1	407.5	17.5	390.0	620.0	12.00	25.500	8.13			
81 05 05 0940		.3	1	480.0	75.6	404.4	585.0	47.00	18.500	8.04			
81 06 02 1015		.3	1	487.3	79.1	408.2	585.0	46.00	23.000	7.89			
81 07 07 1035		.3	1	462.4	65.3	397.1	555.0	44.00	24.000	8.09			
81 08 04 0858		.3	1	418.2	51.3	366.9	478.0	49.00	19.000	8.11			
81 09 08 0949		.3	1	463.8	95.7	368.1	477.0	90.00	16.000	7.87	0.001<	0.012	0.013
81 10 06 0845		.3	1	475.8	64.5	411.3	580.0	72.00	20.000	7.89			
81 11 03 1015		.3	1	510.0	29.6	480.4	700.0	25.00	24.000	8.08			
81 12 08 0859		.3	1	460.8	11.6	449.2	680.0	18.00	25.500	8.14			
MAXIMUM				**510.0**	**95.7**	**480.4**	**720.0**	**90.00**	**27.000**	**8.14**		**0.012**	**0.013**
ARITH MEAN				**449.4**	**48.4**	**401.1**	**596.7**	**36.48**	**22.250**	**7.97**		**0.012**	**0.013**
GEOM MEAN				**448.0**	**40.0**	**399.8**	**592.1**	**27.19**	**21.986**	**7.96**			
MINIMUM				**393.8**	**11.6**	**366.9**	**477.0**	**6.80**	**16.000**	**7.66**		**0.012**	**0.013**
STD DEV (GEOM *)				**37.5**	**27.6**	**34.2**	**76.8**	**26.29**	**3.493**	**0.15**			
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**		**1**	**1**

(CONTD)

B.O.W / SITE: **SYDENHAM RIVER**
SAMPLE POINT: **AT DOWN MILLS ROAD UPSTREAM OF DRESDEN**
STATION TYPE: **RIVER FLOW GAUGE FED 02GG007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-006-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0407325.0 4715600.0 4** REGION: **01** DISTANCE: **22.530**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ZNUT*	*NIUT*
81 09 08 0949		.3	1	0.100	0.005
MAXIMUM				**0.100**	**0.005**
ARITH MEAN				**0.100**	**0.005**
GEOM MEAN					
MINIMUM				**0.100**	**0.005**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W / SITE: **SYDENHAM RIVER**
SAMPLE POINT: **1ST.CONC SOUTH OF HWY.22 STRATHROY**
STATION TYPE: **RIVER FLOW GAUGE FED 02GG005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-007-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0445450.0 4753175.0 4** REGION: **01** DISTANCE: **130.675**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1500		.3	1	45009	4	0.545						1.0	10.0
81 02 03 0930		.3	1	45019	4	0.550	24100>	33000	600>	272	64	1.0	10.0
81 03 03 1330		.3	1	45029	3	3.790	9200C	78000	2500	320	24	0.0	11.0
81 04 07 1516		.3	1	45039	6	1.130	350C	4600	24	4<	4<	15.0	11.0
81 05 05 1430		.3	1	45049	6	1.400	300C	3300	92	48	4<	22.0	11.0
81 06 02 1450		.3	1	45059	6	0.641	2100	14000	108	48	4	29.0	11.0
81 07 07 1514		.3	1	45069	6	0.552	1900	26000	152	132	4<	23.0	6.0
81 08 04 1323		.3	1	45079	6	0.422	3200	11200	110	140	4<	20.0	6.0
81 09 08 1516		.3	1	45089	3	1.080	20000>	240000>	440	168	20	20.0	8.0
81 10 06 1440		.3	1	45099	3	2.020	30000C	730000	180	100	4<	12.0	8.0
81 11 03 1500		.3	1	45109	6	1.840	5400C	32000	190	50I	4<	12.0	9.0
81 12 08 1440		.3	1	45119	3	1.790						2.0	11.0
MAXIMUM						**3.790**	**30000**	**730000**	**2500**	**320**	**64**	**29.0**	**11.0**
ARITH MEAN						**1.313**	**6556**	**103567**	**422**	**142**	**28**	**14.3**	**9.3**
GEOM MEAN						**1.056**	**2586**	**24931**	**174**	**113**	**19**	**8.8**	**9.1**
MINIMUM						**0.422**	**300**	**3300**	**24**	**48**	**4**	**1.0**	**6.0**
STD DEV (GEOM *)						**0.964**	**5***	**5***	**4***	**2***	**3***	**9.7**	**1.9**
# SAMPLES (IN STATISTICS)						**12**	**8**	**9**	**9**	**9**	**4**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1500		.3	1	0.8	0.204	0.153	0.850	1.380	0.017	3.300	4.167	0.530	4.697
81 02 03 0930		.3	1	3.3	0.236	0.115	1.200	2.740	0.019	2.800	4.019	1.540	5.559
81 03 03 1330		.3	1	0.9	0.121	0.092	0.355	0.970	0.035	12.200	12.590	0.615	13.205
81 04 07 1516		.3	1	1.3	0.095	0.063	0.320	0.740	0.035	4.010	4.365	0.420	4.785
81 05 05 1430		.3	1	2.0	0.150	0.042	0.120	0.980	0.055	4.700	4.875	0.860	5.735
81 06 02 1450		.3	1	2.3	0.134	0.056	0.065	0.800	0.169	5.920	6.154	0.735	6.889
81 07 07 1514		.3	1	1.8	0.146	0.051	0.070	0.800	0.057	2.440	2.567	0.730	3.297
81 08 04 1323		.3	1	1.4	0.072	0.016	0.065	0.660	0.023	1.760	1.848	0.595	2.443
81 09 08 1516		.3	1	2.0	0.184	0.059	0.155	1.700	0.084	5.500	5.739	1.545	7.284
81 10 06 1440		.3	1	1.4	0.144	0.098	0.160	1.120	0.064	6.500	6.724	0.960	7.684
81 11 03 1500		.3	1	1.1	0.158	0.130	0.095	0.720	0.042	5.410	5.547	0.625	6.172
81 12 08 1440		.3	1	1.4	0.118	0.074	0.265	0.830	0.025	4.830	5.120	0.565	5.685
MAXIMUM				**3.3**	**0.236**	**0.153**	**1.200**	**2.740**	**0.169**	**12.200**	**12.590**	**1.545**	**13.205**
ARITH MEAN				**1.6**	**0.147**	**0.079**	**0.310**	**1.120**	**0.052**	**4.947**	**5.310**	**0.810**	**6.120**
GEOM MEAN				**1.5**	**0.140**	**0.069**	**0.192**	**1.021**	**0.042**	**4.384**	**4.784**	**0.747**	**5.638**
MINIMUM				**0.8**	**0.072**	**0.016**	**0.065**	**0.660**	**0.017**	**1.760**	**1.848**	**0.420**	**2.443**
STD DEV (GEOM *)				**0.7**	**0.045**	**0.040**	**0.356**	**0.594**	**0.042**	**2.717**	**2.689**	**0.372**	**2.706**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*
81 01 06 1500		.3	1	383.4	4.8	378.6	620.0	1.00	21.500	7.74	
81 02 03 0930		.3	1	402.4	4.8	397.6	630.0	2.00	26.000	7.77	
81 03 03 1330		.3	1	386.3	7.6	378.7	570.0	4.20	19.000	7.91	
81 04 07 1516		.3	1	384.4	11.9	372.5	600.0	4.00	20.000	8.08	1.000<
81 05 05 1430		.3	1	416.9	48.3	368.6	581.0	22.00	17.000	7.98	
81 06 02 1450		.3	1	440.4	31.3	409.1	550.0	14.00	18.500	7.92	
81 07 07 1514		.3	1	401.6	25.4	376.2	550.0	15.00	18.000	8.00	
81 08 04 1323		.3	1	359.8	13.9	345.9	525.0	7.20	15.500	7.91	
81 09 08 1516		.3	1	441.2	39.6	401.6	575.0	17.00	21.500	7.79	
81 10 06 1440		.3	1	442.6	13.9	428.7	640.0	6.60	21.500	7.89	
81 11 03 1500		.3	1	437.2	11.2	426.0	660.0	6.50	19.500	8.01	1.000<
81 12 08 1440		.3	1	434.4	8.2	426.2	635.0	4.30	23.500	8.02	
MAXIMUM				**442.6**	**48.3**	**428.7**	**660.0**	**22.00**	**26.000**	**8.08**	
ARITH MEAN				**410.9**	**18.4**	**392.5**	**594.7**	**8.65**	**20.125**	**7.92**	
GEOM MEAN				**410.0**	**14.0**	**391.6**	**593.3**	**6.24**	**19.939**	**7.92**	
MINIMUM				**359.8**	**4.8**	**345.9**	**525.0**	**1.00**	**15.500**	**7.74**	
STD DEV (GEOM *)				**28.5**	**14.4**	**26.5**	**42.5**	**6.68**	**2.885**	**0.11**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	

B.O.W./ SITE: **BEAR CREEK**
SAMPLE POINT: **AT TOWNSHIP LINE N-E OF AVONRY STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-008-02**
STORET CODE: **02 003 2980**

LAT: LONG: U.T.M: **17 0390200.0 4735250.0 4** REGION: **01** DISTANCE: **34.278**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1130		.3	1	45003	4						1.0	11.0	2.2
81 02 03 1400		.3	1	45013	4	510	1130	36	60	4<	1.0	10.0	1.3
81 03 03 1030		.3	1	45023	3	560	2300	92	80I	4<	0.0	12.0	0.8
81 04 07 1145		.3	1	45033	3						15.0	10.0	2.0
81 05 05 1110		.3	1	45043	6	750	1900	80	48	4<	22.0	9.0	1.0
81 06 02 1115		.3	1	45053	6	800I	20000	196	600>	4<	25.0	8.0	2.4
81 07 07 1143		.3	1	45063	6	750C	24000>	340	230	4<	26.0	5.0	3.8
81 08 04 1009		.3	1	45073	6	390C	24000>	200	200	4<	25.0	9.0	2.4
81 09 08 1118		.3	1	45083	3	10000C	1100000	290	560	88	20.0	8.0	1.1
81 10 06 1112		.3	1	45093	3	8000I	46000	260	150	4<	12.0	8.0	1.8
81 11 03 1125		.3	1	45103	6	11600C	45000	60I	60I	4<	9.0	11.0	1.0
81 12 08 1100		.3	1	45113	3						2.0	12.0	1.4
MAXIMUM						**11600**	**1100000**	**340**	**560**	**88**	**26.0**	**12.0**	**3.8**
ARITH MEAN						**3707**	**173761**	**173**	**173**	**88**	**14.4**	**9.4**	**1.8**
GEOM MEAN						**1532**	**15600**	**136**	**123**		**8.8**	**9.2**	**1.6**
MINIMUM						**390**	**1130**	**36**	**48**	**88**	**1.0**	**5.0**	**0.8**
STD DEV (GEOM *)						**4***	**11***	**2***	**2***		**10.0**	**2.0**	**0.9**
# SAMPLES (IN STATISTICS)						**9**	**7**	**9**	**8**	**1**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1130		.3	1	0.170	0.084	0.245	1.100	0.066	7.000	7.311	0.855	8.166	1066.0
81 02 03 1400		.3	1	0.142	0.091	0.765	1.560	0.027	4.100	4.892	0.795	5.687	1131.4
81 03 03 1030		.3	1	0.128	0.068	0.140	1.070	0.038	9.700	9.878	0.930	10.808	470.5
81 04 07 1145		.3	1	0.115	0.005	0.020	0.950	0.020	5.680	5.720	0.930	6.650	628.4
81 05 05 1110		.3	1	0.400	0.160	0.050	2.150	0.077	9.300	9.427	2.100	11.527	652.9
81 06 02 1115		.3	1	0.205	0.022	0.050	1.200	0.035	3.610	3.695	1.150	4.845	780.9
81 07 07 1143		.3	1	0.226	0.022	0.125	1.320	0.005	0.020	0.150	1.195	1.345	946.2
81 08 04 1009		.3	1	0.190	0.021	0.235	1.340	0.011	0.060	0.306	1.105	1.411	2838.6
81 09 08 1118		.3	1	0.238	0.140	0.063	1.620	0.093	6.700	6.856	1.557	8.413	399.0
81 10 06 1112		.3	1	0.310	0.150	0.055	1.750	0.043	5.200	5.298	1.695	6.993	401.8
81 11 03 1125		.3	1	0.136	0.085	0.035	1.460	0.034	4.820	4.889	1.425	6.314	497.7
81 12 08 1100		.3	1	0.130	0.057	0.040	1.050	0.024	5.030	5.094	1.010	6.104	520.3
MAXIMUM				**0.400**	**0.160**	**0.765**	**2.150**	**0.093**	**9.700**	**9.878**	**2.100**	**11.527**	**2838.6**
ARITH MEAN				**0.199**	**0.075**	**0.152**	**1.381**	**0.039**	**5.102**	**5.293**	**1.229**	**6.522**	**861.1**
GEOM MEAN				**0.185**	**0.052**	**0.087**	**1.344**	**0.031**	**2.479**	**3.458**	**1.178**	**5.521**	**722.6**
MINIMUM				**0.115**	**0.005**	**0.020**	**0.950**	**0.005**	**0.020**	**0.150**	**0.795**	**1.345**	**399.0**
STD DEV (GEOM *)				**0.085**	**0.053**	**0.208**	**0.348**	**0.027**	**3.013**	**3.001**	**0.393**	**3.113**	**671.6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	SOLEXT SOLVENT EXTRACT. MG/L
81 01 06 1130		.3	1	58.2	1007.8	1700.0	7.50	295.000	7.61		1.000<	2
81 02 03 1400		.3	1	20.3	1111.1	1750.0	10.00	330.000	7.66		1.000<	0.000
81 03 03 1030		.3	1	40.9	429.6	610.0	34.00	32.500	7.92		1.000<	
81 04 07 1145		.3	1	60.6	567.8	890.0	38.00	84.500	8.09	3.00	1.000<	3
81 05 05 1110		.3	1	177.7	475.2	732.0	120.00	47.500	7.92		0.100<	
81 06 02 1115		.3	1	117.4	663.5	1010.0	90.00	125.000	8.07		1.000<	0.000
81 07 07 1143		.3	1	113.0	833.2	1210.0	86.00	225.000	7.72		1.000<	
81 08 04 1009		.3	1	83.6	2755.0	3340.0	75.00	920.000	7.60		1.000<	
81 09 08 1118		.3	1	62.3	336.7	434.0	100.00	17.500	7.79		1.000<	3
81 10 06 1112		.3	1	29.3	372.5	443.0	110.00	16.000	7.75		1.000<	
81 11 03 1125		.3	1	29.0	468.7	695.0	42.00	35.000	7.91		1.000<	
81 12 08 1100		.3	1	21.3	499.0	720.0	42.00	43.500	8.02		1.000<	
MAXIMUM				**177.7**	**2755.0**	**3340.0**	**120.00**	**920.000**	**8.09**	**3.00**		**3**
ARITH MEAN				**67.8**	**793.3**	**1127.8**	**62.87**	**180.958**	**7.84**	**3.00**		**2**
GEOM MEAN				**54.3**	**651.0**	**938.1**	**47.47**	**84.891**	**7.84**			**2**
MINIMUM				**20.3**	**336.7**	**434.0**	**7.50**	**16.000**	**7.60**	**3.00**		**2**
STD DEV (GEOM *)				**47.8**	**665.8**	**821.0**	**38.69**	**257.568**	**0.17**			**0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**1**		**3**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **BLACK CREEK**
SAMPLE POINT: **AT COUNTY ROAD 9 WEST OF OIL SPRINGS**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GG101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-009-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0404100.0 4737700.0 4** REGION: **01** DISTANCE: **49.406**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1155		.3	1	45004	4						1.0	10.0	1.4
81 02 03 1320		.3	1	45014	4	180	1500	72	84	4<	1.0	10.0	2.2
81 03 03 1055		.3	1	45024	3	1500>	2160	84	64	4<	0.0	12.0	0.6
81 04 07 1215		.3	1	45034	3	360C	7400	20	8	4<	15.0	12.0	3.6
81 05 05 1135		.3	1	45044	6	450C	24000>	140	88	4<	24.0	9.0	2.4
81 06 02 1145		.3	1	45054	6	600I	24000	100	152	4<	25.0	7.0	1.4
81 07 07 1210		.3	1	45064	9	4400C	38000	1160	390	4<	28.0	7.0	2.0
81 08 04 1035		.3	1	45074	9	450C	11200	320	190	4<	25.0	5.0	2.2
81 09 08 1150		.3	1	45084	3	800C	90000	30I	300	16	20.0	8.0	1.7
81 10 06 1147		.3	1	45094	3	17000	90000	310	320	8	12.0	8.0	1.8
81 11 03 1200		.3	1	45104	6	200I	200	60I	100	4<	8.0	10.0	1.8
81 12 08 1140		.3	1	45114	3						2.0	11.0	5.9
MAXIMUM						**17000**	**90000**	**1160**	**390**	**16**	**28.0**	**12.0**	**5.9**
ARITH MEAN						**2716**	**29384**	**230**	**170**	**12**	**14.6**	**9.1**	**2.2**
GEOM MEAN						**769**	**9024**	**113**	**115**	**11**	**8.8**	**8.8**	**2.0**
MINIMUM						**180**	**200**	**20**	**8**	**8**	**1.0**	**5.0**	**0.6**
STD DEV (GEOM *)						**4***	**8***	**3***	**3***	**2***	**10.5**	**2.2**	**1.4**
# SAMPLES (IN STATISTICS)						**9**	**9**	**10**	**10**	**2**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1155		.3	1	0.048	0.007	0.330	1.260	0.055	5.800	6.185	0.930	7.115	1766.4
81 02 03 1320		.3	1	0.062	0.015	1.100	2.060	0.030	1.730	2.860	0.960	3.820	2903.4
81 03 03 1055		.3	1	0.143	0.073	0.100	1.110	0.052	8.100	8.252	1.010	9.262	503.4
81 04 07 1215		.3	1	0.284	0.169	0.140	0.330	0.075	4.670	4.885	0.190	5.075	746.2
81 05 05 1135		.3	1	0.640	0.038	0.025	0.660	0.054	7.500	7.579	0.635	8.214	630.8
81 06 02 1145		.3	1	0.312	0.180	0.065	1.100	0.014	0.860	0.939	1.035	1.974	944.6
81 07 07 1210		.3	1	0.096	0.005	0.065	1.280	0.154	4.350	4.569	1.215	5.784	903.9
81 08 04 1035		.3	1	0.126	0.015	0.290	1.570	0.006	0.030	0.326	1.280	1.606	2296.8
81 09 08 1150		.3	1	0.375	0.020	0.055	2.000	0.111	3.900	4.066	1.945	6.011	652.3
81 10 06 1147		.3	1	0.510	0.250	0.050	2.000	0.059	4.600	4.709	1.950	6.659	526.2
81 11 03 1200		.3	1	0.216	0.150	0.060	1.400	0.031	4.070	4.161	1.340	5.501	623.2
81 12 08 1140		.3	1	0.096	0.037	0.030	1.160	0.017	4.280	4.327	1.130	5.457	699.4
MAXIMUM				**0.640**	**0.250**	**1.100**	**2.060**	**0.154**	**8.100**	**8.252**	**1.950**	**9.262**	**2903.4**
ARITH MEAN				**0.242**	**0.080**	**0.192**	**1.327**	**0.055**	**4.157**	**4.405**	**1.135**	**5.540**	**1099.7**
GEOM MEAN				**0.180**	**0.040**	**0.098**	**1.201**	**0.040**	**2.610**	**3.425**	**1.000**	**4.977**	**917.6**
MINIMUM				**0.048**	**0.005**	**0.025**	**0.330**	**0.006**	**0.030**	**0.326**	**0.190**	**1.606**	**503.4**
STD DEV (GEOM *)				**0.189**	**0.084**	**0.303**	**0.529**	**0.043**	**2.408**	**2.328**	**0.489**	**2.264**	**786.8**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	SOLEXT SOLVENT EXTRACT. MG/L
81 01 06 1155		.3	1	27.2	1739.2	2650.0	15.00	565.000	7.58	1.000<	
81 02 03 1320		.3	1	11.3	2892.1	3950.0	4.40	1080.00	7.56	2.000	
81 03 03 1055		.3	1	30.5	472.9	620.0	37.00	48.000	7.86	1.000<	
81 04 07 1215		.3	1	22.1	724.1	1010.0	25.00	125.000	8.35	1.000<	2
81 05 05 1135		.3	1	58.6	572.2	785.0	90.00	67.000	7.93	1.000<	
81 06 02 1145		.3	1	73.2	871.4	1360.0	55.00	200.000	7.89	1.000<	
81 07 07 1210		.3	1	32.0	871.9	1220.0	36.00	225.000	8.09		
81 08 04 1035		.3	1	43.9	2252.9	3070.0	33.00	475.000	7.51	1.000<	
81 09 08 1150		.3	1	60.9	591.4	690.0	115.00	75.000	7.78	1.000<	
81 10 06 1147		.3	1	46.4	479.8	478.0	16.50	29.000	7.80	1.000<	1
81 11 03 1200		.3	1	30.7	592.5	820.0	49.00	77.000	7.96	1.000<	
81 12 08 1140		.3	1	18.7	680.7	935.0	35.00	108.000	8.02	1.000<	
MAXIMUM				**73.2**	**2892.1**	**3950.0**	**115.00**	**1080.00**	**8.35**	**2.000**	**2**
ARITH MEAN				**38.0**	**1061.8**	**1465.7**	**42.57**	**256.167**	**7.86**	**2.000**	**1**
GEOM MEAN				**33.5**	**871.9**	**1170.7**	**32.04**	**146.133**	**7.86**		**1**
MINIMUM				**11.3**	**472.9**	**478.0**	**4.40**	**29.000**	**7.51**	**2.000**	**1**
STD DEV (GEOM *)				**18.8**	**793.5**	**1123.4**	**31.79**	**310.556**	**0.24**		**1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**1**	**2**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BEAR CREEK**
SAMPLE POINT: **AT HIGHWAY 21 2 MILES N-E OF PETROLIA**
STATION TYPE: **RIVER FLOW GAUGE FED 02GG006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-010-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0408250.0 4749815.0 4** REGION: **01** DISTANCE: **73.706**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1300		.3	1	45006	4	0.155						1.0	10.0
81 02 03 1130		.3	1	45016	4	0.350	340	1220	52	232	4<	1.0	10.0
81 03 03 1130		.3	1	45026	3	4.040	700C	30000	30I	30I	4<	0.0	13.0
81 04 07 1342		.3	1	45036	3	0.755						15.0	13.0
81 05 05 1245		.3	1	45046	6	1.420	480C	2900	116	48	4<	23.0	10.0
81 06 02 1255		.3	1	45056	6	0.304	160C	4000	88	28	4<	27.0	9.0
81 07 07 1305		.3	1	45066	6	0.034	40C	24000>	30I	20I	4<	28.0	7.0
81 08 04 1133		.3	1	45076	6	0.053	160	1710	130	30I	4<	25.0	8.0
81 09 08 1305		.3	1	45086	3	3.100	70000I	2200000	840	500	4	20.0	8.0
81 10 06 1236		.3	1	45096	3	5.650	5000C	430000	230	390	4<	12.0	8.0
81 11 03 1300		.3	1	45106	6	1.840	100<	100<	20I	10I	4<	10.0	10.0
81 12 08 1230		.3	1	45116	3	1.520						2.0	11.0
MAXIMUM						**5.650**	**70000**	**2200000**	**840**	**500**	**4**	**28.0**	**13.0**
ARITH MEAN						**1.602**	**9610**	**381404**	**171**	**143**	**4**	**14.9**	**9.7**
GEOM MEAN						**0.656**	**671**	**18298**	**85**	**61**		**9.0**	**9.6**
MINIMUM						**0.034**	**40**	**1220**	**20**	**10**	**4**	**1.0**	**7.0**
STD DEV (GEOM *)						**1.799**	**10***	**19***	**3***	**4***		**10.5**	**1.9**
# SAMPLES (IN STATISTICS)						**12**	**8**	**7**	**9**	**9**	**1**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1300		.3	1	2.4	0.038	0.014	0.460	1.060	0.024	5.500	5.984	0.600	6.584
81 02 03 1130		.3	1	2.0	0.062	0.005	0.345	1.960	0.028	3.600	3.973	1.615	5.588
81 03 03 1130		.3	1	0.8	0.099	0.050	0.220	1.050	0.045	10.400	10.665	0.830	11.495
81 04 07 1342		.3	1	1.2	0.034	0.003	0.010	0.680	0.020	5.430	5.460	0.670	6.130
81 05 05 1245		.3	1	0.4	0.120	0.038	0.030	1.060	0.068	9.400	9.498	1.030	10.528
81 06 02 1255		.3	1	1.4	0.074	0.010	0.030	0.780	0.043	3.410	3.483	0.750	4.233
81 07 07 1305		.3	1	2.0	0.100	0.018	0.170	1.080	0.014	0.010	0.194	0.910	1.104
81 08 04 1133		.3	1	4.1	0.160	0.005	0.205	1.660	0.040	0.110	0.355	1.455	1.810
81 09 08 1305		.3	1	1.3	0.198	0.087	0.065	1.540	0.089	7.900	8.054	1.475	9.529
81 10 06 1236		.3	1	1.8	0.190	0.075	0.035	1.250	0.038	6.900	6.973	1.215	8.188
81 11 03 1300		.3	1	1.2	0.091	0.056	0.050	0.800	0.019	6.130	6.199	0.750	6.949
81 12 08 1230		.3	1	1.0	0.155	0.061	0.040	1.000	0.035	5.660	5.735	0.960	6.695
MAXIMUM				**4.1**	**0.198**	**0.087**	**0.460**	**1.960**	**0.089**	**10.400**	**10.665**	**1.615**	**11.495**
ARITH MEAN				**1.6**	**0.110**	**0.035**	**0.138**	**1.160**	**0.039**	**5.371**	**5.548**	**1.022**	**6.569**
GEOM MEAN				**1.4**	**0.096**	**0.021**	**0.078**	**1.107**	**0.034**	**2.547**	**3.686**	**0.972**	**5.541**
MINIMUM				**0.4**	**0.034**	**0.003**	**0.010**	**0.680**	**0.014**	**0.010**	**0.194**	**0.800**	**1.104**
STD DEV (GEOM *)				**1.0**	**0.056**	**0.030**	**0.145**	**0.383**	**0.022**	**3.224**	**3.207**	**0.342**	**3.171**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	SOLVENT EXTRACT. MG/L
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*SOLEXT*
81 01 06 1300		.3	1	577.6	24.6	553.0	920.0	7.00	53.500	7.68	1.000<	2
81 02 03 1130		.3	1	578.6	17.0	561.6	850.0	7.10	63.500	7.64	1.000<	0.000
81 03 03 1130		.3	1	413.0	17.9	395.1	550.0	13.00	26.000	7.92		
81 04 07 1342		.3	1	483.5	24.9	458.6	690.0	17.00	39.500	8.15		2
81 05 05 1245		.3	1	471.2	65.6	405.6	639.0	44.00	26.000	7.99	1.000<	
81 06 02 1255		.3	1	487.9	27.9	460.0	650.0	30.00	30.000	8.02	1.000<	
81 07 07 1305		.3	1	450.9	47.2	403.7	565.0	41.00	37.000	7.87		
81 08 04 1133		.3	1	434.6	49.6	385.0	492.0	40.00	31.000	7.73	1.000<	
81 09 08 1305		.3	1	495.8	59.5	436.3	615.0	60.00	21.500	7.88	1.000<	5
81 10 06 1236		.3	1	476.2	55.8	420.4	610.0	56.00	18.000	7.94	1.000<	
81 11 03 1300		.3	1	476.6	19.2	457.4	695.0	19.00	21.000	8.07	1.000<	
81 12 08 1230		.3	1	509.2	26.3	482.9	640.0	82.00	24.500	8.09	1.000<	
MAXIMUM				**578.6**	**65.6**	**561.6**	**920.0**	**82.00**	**63.500**	**8.15**		**5**
ARITH MEAN				**487.9**	**36.3**	**451.6**	**659.7**	**34.67**	**32.625**	**7.91**		**3**
GEOM MEAN				**485.7**	**32.4**	**448.4**	**650.3**	**26.58**	**30.394**	**7.91**		**2**
MINIMUM				**413.0**	**17.0**	**385.0**	**492.0**	**7.00**	**18.000**	**7.64**		**2**
STD DEV (GEOM *)				**49.7**	**17.9**	**57.8**	**120.8**	**23.49**	**13.789**	**0.16**		**1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**		**3**

B.O.W./SITE: **BROWN CREEK**
SAMPLE POINT: **FIRST CONCESSION SOUTH OF WATFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA105**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-011-02**
STORET CODE: **02 003 2980**

LAT. LONG. U.T.M.: **17 0429140.0 4753275.0 4** REGION: **01** DISTANCE: **117.157**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1425		.3	1	45008	4						1.0	10.0	1.7
81 03 03 1240		.3	1	45028	0	120	1600	10I	24	4<	0.0	13.0	0.5
81 04 07 1457		.3	1	45038	6	130C	5800	24	16	4<	17.0	11.0	1.4
81 05 05 1410		.3	1	45048	6	340C	3400	48	48	4<	23.0	11.0	0.6
81 06 02 1420		.3	1	45058	5	130	1300	36	16	4<	29.0	9.0	1.9
81 07 07 1453		.3	1	45068	5						26.0	5.0	7.2
81 08 04 1253		.3	1	45078	6	270C	24000>	40I	10I	4<	25.0	7.0	9.6
81 09 08 1450		.3	1	45088	3	12000C	240000	600>	304	56	20.0	8.0	1.9
81 10 06 1420		.3	1	45098	8	9000I	72000	280	560	4	12.0	8.0	1.1
81 11 03 1435		.3	1	45108	6	10I	50	20I	10<	4<	12.0	11.0	2.1
81 12 08 1430		.3	1	45118	3						2.0	11.0	1.4
	MAXIMUM					**12000**	**240000**	**280**	**560**	**56**	**29.0**	**13.0**	**9.6**
	ARITH MEAN					**2750**	**46307**	**65**	**140**	**30**	**16.7**	**9.5**	**2.7**
	GEOM MEAN					**345**	**4466**	**37**	**47**	**15**	**11.6**	**9.2**	**1.8**
	MINIMUM					**10**	**50**	**10**	**10**	**4**	**1.0**	**5.0**	**0.5**
	STD DEV (GEOM *)					**11***	**16***	**3***	**5***	**6***	**9.8**	**2.3**	**2.9**
	# SAMPLES (IN STATISTICS)					**8**	**7**	**7**	**7**	**2**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1425		.3	1	0.162	0.110	0.770	1.540	0.017	5.600	6.387	0.770	7.157	548.2
81 03 03 1240		.3	1	0.136	0.099	0.300	1.030	0.037	12.600	12.937	0.730	13.667	465.8
81 04 07 1457		.3	1	0.092	0.047	0.025	0.840	0.043	6.810	6.878	0.815	7.693	447.0
81 05 05 1410		.3	1	0.955	0.630	0.050	0.960	0.059	9.700	9.809	0.910	10.719	423.0
81 06 02 1420		.3	1	0.104	0.017	0.030	0.840	0.033	1.190	1.253	0.810	2.063	393.7
81 07 07 1453		.3	1	0.455	0.040	0.035	2.700	0.010	0.010<	0.055	2.665	2.720	494.8
81 08 04 1253		.3	1	0.234	0.065	0.090	3.750	0.004	0.010<	0.104	3.660	3.764	610.7
81 09 08 1450		.3	1	0.186	0.096	0.265	2.340	0.089	7.900	8.254	2.075	10.329	535.9
81 10 06 1420		.3	1	0.220	0.157	0.090	1.240	0.122	6.000	6.212	1.150	7.362	456.1
81 11 03 1435		.3	1	0.280	0.200	0.075	0.760	0.094	6.210	6.379	0.685	7.064	457.0
81 12 08 1430		.3	1	0.155	0.114	0.940	1.460	0.064	5.740	6.744	0.520	7.264	465.8
	MAXIMUM			**0.955**	**0.630**	**0.940**	**3.750**	**0.122**	**12.600**	**12.937**	**2.075**	**13.667**	**610.7**
	ARITH MEAN			**0.271**	**0.143**	**0.243**	**1.587**	**0.052**	**6.861**	**7.206**	**0.941**	**8.146**	**481.6**
	GEOM MEAN			**0.212**	**0.094**	**0.115**	**1.382**	**0.036**	**5.952**	**6.290**	**0.870**	**7.380**	**478.2**
	MINIMUM			**0.092**	**0.017**	**0.025**	**0.760**	**0.004**	**1.190**	**1.253**	**0.520**	**2.063**	**393.7**
	STD DEV (GEOM *)			**0.248**	**0.170**	**0.319**	**0.955**	**0.038**	**3.128**	**3.139**	**0.458**	**3.214**	**61.9**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**9**	**9**	**9**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF REAC MG/L AS CL	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*CRUT*	*CUUT*	*PBUT*
81 01 06 1425		.3	1	17.5	530.7	830.0	9.20	32.500	7.80	1.000<	0.007	0.004	0.003<
81 03 03 1240		.3	1	13.2	452.6	630.0	9.40	24.500	7.90		0.002<	0.016	0.003<
81 04 07 1457		.3	1	34.0	413.0	630.0	18.00	26.500	8.22	1.000<	0.004	0.002	0.003<
81 05 05 1410		.3	1	41.0	382.0	589.0	27.00	20.000	8.16	1.000<	0.002<	0.340	0.003<
81 06 02 1420		.3	1	43.6	350.1	505.0	28.00	28.000	8.06	1.000<	0.007	0.010	0.003<
81 07 07 1453		.3	1	126.0	368.8	515.0	51.00	34.500	8.11		0.002<	0.006	0.005
81 08 04 1253		.3	1	173.1	437.6	520.0	120.00	42.000	7.81	1.000<	0.100<	0.009	0.005<
81 09 08 1450		.3	1	28.6	507.3	575.0	17.00	21.500	7.96	1.000<	0.001<	0.011	0.003<
81 10 06 1420		.3	1	39.4	416.7	620.0	28.00	17.000	7.97	1.000<			
81 11 03 1435		.3	1	8.6	448.4	680.0	8.70	19.500	8.28	1.000<	0.006	0.018	0.012
81 12 08 1430		.3	1	10.4	455.4	680.0	7.20	22.500	8.12	1.000<	0.005	0.011	0.005
	MAXIMUM			**173.1**	**530.7**	**830.0**	**120.00**	**42.000**	**8.28**		**0.007**	**0.340**	**0.012**
	ARITH MEAN			**48.7**	**433.0**	**615.8**	**29.41**	**26.227**	**8.04**		**0.006**	**0.043**	**0.007**
	GEOM MEAN			**31.6**	**429.8**	**609.7**	**20.09**	**25.323**	**8.03**		**0.006**	**0.012**	**0.007**
	MINIMUM			**8.6**	**350.1**	**505.0**	**7.20**	**17.000**	**7.80**		**0.004**	**0.002**	**0.005**
	STD DEV (GEOM *)			**52.5**	**55.2**	**94.1**	**32.71**	**7.538**	**0.16**		**0.001**	**0.105**	**0.004**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**		**5**	**10**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*ZNUT*	*NIUT*
81 01 06 1425		.3	1		0.460
81 03 03 1240		.3	1		0.020
81 04 07 1457		.3	1	0.005	0.043
81 05 05 1410		.3	1		0.030
81 06 02 1420		.3	1	0.007	0.044
81 07 07 1453		.3	1	0.012	0.039
81 08 04 1253		.3	1	0.030<	0.040
81 09 08 1450		.3	1	0.026	0.011
81 11 03 1435		.3	1	0.009	0.030
81 12 08 1430		.3	1	0.008	0.046
	MAXIMUM			**0.026**	**0.460**
	ARITH MEAN			**0.011**	**0.076**
	GEOM MEAN			**0.010**	**0.041**
	MINIMUM			**0.005**	**0.011**
	STD DEV (GEOM *)			**0.008**	**0.135**
	# SAMPLES (IN STATISTICS)			**6**	**10**

B.O.W./ SITE: **SYDENHAM RIVER**
SAMPLE POINT: **1ST.CONC.NORTH OF ALVINSTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02GG002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SYDENHAM RIVER**

STATION ID: **04-0027-012-02**
STORET CODE: **02 003 2980**

LAT: LONG: U T M: **17 0430400.0 4742200.0 4** REGION: **01** DISTANCE: **97.041**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 0855		.3	1	45000	4	0.155						0.0	11.0
81 03 03 0815		.3	1	45020	3	4.040	480	2400	140	40I	4	0.0	12.0
81 04 07 0916		.3	1	45030	3	0.755	30	3000	8	4	4<	15.0	12.0
81 05 05 0845		.3	1	45040	6	1.420	120	2800	24	16	4<	20.0	8.0
81 06 02 0920		.3	1	45050	6	0.304	1000	15000	72	12	4<	23.0	13.0
81 07 07 0936		.3	1	45060	6	0.034						24.0	8.0
81 08 04 0811		.3	1	45070	6	0.053	400C	24000>	20I	110	4<	25.0	5.0
81 09 08 0905		.3	1	45080	3	3.100	100000C	2400000>	1260	130	92	20.0	8.0
81 10 06 0800		.3	1	45090	3	5.650	4000C	77000	100	130	4<	12.0	8.0
81 11 03 0930		.3	1	45100	6	1.840	340C	4800	60I	20I	4<	7.0	6.0
81 12 08 0815		.3	1	45110	3	1.520						2.0	12.0
MAXIMUM						**5.650**	**100000**	**77000**	**1260**	**130**	**92**	**25.0**	**13.0**
ARITH MEAN						**1.716**	**13296**	**17500**	**210**	**58**	**48**	**16.4**	**9.4**
GEOM MEAN						**0.694**	**744**	**6940**	**64**	**32**	**19**	**13.4**	**9.0**
MINIMUM						**0.034**	**30**	**2400**	**8**	**4**	**4**	**2.0**	**5.0**
STD DEV (GEOM *)						**1.841**	**12***	**4***	**5***	**4***	**9***	**8.0**	**2.7**
# SAMPLES (IN STATISTICS)						**11**	**8**	**6**	**8**	**8**	**2**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 0855		.3	1	1.1	0.105	0.077	0.565	1.020	0.015	3.200	3.780	0.455	4.235
81 03 03 0815		.3	1	0.7	0.108	0.064	0.230	1.020	0.036	8.200	8.466	0.790	9.256
81 04 07 0916		.3	1	1.2	0.039	0.015	0.040	0.620	0.029	3.620	3.689	0.580	4.269
81 05 05 0845		.3	1	1.3	0.120	0.018	0.040	1.100	0.037	5.500	5.577	1.060	6.637
81 06 02 0920		.3	1	2.0	0.130	0.024	0.025	0.920	0.068	2.230	2.323	0.895	3.218
81 07 07 0936		.3	1	1.8	0.156	0.034	0.040	0.880	0.018	2.380	2.438	0.840	3.278
81 08 04 0811		.3	1	1.0	0.120	0.010	0.040	0.640	0.007	0.710	0.757	0.600	1.357
81 09 08 0905		.3	1	1.6	0.200	0.069	0.010	1.380	0.083	6.000	6.093	1.370	7.463
81 10 06 0800		.3	1	1.0	0.175	0.095	0.050	1.130	0.061	8.200	8.311	1.080	9.391
81 11 03 0930		.3	1	1.4	0.079	0.046	0.020	0.830	0.037	6.510	6.567	0.810	7.377
81 12 08 0815		.3	1	0.9	0.065	0.039	0.050	0.650	0.026	6.180	6.256	0.600	6.856
MAXIMUM				**2.0**	**0.200**	**0.095**	**0.565**	**1.380**	**0.083**	**8.200**	**8.466**	**1.370**	**9.391**
ARITH MEAN				**1.3**	**0.118**	**0.045**	**0.101**	**0.926**	**0.038**	**4.794**	**4.932**	**0.825**	**5.758**
GEOM MEAN				**1.2**	**0.108**	**0.036**	**0.049**	**0.899**	**0.031**	**3.973**	**4.124**	**0.787**	**5.068**
MINIMUM				**0.7**	**0.039**	**0.010**	**0.010**	**0.620**	**0.007**	**0.710**	**0.757**	**0.455**	**1.357**
STD DEV (GEOM *)				**0.4**	**0.047**	**0.028**	**0.165**	**0.236**	**0.024**	**2.510**	**2.518**	**0.269**	**2.635**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 0855		.3	1	320.2	7.6	312.6	650.0	2.70	20.500	7.70
81 03 03 0815		.3	1	408.5	25.6	382.9	570.0	13.00	19.500	7.96
81 04 07 0916		.3	1	385.4	13.4	372.0	590.0	5.70	20.000	8.21
81 05 05 0845		.3	1	434.2	62.2	372.0	595.0	30.00	17.000	8.01
81 06 02 0920		.3	1	459.2	63.8	395.4	580.0	41.00	18.000	8.13
81 07 07 0936		.3	1	451.0	64.2	386.8	555.0	50.00	18.000	8.17
81 08 04 0811		.3	1	409.8	62.3	347.5	475.0	49.00	14.500	8.12
81 09 08 0905		.3	1	475.4	77.6	397.8	585.0	52.00	20.000	7.98
81 10 06 0800		.3	1	464.4	43.8	420.6	625.0	28.00	21.000	7.94
81 11 03 0930		.3	1	483.6	19.4	464.2	690.0	12.00	20.500	8.10
81 12 08 0815		.3	1	445.4	9.6	435.8	660.0	6.60	22.500	8.10
MAXIMUM				**483.6**	**77.6**	**464.2**	**690.0**	**52.00**	**22.500**	**8.21**
ARITH MEAN				**430.6**	**40.9**	**389.8**	**597.7**	**26.36**	**19.227**	**8.04**
GEOM MEAN				**428.0**	**31.1**	**387.8**	**595.0**	**18.13**	**19.104**	**8.04**
MINIMUM				**320.2**	**7.6**	**312.6**	**475.0**	**2.70**	**14.500**	**7.70**
STD DEV (GEOM *)				**47.5**	**26.2**	**41.4**	**58.4**	**19.29**	**2.206**	**0.14**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./SITE: **WELLAND SHIP CANAL**
SAMPLE POINT: **AT WEIR DOWNSTREAM FROM LAKESHORE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND SHIP CANAL**

STATION ID: **06-0014-001-02**
STORET CODE: **02 004 5170**

LAT. LONG. U.T.M.: **17 0645025.0 4786890.0 4** REGION: **02** DISTANCE: **3.219**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 02 19 1120		3	1	38387	4	10<	10<	4.0	15.20	0.052	0.014	0.114	0.32
81 02 24 1130		3	1	38392	3			1.5	12.00	0.087			
81 03 03 0930		3	1	38397	3			6.0	12.90	0.068			
81 03 09 1230		3	1	38408	5			5.0	13.30	0.031			
81 03 16 1140		3	1	38412	5	10<	10<	4.0	12.00	0.038	0.004	0.084	0.36
81 03 24 1125		3	1	38417	5			5.0	12.4	0.035			
81 03 30 1150		3	1	38454	3			8.0	12.00	0.039			
81 04 07 1105		3	1	38459	3			8.5	11.00	0.080			
81 04 13 1225		3	1	38463	6			7.5	13.70	0.062			
81 04 21 1130		3	1	38475	6 9			7.00	12.00	0.054			
81 04 28 1410		3	1	38486	6	90A	80A	4.5	12.40	0.048	0.013	0.108	0.49
81 05 21 1230		3	1	38542	6	10<	10<	12.5	9.70	0.032	0.010	0.026	0.29
81 05 27 1135		3	1	38562	6			13.0	9.10	0.037			
81 06 16 1200		3	1	38571	6	10<	20A	23.5	9.20	0.048			
81 06 23 1410		3	1	38582	5			20.0	7.40	0.045			
81 07 28 1300		3	1	38608	3	40A	20A	21.0	8.40	0.045	0.011	0.034	0.28
81 08 25 1245		3	1	38680	8 9	20A	20A	22.2	8.80	0.026	0.002	0.004	0.31
81 09 10 1315		3	1	38700	8			20.5	8.80	0.033			
81 09 24 1505		3	1	38712	8	40A	10A	17.0	8.30	0.032	0.004	0.004	0.31
81 10 20 1140		3	1	38786	8	150	70A	9.5	11.20	0.070	0.003	0.006	0.42
81 11 30 1220		3	1	38842	8	20A	70A	4.5	14.10	0.058	0.014	0.042	0.28
81 12 30 1225		3	1	38891	8	10A	10<	5.0	14.50	0.039	0.010	0.024	0.36
MAXIMUM						**150**	**80**	**23.5**	**15.20**	**0.087**	**0.014**	**0.114**	**0.49**
ARITH MEAN						**53**	**41**	**10.4**	**11.2**	**0.048**	**0.008**	**0.045**	**0.34**
GEOM MEAN						**37**	**32**	**8.2**	**11.0**	**0.046**	**0.007**	**0.025**	**0.34**
MINIMUM						**10**	**10**	**1.5**	**7.40**	**0.026**	**0.002**	**0.004**	**0.28**
STD DEV (GEOM *)						**3***	**2***	**7.0**	**2.2**	**0.017**	**0.005**	**0.042**	**0.07**
# SAMPLES (IN STATISTICS)						**7**	**7**	**22**	**22**	**22**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*CLIDUR*
81 02 19 1120		3	1	0.012	0.230	0.240	0.356	0.206	0.562	25	137	210	
81 02 24 1130		3	1							9			
81 03 03 0930		3	1							15			
81 03 09 1230		3	1							7			
81 03 16 1140		3	1	0.006	0.305	0.310	0.395	0.276	0.671	19	218	335	
81 03 24 1125		3	1							21			
81 03 30 1150		3	1							15			
81 04 07 1105		3	1							19			
81 04 13 1225		3	1							34			
81 04 21 1130		3	1							24			
81 04 28 1410		3	1	0.027	0.500	0.525	0.635	0.382	1.017	14	188	290	
81 05 21 1230		3	1	0.033	0.240	0.275	0.299	0.264	0.563	11	205	315	
81 05 27 1135		3	1							17			
81 06 16 1200		3	1							16			
81 06 23 1410		3	1							24			
81 07 28 1300		3	1	0.024	0.185	0.210	0.243	0.246	0.489	21.0	189	290	
81 08 25 1245		3	1	0.001	0.130	0.130	0.135	0.306	0.441	15.9	195	300	
81 09 10 1315		3	1							16.0			
81 09 24 1505		3	1	0.020	0.200	0.220	0.224	0.306	0.530	15.2	202	310	
81 10 20 1140		3	1	0.010	0.110	0.120	0.126	0.414	0.540	28.0	195	300	
81 11 30 1220		3	1	0.017	0.275	0.290	0.334	0.238	0.572	28.9	202	310	
81 12 30 1225		3	1	0.026	0.425	0.450	0.475	0.336	0.811	10.3	221	340	23.50
MAXIMUM				**0.033**	**0.500**	**0.525**	**0.635**	**0.414**	**1.017**	**34**	**221**	**340**	**23.50**
ARITH MEAN				**0.018**	**0.260**	**0.277**	**0.322**	**0.297**	**0.620**	**18**	**195**	**300**	**23.50**
GEOM MEAN				**0.013**	**0.235**	**0.251**	**0.288**	**0.291**	**0.601**	**17**	**194**	**298**	
MINIMUM				**0.001**	**0.110**	**0.120**	**0.126**	**0.206**	**0.441**	**7**	**137**	**210**	**23.50**
STD DEV (GEOM *)				**0.010**	**0.123**	**0.128**	**0.156**	**0.065**	**0.173**	**6**	**23**	**36**	
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**22**	**10**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*ALKT*	*PH*	*FWPH*	*PHNOL*	*ASUT*	*HGUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*
81 02 19 1120		3	1	57	7.88	7.25	2	0.001<	0.04<	0.250	0.130	0.003	0.004
81 02 24 1130		3	1			7.20			0.06<		0.005		0.006
81 03 03 0930		3	1			7.55			0.05<		0.023		0.010
81 03 09 1230		3	1			7.90			0.04<		0.002 <		0.005
81 03 16 1140		3	1	99	7.97	7.70	1<T	0.001	0.04<	0.480	0.002 <	0.002	0.005
81 03 24 1125		3	1			8.10			0.03<		0.003		0.005
81 03 30 1150		3	1			7.85			0.04<		0.006		0.003
81 04 07 1105		3	1			7.80			0.03<		0.002		0.003<
81 04 13 1225		3	1			7.80			0.04<		0.003		0.003
81 04 21 1130		3	1			8.00			0.04<				
81 04 28 1410		3	1	92	8.11		3	0.001<	0.03<	0.640	0.007	0.002	0.003<
81 05 21 1230		3	1	99	8.28	8.00	1<T	0.001<	0.08<	0.022	0.002 <	0.001<	0.003<
81 05 27 1135		3	1			8.20			0.08<		0.002 <		0.010
81 06 16 1200		3	1			7.80	1<T		0.05<		0.0060		0.003
81 06 23 1410		3	1			7.80			0.07<		0.0020<		0.003<
81 07 28 1300		3	1	97	8.25		1<T	0.001<	0.04<	0.450	0.0020	0.003	0.010
81 08 25 1245		3	1	97	8.15		1<T	0.001<	0.03<	0.440	0.0020	0.004	0.006
81 09 10 1315		3	1			8.10	1<T				0.0030		0.003<
81 09 24 1505		3	1	100	8.38	8.25	1<T	0.001<	0.04<	0.400	0.0020	0.004	0.003<
81 10 20 1140		3	1	98	8.45	7.70	1<T	0.001<	0.04<	0.580	0.0030	0.004	0.006
81 11 30 1220		3	1	103	8.26	8.05	1	0.001<	0.05<	0.610	0.0030	0.004	0.008
81 12 30 1225		3	1	104	8.33	8.30	1<T	0.001<	0.03<	0.450	0.003	0.005	0.006
MAXIMUM				**104**	**8.45**	**8.30**	**3**	**0.001**		**0.640**	**0.130**	**0.005**	**0.010**
ARITH MEAN				**95**	**8.21**	**7.86**	**1<A**	**0.001**		**0.432**	**0.012**	**0.003**	**0.006**
GEOM MEAN				**93**	**8.20**	**7.85**	**1<A**			**0.341**	**0.004**	**0.003**	**0.006**
MINIMUM				**57**	**7.88**	**7.20**	**1**	**0.001**		**0.022**	**0.002**	**0.002**	**0.003**
STD DEV (GEOM *)				**14**	**0.18**	**0.30**	**1<A**			**0.183**	**0.031**	**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**10**	**10**	**19**	**12**	**1**		**10**	**16**	**9**	**15**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	PCB TOTAL NG/L
	TEST-NAME:			CDUT	ZNUT	P1PCBT
81 02 19 1120		.3	1	0.0002<	0.025	
81 02 24 1130		.3	1		0.028	
81 03 03 0930		.3	1		0.025	
81 03 09 1230		.3	1		0.015	
81 03 16 1140		.3	1	0.0002<	0.016	
81 03 24 1125		.3	1		0.022	
81 03 30 1150		.3	1		0.010	
81 04 07 1105		.3	1		0.013	
81 04 13 1225		.3	1		0.021	
81 04 21 1130		.3	1		0.000	
81 04 28 1410		.3	1	0.0002<	0.098	
81 05 21 1230		.3	1	0.0002<	0.002	
81 05 27 1135		.3	1		0.003	
81 06 16 1200		.3	1		0.003	
81 06 23 1410		.3	1		0.006	
81 07 28 1300		.3	1	0.0004	0.006	
81 08 25 1245		.3	1	0.0001<	0.005	
81 09 10 1315		.3	1		0.006	
81 09 24 1505		.3	1	0.0001	0.005	
81 10 20 1140		.3	1	0.0003	0.005	20<W
81 11 30 1220		.3	1	0.0002	0.009	
81 12 30 1225		.3	1	0.0004	0.011	
	MAXIMUM			**0.0004**	**0.098**	
	ARITH MEAN			**0.0003**	**0.016**	
	GEOM MEAN			**0.0002**	**0.010**	
	MINIMUM			**0.0001**	**0.002**	
	STD DEV (GEOM *)			**0.0001**	**0.021**	
	# SAMPLES (IN STATISTICS)			**5**	**21**	

B.O.W./ SITE: **WELLAND SHIP CANAL**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND SHIP CANAL**

STATION ID: **06-0014-002-02**
STORET CODE: **02 004 5170**

LAT: LONG: U.T.M.: **17 0642990.0 4749500.0 4** REGION: **02** DISTANCE: **43.451**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 03 09 1100		.3	1	38404	5	10<	10A	10<	80A	3.2	12.40	0.2	0.032
81 04 23 1135		.3	1	38481	5	50A	110	10<	50A	5.00	13.20	0.2	0.224
81 05 13 1025		.3	1	38522	5	20A	250	10A	30A	9.0	11.40	0.2<T	0.131
81 06 11 1025		.3	1	38566	6	10A	10A	10<	1500>	15.5	7.60	0.4	0.026
81 07 28 1100		.3	1	38604	6	120	660	10<	40A	21.0	7.60	0.4	0.014
81 08 25 1445		.3	1	38676	8	120	1100	10<	10<	21.5	7.80	0.8	0.042
81 09 24 1255		.3	1	38708	8	40A	400	10A	10A	16.5	7.50	0.2	0.018
81 10 08 1210		.3	1	38755	8	170	1500	10<	20A	11.0	9.70	0.4	0.029
81 11 30 1030		.3	1	38838	8	10A	40A	10<	10<	4.5	12.00	0.8	0.275
81 12 17 1020		.3	1	38884	8	100<	100<	20<	20<	2.5	13.20	1.6	0.025
	MAXIMUM					**170**	**1500**	**10**	**80**	**21.5**	**13.20**	**1.6**	**0.275**
	ARITH MEAN					**67**	**453**	**10**	**38**	**10.9**	**10.24**	**0.5<A**	**0.082**
	GEOM MEAN					**42**	**154**	**10**	**31**	**8.5**	**9.97**	**0.4<A**	**0.047**
	MINIMUM					**10**	**10**	**10**	**10**	**2.5**	**7.50**	**0.2**	**0.014**
	STD DEV (GEOM *)					**3***	**7***	**1***	**2***	**7.2**	**2.46**	**0.4<A**	**0.095**
	# SAMPLES (IN STATISTICS)					**8**	**9**	**2**	**6**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L
	TEST-NAME:			PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP
81 03 09 1100		.3	1	0.003	0.010	0.33	0.001	0.225	0.225	0.236	0.320	0.556	2
81 04 23 1135		.3	1	0.004	0.038	0.30	0.003	0.420	0.425	0.461	0.262	0.723	5
81 05 13 1025		.3	1	0.076	0.012	0.34	0.002	0.245	0.245	0.259	0.328	0.587	4
81 06 11 1025		.3	1	0.001	0.026	0.31	0.004	0.210	0.215	0.240	0.284	0.524	2
81 07 28 1100		.3	1	0.007	0.016	0.26	0.008	0.125	0.135	0.149	0.244	0.393	3.0
81 08 25 1445		.3	1	0.005	0.004	0.42	0.001	0.125	0.125	0.130	0.416	0.546	2.6
81 09 24 1255		.3	1	0.004	0.016	0.28	0.019	0.120	0.140	0.155	0.264	0.419	2.4
81 10 08 1210		.3	1	0.003	0.010	0.27	0.003	0.140	0.145	0.153	0.260	0.413	
81 11 30 1030		.3	1	0.240	0.026	0.22	0.002	0.275	0.275	0.303	0.194	0.497	13.2
81 12 17 1020		.3	1	0.008	0.008	0.20	0.011	0.265	0.275	0.284	0.192	0.476	5.0
	MAXIMUM			**0.240**	**0.038**	**0.42**	**0.019**	**0.420**	**0.425**	**0.461**	**0.416**	**0.723**	**13.2**
	ARITH MEAN			**0.035**	**0.017**	**0.29**	**0.005**	**0.215**	**0.220**	**0.237**	**0.276**	**0.513**	**4**
	GEOM MEAN			**0.008**	**0.014**	**0.29**	**0.003**	**0.198**	**0.205**	**0.220**	**0.270**	**0.505**	**3**
	MINIMUM			**0.001**	**0.004**	**0.20**	**0.001**	**0.120**	**0.125**	**0.130**	**0.192**	**0.393**	**2**
	STD DEV (GEOM *)			**0.075**	**0.010**	**0.06**	**0.006**	**0.094**	**0.093**	**0.100**	**0.066**	**0.099**	**3**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT	PH	FWPH	PHNOL	FEUT
81 03 09 1100		.3	1	202	310	1.10	20.00	26.0	98	8.15	8.05	1<T	0.03
81 04 23 1135		.3	1	189	290	1.60	19.00	26.0	92	8.32	7.95	1<T	0.08
81 05 13 1025		.3	1	168	310	42.00	19.50	22.5	97	8.41	8.10	1<T	0.09
81 06 11 1025		.3	1	191	294	1.50	18.50	25.0	95	8.59	8.20	1<T	0.07
81 07 28 1100		.3	1	189	290	18.10	18.50	22.5	95	8.48		1<T	0.10
81 08 25 1445		.3	1	189	290	0.55	18.00	23.5	98	8.36		1<T	0.06
81 09 24 1255		.3	1	195	300	1.38	18.50	27.5	98	8.45	8.20	1<T	0.08
81 10 08 1210		.3	1	188	290	5.50	19.00	27.5	99	8.39	8.40	1<T	0.35
81 11 30 1030		.3	1	198	305	14.20	20.00	29.5	105	8.31	8.25	1<T	0.45
81 12 17 1020		.3	1	195	300	3.20	19.50	28.5	100	8.32	8.20	1<T	0.21
	MAXIMUM			**202**	**310**	**42.00**	**20.00**	**29.5**	**105**	**8.59**	**8.40**	**1**	**0.45**
	ARITH MEAN			**190**	**298**	**8.91**	**19.05**	**25.8**	**98**	**8.38**	**8.17**	**1<A**	**0.15**
	GEOM MEAN			**190**	**298**	**3.61**	**19.04**	**25.7**	**98**	**8.38**	**8.17**	**1<A**	**0.11**
	MINIMUM			**168**	**290**	**0.55**	**18.00**	**22.5**	**92**	**8.15**	**7.95**	**1**	**0.03**
	STD DEV (GEOM *)			**9**	**8**	**13.11**	**0.69**	**2.5**	**3**	**0.12**	**0.14**	**0<A**	**0.14**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**8**	**10**	**10**

(CONTD)

B.O.W./ SITE: **WELLAND SHIP CANAL**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND SHIP CANAL**

STATION ID: **06-0014-002-02**
STORET CODE: **02 004 5170**

LAT: LONG: U.T.M: **17 0642990.0 4749500.0 4** REGION: **02** DISTANCE: **43.451**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 09 1100		.3	1	104	27.0	9.00	1.3	7.576	0.001<		0.001<	0.003<	0.001<
81 04 23 1135		.3	1	105	28.0	8.50	0.9	21	0.001<		0.004	0.003<	0.003<
81 05 13 1025		.3	1	113	32.0	8.00	0.9	29	0.001<		0.002	0.003<	0.001<
81 06 11 1025		.3	1	113	32.0	8.00	4.9	19	0.001<		0.004	0.003<	0.002
81 07 28 1100		.3	1	103	29.0	7.50	0.8	4	0.001<		0.002	0.009	0.003
81 08 25 1445		.3	1	109	30.8	7.90	0.4	18	0.001<				
81 09 24 1255		.3	1	113	31.4	8.40	2.2	2	0.001<		0.004	0.003<	0.001
81 10 08 1210		.3	1	105	29.0	8.00	1.8	15	0.001<		0.004	0.003<	0.004
81 11 30 1030		.3	1	129	37.0	9.00	8.5	22	0.001<		0.003	0.007	0.007
81 12 17 1020		.3	1	125	37.0	8.00	-2.8<T	2	0.001<	0.180	0.004	0.004	0.002
MAXIMUM				**129**	**37.0**	**9.00**	**8.5**	**29**		**0.180**	**0.004**	**0.009**	**0.007**
ARITH MEAN				**112**	**31.3**	**8.23**	**2.4<A**	**13**		**0.180**	**0.003**	**0.007**	**0.003**
GEOM MEAN				**112**	**31.2**	**8.22**	**1.6<A**	**9**			**0.003**	**0.006**	**0.003**
MINIMUM				**103**	**27.0**	**7.50**	**0.4**	**2**		**0.180**	**0.002**	**0.004**	**0.001**
STD DEV (GEOM *)				**9**	**3.4**	**0.49**	**2.6<A**	**9**			**0.001**	**0.003**	**0.002**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**9**	**10**		**1**	**8**	**3**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 09 1100		.3	1	0.002
81 04 23 1135		.3	1	0.003 <
81 05 13 1025		.3	1	0.003
81 06 11 1025		.3	1	0.0020<
81 07 28 1100		.3	1	0.0040
81 09 24 1255		.3	1	0.0010
81 10 08 1210		.3	1	0.0030
81 11 30 1030		.3	1	0.0030
81 12 17 1020		.3	1	0.005
MAXIMUM				**0.005**
ARITH MEAN				**0.003**
GEOM MEAN				**0.002**
MINIMUM				**0.0010**
STD DEV (GEOM *)				**0.001**
# SAMPLES (IN STATISTICS)				**7**

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **AT LAKEPORT ROAD ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-001-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M: **17 0640900.0 4784440.0 4** REGION: **02** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 07 1200		.3		52000		195.091						0.032	0.002
81 01 13 1235		.3	1	38303	6	195.072	300I	60I	1.5	11.3	1.8	0.025	0.001
81 01 15 1530		.3	1	52001		195.063						0.035	0.001<
81 01 22 1530		.3	1	52002		195.036						0.022	
81 01 29 1345		.3	1	52005		195.144						0.028	0.002
81 02 02 1250		.3	1	38346	6	195.300			2.0	8.3		0.035	
81 02 05 1500		.3	1	52008		195.990						0.035	0.007
81 02 12 1545		.3	1	52011		206.280						0.037	
81 02 15 1600		.3	1	52013		199.488						0.008	
81 02 17 1530		.3	1	52015		208.800						0.065	
81 02 19 1305		.3	1	38388	6	221.460	1500>	1310	4.0	12.80		0.062	0.009
1530		.3	1	52017		221.460						0.070	0.003
81 02 22 1545		.3	1	52019		213.240						0.038	
81 02 24 1145		.3	1	38393	5	204.240						0.015	
1730		.3	1	52021		204.240						0.024	
81 02 26 1245		.3	1	52023		199.392						0.013	0.002
81 03 01 1630		.3	1	52025		197.994						0.024	0.007
81 03 03 1025		.3	1	38398	5	197.340			3.0	12.50		0.021	
1630		.3	1	52027		197.340						0.040	
81 03 05 1730		.3	1	52029		196.104						0.020	0.001
81 03 08 1400		.3	1	52031		195.582						0.013	
81 03 09 1245		.3	1	38409	5	195.494			4.5	13.80		0.017	
81 03 10 1145		.3	1	52033		195.462						0.013	0.001
81 03 12 1415		.3	1	52035		195.466						0.723	0.001<
81 03 15 1600		.3	1	52037		195.418						0.023	
81 03 16 1200		.3	1	38413	5	195.388	100	10A	3.5	13.00		0.030	0.001
81 03 17 1800		.3	1	52039		195.368						0.030	
81 03 18 1800		.3	1	52041		195.325						0.023	0.004
81 03 22 1630		.3	1	52043		195.290						0.022	
81 03 24 1100		.3	1	52045		195.432						0.030	
1145		.3	1	38418	5	195.432			4.0	13.2		0.029	
81 03 25 0745		.3	1	52046		195.480						0.029	0.004
1545		.3	1	52047		195.480						0.030	0.004
81 03 26 1000		.3	1	52049		195.491						0.030	0.002
1630		.3	1	52050		195.491						0.026	0.002
81 03 27 0800		.3	1	52051		195.612						0.032	0.008
1700		.3	1	52052		195.612						0.031	0.009
81 03 28 0800		.3	1	52053		195.816						0.036	0.006
1630		.3	1	52054		195.816						0.047	0.001
81 03 29 0815		.3	1	52056		196.014						0.036	0.007
1645		.3	1	52057		196.014						0.049	0.008
81 03 30 1015		.3	1	52058		196.032						0.047	0.002

(CONTD)

	TEST-NAME:		SAMPLE	FWSTRC	FWFLOW	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
1205	.3	1	38455	6	196.032			7.0	13.10		0.044	
1700	.3	1	52059		196.032						0.047	0.001<
81 03 31 0815	.3	1	52061		196.098						0.035	0.001
1645	.3	1	52062		196.098						0.038	0.001
81 04 01 0800	.3	1	52063		196.092						0.028	0.002
1700	.3	1	52064		196.092						0.043	0.002
81 04 02 0830	.3	1	52066		196.002						0.039	0.004
1715	.3	1	52067		196.002						0.051	0.005
81 04 03 0800	.3	1	52068		195.888						0.038	0.007
1700	.3	1	52069		195.888						0.033	0.008
81 04 04 0800	.3	1	52070		195.780						0.040	0.011
1715	.3	1	52071		195.780						0.037	0.008
81 04 05 1730	.3	1	52073		195.672						0.037	
81 04 07 1120	.3	1	38460	6	195.467			6.0	14.20		0.035	
1715	.3	1	52075		195.467						0.040	0.006
81 04 09 1445	.3	1	52077		195.337						0.018	
81 04 12 1830	.3	1	52079		195.237						0.031	
81 04 13 1330	.3	1	38464	6	195.234			7.8	13.80		0.038	
81 04 14 1430	.3	1	52081		195.318						0.033	0.012
81 04 16 1415	.3	1	52083		195.600						0.021	
81 04 19 1600	.3	1	52085		196.476						0.025	
81 04 21 1130	.3	1	38476	6	196.182			4.0	13.20		0.028	
1715	.3	1	52087		196.182						0.031	0.005
81 04 23 1430	.3	1	52089		196.002						0.021	
81 04 26 1200	.3	1	52091		197.112						0.020	
81 04 28 1215	.3	1	52093		196.434						0.034	0.005
1455	.3	1	38487	6	196.434	70A	170	4.0	11.80		0.046	0.005
81 04 30 1200	.3	1	52095		197.532						0.023	
81 05 04 1515	.3	1	52097		195.918						0.020	0.006
81 05 05	.3	1	52099	8	195.738						0.034	0.007
81 05 07 1545	.3	1	52101	8	195.924						0.022	0.008
81 05 11 1500	.3	1	52103	3 8	197.730						0.050	0.010
81 05 12 1630	.3	1	52105	3	202.800						0.053	0.011
81 05 14 1615	.3	1	52107	8	196.812						0.052	0.010
81 05 18 1300	.3	1	52109	8	195.672						0.028	0.009
81 05 20 1530	.3	1	52111	8	195.371						0.038	0.008
81 05 21 1300	.3	1	38543	6	195.265	1500>	30A	11.0	9.00		0.047	0.007
1530	.3	1	52113	8 0	195.265						0.032	0.007
81 05 24 1530	.3	1	52115	8	195.139						0.052	0.006
81 05 26 0730	.3	1	52117	8	195.105						0.038	0.008
81 05 28 0845	.3	1	52119	3 9	195.156						0.050	0.008
81 05 31 1715	.3	1	52121	5	195.184						0.085	0.035
81 06 02 1230	.3	1	52123	5 9	195.132						0.048	0.006
81 06 09 1600	.3	1	52125	8	195.138						0.048	0.005
81 06 15 1730	.3	1	52127	5	195.073						0.112	0.007
81 06 16 1225	.3	1	38572	6	195.056	1000	200A	23.5	9.00		0.042	
81 06 23 1100	.3	1	52129	8	203.700						0.092	0.022
81 06 30 1200	.3	1	52131	0 5	195.230						0.050	0.002
81 07 07 1500	.3		52133		195.045						0.060	0.007
81 07 14 1145	.3	1	52135	8	195.010						0.068	0.007
81 07 21 1300	.3	1	52137		198.894						0.050	
81 07 28 1325	.3	1	38609	3 9 0	195.780	5900	3000	21.0	7.70		0.065	0.009
81 07 29 1445	.3	1	52139	8	197.730						0.045	0.004
81 08 04 1630	.3	1	52141	5	195.372						0.042	0.006
81 08 11 1215	.3	1	52143	8	195.461						0.045	0.010
81 08 18 1245	.3	1	52145	8	197.724						0.048	0.006
81 08 25 1215	.3	1	38681	8 9	195.217	700	100A	21.5	8.40		0.042	0.005
1245	.3	1	52147	8	195.217						0.026	0.008
81 09 01 1245	.3	1	52149	8	195.067						0.028	0.004
81 09 09 1515	.3	1	52151	8	200.094						0.052	0.009
81 09 13 1530	.3	1	52153	8	196.008						0.032	0.005
81 09 21 1315	.3	1	52156	8	195.326						0.048	0.004
81 09 24 1525	.3	1	38713	8	200.346	40A	60A	17.0	7.90		0.050	0.004
81 09 28 1230	.3	1	52159	8	195.930						0.072	0.001
81 10 05 1530	.3	1	52162	8	195.798						0.020	0.004
81 10 06 1330	.3	1	38747	8 9	195.912			13.2	9.50		0.038	
81 10 13 0500	.3	1	52165	8	195.554						0.032	0.004
81 10 19 1200	.3	1	52168	8	195.193						0.060	0.003
81 10 20 1225	.3	1	38787	8	195.206			9.0	10.40		0.075	0.004
81 10 25 1145	.3	1	52171	8	199.638						0.028	0.007
81 11 01 1215	.3	1	52174	8	197.052						0.042	0.006
81 11 05 1125	.3	1	38799	8	195.762			8.5	10.80		0.050	
81 11 09 0930	.3	1	52177	8	195.642						0.048	0.005
81 11 16 1430	.3	1	52180	8	195.496						0.030	0.008
81 11 22 2200	.3	1	52183	8	205.500						0.050	0.008
81 11 30 1200	.3	1	52186		196.170						0.058	0.005
1245	.3	1	38843	8	196.170	260	80A	4.5	11.80		0.058	0.006
81 12 07 1145	.3	1	52189	8	195.972						0.045	0.007
81 12 14 1230	.3	1	52192	8	195.600						0.028	0.003
81 12 17 1245	.3	1	38888	8	195.456			3.0	12.50		0.030	
81 12 20 1615	.3	1	52195	8	195.426						0.082	0.015
81 12 28 1530	.3	1	52198	8	195.492						0.040	0.018
81 12 30 1250	.3	1	38892	8	195.486	320	30A	4.5	14.40		0.095	0.007
MAXIMUM					**221.460**	**5900**	**3000**	**23.5**	**14.40**	**1.8**	**0.723**	**0.035**
ARITH MEAN					**197.018**	**966**	**459**	**8.2**	**11.4**	**1.8**	**0.045**	**0.006**
GEOM MEAN					**196.975**	**313**	**112**	**6.2**	**11.1**		**0.037**	**0.005**
MINIMUM					**196.010**	**40**	**10**	**1.5**	**7.70**	**1.8**	**0.008**	**0.001**
STD DEV (GEOM *)					**4.211**	**5***	**5***	**6.6**	**2.2**		**0.064**	**0.005**
# SAMPLES (IN STATISTICS)					**126**	**9**	**11**	**23**	**23**	**1**	**125**	**88**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
	TEST-NAME:			NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
81 01 07 1200		.3					0.197					14 0	
81 01 13 1235		.3	1	0.006	0.310	0.005	0.280		0.291	0.304	0.595	12.00	221.000
81 01 15 1530		.3	1				0.301					26 0	
81 01 22 1530		.3	1									11.0	
81 01 29 1345		.3	1				0.223					29.0	
81 02 02 1250		.3	1									13.00	
81 02 05 1500		.3	1				0.282					32 0	
81 02 12 1545		.3	1									23 0	
81 02 15 1600		.3	1									20 0	
81 02 17 1530		.3	1									33 0	
81 02 19 1305		.3	1	0.074	0.40	0.008	0.315	0.325	0.397	0.326	0.723	36	221
1530		.3	1				0.372			~		51 0	
81 02 22 1545		.3	1									19 0	
81 02 24 1145		.3	1									14	
1730		.3	1									230 0	
81 02 26 1245		.3	1				0.312					137 0	
81 03 01 1630		.3	1				0.260					9 0	
81 03 03 1025		.3	1									7	

(CONTD)

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **AT LAKEPORT ROAD ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-001-02**
STORET CODE: **02 004 5130**

LAT: LONG: U T M: **17 0640900.0 4784440.0 4** REGION: **02** DISTANCE: **1.287**

SAMP DTE YR MO DY HOUR LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
				NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
1630		3	1									17.0	
81 03 05 1730		3	1				0.277					42.0	
81 03 08 1400		3	1									7.0	
81 03 09 1245		3	1									7	
81 03 10 1145		3	1				0.219					9.0	
81 03 12 1415		3	1				0.215					18.0	
81 03 15 1600		3	1									14.0	
81 03 16 1200		3	1	0.028	0.32	0.002	0.275	0.275	0.305	0.292	0.597	9	208
81 03 17 1800		3	1									10.0	
81 03 18 1800		3	1				0.317					12.0	
81 03 22 1630		3	1									10.0	
81 03 24 1100		3	1									16.0	
1145		3	1									13	
81 03 25 0745		3	1				0.543					13.0	
1545		3	1				0.547					11.0	
81 03 26 1000		3	1				0.572					15.0	
1630		3	1				0.582					9.0	
81 03 27 0800		3	1				0.563					19.0	
1700		3	1				0.584					10.0	
81 03 28 0800		3	1				0.603					25.0	
1630		3	1				0.567					33.0	
81 03 29 0815		3	1				0.612					25.0	
1645		3	1				0.611					37.0	
81 03 30 1015		3	1				0.612					26.0	
1205		3	1									29	
1700		3	1				0.581					28.0	
81 03 31 0815		3	1				0.581					28.0	
1645		3	1				0.581					23.0	
81 04 01 0800		3	1				0.592					20.0	
1700		3	1				0.592					36.0	
81 04 02 0830		3	1				0.594					27.0	
1715		3	1				0.566					24.0	
81 04 03 0800		3	1				0.671					26.0	
1700		3	1				0.561					20.0	
81 04 04 0800		3	1				0.568					22.0	
1715		3	1				0.536					28.0	
81 04 05 1730		3	1									28.0	
81 04 07 1120		3	1									10	
1715		3	1				0.496					14.0	
81 04 09 1445		3	1									19.0	
81 04 12 1830		3	1									19.0	
81 04 13 1330		3	1									11	
81 04 14 1430		3	1				0.549					18.0	
81 04 16 1415		3	1									13.0	
81 04 19 1600		3	1									15.0	
81 04 21 1130		3	1									10	
1715		3	1				0.440					12.0	
81 04 23 1430		3	1									5.0	
81 04 26 1200		3	1									5.0	
81 04 28 1215		3	1				0.386					18.0	
1455		3	1	0.068	0.40	0.005	0.390	0.395	0.463	0.332	0.795	18	192
81 04 30 1200		3	1									14.0	
81 05 04 1515		3	1			0.003	0.275	0.280				18	
81 05 05		3	1			0.004	0.275	0.280				12	
81 05 07 1545		3	1			0.013	0.272	0.285				13	
81 05 11 1500		3	1			0.005	0.260	0.265				33	
81 05 12 1630		3	1			0.016	0.305	0.325				23	
81 05 14 1615		3	1			0.052	0.298	0.350				20	
81 05 18 1300		3	1			0.008	0.220	0.230				24	
81 05 20 1530		3	1			0.005	0.235	0.240				23	
81 05 21 1300		3	1	0.058	0.34	0.008	0.235	0.245	0.301	0.282	0.583	21	195
1530		3	1			0.024	0.226	0.250				20	
81 05 24 1530		3	1			0.004	0.210	0.215				19	
81 05 26 0730		3	1			0.012	0.250	0.260				28	
81 05 28 0845		3	1			0.020	0.245	0.265				14	
81 05 31 1715		3	1			0.650	11.3	12.0				15	
81 06 02 1230		3	1			0.007	0.213	0.220				11	
81 06 09 1600		3	1			0.007	0.225	0.230				23	
81 06 15 1730		3	1			0.015	0.190	0.205				17	
81 06 16 1225		3	1									21	
81 06 23 1100		3	1			0.001	0.920	0.920				40	
81 06 30 1200		3	1			0.003	0.177	0.180				22	
81 07 07 1500		3				0.006	0.215	0.220				27	
81 07 14 1145		3	1			0.011	0.155	0.165				49	
81 07 21 1300		3	1									35	
81 07 28 1325		3	1	0.014	0.35	0.019	0.175	0.195	0.208	0.336	0.544	37.0	182
81 07 29 1445		3	1			0.001	0.120	0.120				26.7	
81 08 04 1630		3	1			0.017	0.093	0.110				24.4	
81 08 11 1215		3	1				0.118	0.120				43.7	
81 08 18 1245		3	1			0.004		0.085				55.9	
81 08 25 1215		3	1	0.002	0.75	0.001	0.130	0.130	0.133	0.748	0.881	30.7	192
1245		3	1			0.014	0.096	0.110				45.3	
81 09 01 1245		3	1			0.006	0.074	0.080				27.9	
81 09 09 1515		3	1			0.005	0.100	0.105				32.7	
81 09 13 1530		3	1			0.022	0.118	0.140				34.5	
81 09 21 1315		3	1			0.006	0.145	0.150				32.2	
81 09 24 1525		3	1	0.026	0.35	0.009	0.125	0.135	0.160	0.324	0.484	22.7	195
81 09 28 1230		3	1			0.010	0.125	0.135				30.8	
81 10 05 1530		3	1			0.005	0.110	0.115				31.0	
81 10 13 0500		3	1			0.004	0.085	0.090				21.0	
81 10 19 1200		3	1			0.015	0.125	0.140				27.0	
81 10 20 1225		3	1	0.072	0.15	0.002	0.110	0.110	0.184	0.078	0.262	30.0	195
81 10 25 1145		3	1			0.004	0.140	0.145				26.0	
81 11 01 1215		3	1			0.013	0.125	0.140				22.0	
81 11 05 1125		3	1									23.0	
81 11 09 0930		3	1			0.007	0.125	0.130				19.6	
81 11 16 1430		3	1			0.007	0.205	0.210				25.6	
81 11 22 2200		3	1			0.014	0.275	0.290				15.6	
81 11 30 1200		3	1			0.004	0.205	0.210				44.6	
1245		3	1	0.036	0.32	0.004	0.200	0.205	0.240	0.284	0.524	31.2	202
81 12 07 1145		3	1			0.005	0.200	0.205				19.3	

(CONTD)

TEST-NAME:			NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
81 12 14 1230	.3	1			0.004	0.225	0.230				11.4	
81 12 17 1245	.3	1									10.1	
81 12 20 1615	.3	1			0.040	0.260	0.300				10.7	
81 12 28 1530	.3	1			0.011	0.300	0.310				16.4	
81 12 30 1250	.3	1	0.056	0.48	0.010	0.260	0.270	0.326	0.424	0.750	14.1	208
MAXIMUM			**0.074**	**0.75**	**0.650**	**11.3**	**12.0**	**0.463**	**0.748**	**0.881**	**230.0**	**221.000**
ARITH MEAN			**0.040**	**0.37**	**0.022**	**0.4**	**0.4**	**0.273**	**0.339**	**0.613**	**24**	**201**
GEOM MEAN			**0.027**	**0.35**	**0.008**	**0.2**	**0.2**	**0.256**	**0.304**	**0.587**	**20**	**200**
MINIMUM			**0.002**	**0.15**	**0.001**	**0.074**	**0.080**	**0.133**	**0.078**	**0.262**	**5.0**	**182**
STD DEV (GEOM *)			**0.027**	**0.14**	**0.088**	**1.1**	**1.6**	**0.101**	**0.159**	**0.170**	**23**	**12**
# SAMPLES (IN STATISTICS)			**11**	**11**	**53**	**90**	**53**	**11**	**11**	**11**	**124**	**11**

TEST-NAME:			COND25	CLIDUR	ALKT	PH	FWPH	PHNOL	ASUT	HGUT	ALUT	CRUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR
81 01 07 1200		.3		335.0						0.040<		
81 01 13 1235		.3	1	340.0		106.0	8.01	8.0	13.000	0.001<	0.040<		0.001 <
81 01 15 1530		.3	1	335.0							0.050<		
81 01 22 1530		.3	1	330.0							0.060<		
81 01 29 1345		.3	1	330.0							0.050<		
81 02 02 1250		.3	1	350.0		103.0		7.8			0.060<		0.001
81 02 05 1500		.3	1	335.0							0.070<		
81 02 12 1545		.3	1	335.0							0.040<		
81 02 15 1600		.3	1	330.0							0.040<		
81 02 17 1530		.3	1								0.060<		
81 02 19 1305		.3	1	340		100	7.74	7.65	9	0.001<	0.04 <	0.810	0.020
1530		.3	1								0.040<		
81 02 22 1545		.3	1	335.0							0.050<		
81 02 24 1145		.3	1								0.06 <		0.031
1730		.3	1	335.0							0.060<		
81 02 26 1245		.3	1	325.0							0.040<		
81 03 01 1630		.3	1	325.0							0.050<		
81 03 03 1025		.3	1					7.80			0.05 <		0.012
1630		.3	1	320.0							0.050<		
81 03 05 1730		.3	1	320.0							0.040<		
81 03 08 1400		.3	1	320.0							0.040<		
81 03 09 1245		.3	1					8.05			0.04		0.002 <
81 03 10 1145		.3	1	315.0							0.040<		
81 03 12 1415		.3	1	315.0							0.040<		
81 03 15 1600		.3	1	320.0							0.04 <		
81 03 16 1200		.3	1	320		101	8.04	7.80	35	0.001<	0.04 <	0.150	0.002 <
81 03 17 1800		.3	1	330.0							0.040<		
81 03 18 1800		.3	1	315.0							0.040<		
81 03 22 1630		.3	1	335.0							0.050<		
81 03 24 1100		.3	1	335.0							0.050		
1145		.3	1								0.03 <		0.002 <
81 03 25 0745		.3	1	330.0							0.030<		
1545		.3	1	325.0							0.030<		
81 03 26 1000		.3	1	325.0									
1630		.3	1	320.0							0.030<		
81 03 27 0800		.3	1	320.0							0.040<		
1700		.3	1	325.0							0.040<		
81 03 28 0800		.3	1	330.0							0.040<		
1630		.3	1	330.0							0.040<		
81 03 29 0815		.3	1	330.0							0.040<		
1645		.3	1	330.0							0.040<		
81 03 30 1015		.3	1	325.0							0.040<		
1205		.3	1					7.90			0.04 <		0.007
1700		.3	1	325.0							0.040<		
81 03 31 0815		.3	1	330.0							0.040<		
1645		.3	1	325.0							0.040<		
81 04 01 0800		.3	1	335.0							0.040<		
1700		.3	1	325.0							0.040<		
81 04 02 0830		.3	1	320.0							0.040<		
1715		.3	1	315.0							0.040<		
81 04 03 0800		.3	1	320.0							0.040<		
1700		.3	1	320.0							0.040<		
81 04 04 0800		.3	1	325.0							0.040<		
1715		.3	1	325.0							0.040<		
81 04 05 1730		.3	1	325.0							0.040<		
81 04 07 1120		.3	1					7.60			0.03		0.002
1715		.3	1	315.0							0.030<		
81 04 09 1445		.3	1	315.0							0.030<		
81 04 12 1830		.3	1	310.0							0.040<		
81 04 13 1330		.3	1					7.75			0.04 <		0.002
81 04 14 1430		.3	1	310.0							0.050<		
81 04 16 1415		.3	1	320.0							0.040<		
81 04 19 1600		.3	1	300.0							0.040<		
81 04 21 1130		.3	1					7.80			0.04 <		
1715		.3	1	295.0									
81 04 23 1430		.3	1	290.0							0.050<		
81 04 26 1200		.3	1	305.0							0.060<		
81 04 28 1215		.3	1	290.0							0.030<		
1455		.3	1	295		93	8.10		11	0.001<	0.03 <	0.220	0.002 <
81 04 30 1200		.3	1	300.0							0.050<		
81 05 05		.3	1								0.01 <W		
81 05 12 1630		.3	1								0.05 <		
81 05 20 1530		.3	1								0.08 <		
81 05 21 1300		.3	1	300		98	8.11	8.00	13	0.001<	0.08 <	0.020	0.002 <
1530		.3	1								0.08 <		
81 05 26 0730		.3	1								0.08 <		
81 06 02 1230		.3	1								0.08 <		
81 06 16 1225		.3	1					7.80	13		0.05 <		0.0090
81 06 23 1100		.3	1								0.07 <		
81 07 14 1145		.3	1								0.07 <		
81 07 28 1325		.3	1	280		95	7.91		23	0.001<	0.04 <	0.640	0.0020
81 08 04 1630		.3	1								0.06 <		
81 08 25 1215		.3	1	295		96	8.10			0.001<	0.03 <	0.790	0.0020
1245		.3	1								0.03 <		
81 09 13 1530		.3	1								0.04 <		
81 09 24 1525		.3	1	300		99	8.13	8.30	8	0.001<	0.04 <	0.500	0.0030
81 10 05 1530		.3	1								0.06 <		
81 10 06 1330		.3	1					8.25			0.04 <		0.0020
81 10 20 1225		.3	1	300		98	8.27	7.65	10	0.001<	0.04 <	0.610	0.0020
81 10 25 1145		.3	1								0.08 <		
81 11 05 1125		.3	1						9		0.03 <		0.0090
81 11 16 1430		.3	1								0.06 <		
1245		.3	1	310		103	8.07	8.00	11	0.001<	0.05 <	0.500	0.0040
81 12 07 1145		.3	1								0.03 <		
81 12 17 1245		.3	1					8.00	18		0.02 <		0.002
81 12 20 1615		.3	1								0.04 <		
81 12 28 1530		.3	1								0.03 <		

(CONTD)

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **AT LAKEPORT ROAD ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-001-02**
STORET CODE: **02 004 5130**

LAT: LONG: U T M: **17 0640900.0 4784440.0 4** REGION: **02** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL		ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR
81 12 30 1250		.3	1	320	21.00	102	8.18	8.20	1	<T	0.001<	0.03 <	0.350	0.002
MAXIMUM				**350.0**	**21.00**	**106.0**	**8.27**	**8.30**	**35**			**0.050**	**0.810**	**0.031**
ARITH MEAN				**320**	**21.00**	**99**	**8.06**	**7.9**	**13**	**<A**		**0.03 <A**	**0.459**	**0.006**
GEOM MEAN				**319**		**99**	**8.06**	**7.9**	**10**	**<A**		**0.02 <A**	**0.328**	**0.003**
MINIMUM				**280**	**21.00**	**93**	**7.74**	**7.60**	**1**			**0.01**	**0.020**	**0.001**
STD DEV (GEOM *)				**14**		**3**	**0.14**	**0.2**	**8**	**<A**		**0.01 <A**	**0.269**	**0.008**
# SAMPLES (IN STATISTICS)				**67**	**1**	**12**	**11**	**18**	**13**			**4**	**10**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 07 1200		.3		0.001<	0.003<	0.0003		20<W	50<W	50<W
81 01 13 1235		.3	1	0.002	0.003<	0.0002<	0.009			
81 01 15 1530		.3	1	0.004	0.004	0.0002<		20<W		
81 01 22 1530		.3	1		0.003<	0.0002<		20<W		
81 01 29 1345		.3	1	0.018	0.003	0.0002<		20<W	280	50<W
81 02 02 1250		.3	1		0.003<		0.031			
81 02 05 1500		.3	1	0.004	0.005	0.0002<				
81 02 12 1545		.3	1		0.003<	0.0003				
81 02 15 1600		.3	1		0.003<	0.0002<				
81 02 17 1530		.3	1		0.003<	0.0002<				
81 02 19 1305		.3	1	0.007	0.009	0.0002<	0.032			
1530		.3	1	0.005	0.005	0.0002<				
81 02 22 1545		.3	1		0.003<	0.0002<				
81 02 24 1145		.3	1		0.004		0.022			
1730		.3	1		0.003<	0.0002<				
81 02 26 1245		.3	1	0.004	0.003<	0.0002<				
81 03 01 1630		.3	1	0.002	0.003<	0.0002<				
81 03 03 1025		.3	1		0.004		0.002			
1630		.3	1		0.003<	0.0002<				
81 03 05 1730		.3	1	0.004	0.003<	0.0002<				
81 03 08 1400		.3	1		0.003<	0.0002<				
81 03 09 1245		.3	1		0.003<		0.004			
81 03 10 1145		.3	1	0.002	0.003<	0.0003				
81 03 12 1415		.3	1	0.003	0.003<	0.0002<				
81 03 15 1600		.3	1		0.003<	0.002 <				
81 03 16 1200		.3	1	0.002	0.003<	0.0002<	0.004			
81 03 17 1800		.3	1		0.003<	0.0002<				
81 03 18 1800		.3	1	0.003	0.020	0.0002<				
81 03 22 1630		.3	1		0.003<	0.0002<				
81 03 24 1100		.3	1		0.003<	0.0002<				
1145		.3	1		0.003		0.004			
81 03 25 0745		.3	1	0.005	0.003<	0.0002<			370	50<W
1545		.3	1	0.003	0.003	0.0002<			1260	50<W
81 03 26 1000		.3	1	0.005	0.005	0.0002<			200	50<W
1630		.3	1	0.002	0.003<	0.0002<			160	50<W
81 03 27 0800		.3	1	0.004	0.003<	0.0002<				
1700		.3	1	0.001	0.003<	0.0002<				
81 03 28 0800		.3	1	0.002	0.003<	0.0002<				
1630		.3	1	0.003	0.003<	0.0002<				
81 03 29 0815		.3	1	0.003	0.003<	0.0002<				
1645		.3	1	0.003	0.003<	0.0002<				
81 03 30 1015		.3	1	0.003	0.004	0.0002<				
1205		.3	1		0.003<		0.005			
1700		.3	1	0.005	0.003<	0.0002<				
81 03 31 0815		.3	1	0.003	0.003<	0.0002<				
1645		.3	1	0.003	0.004	0.0002<				
81 04 01 0800		.3	1	0.003	0.005	0.002				
1700		.3	1	0.003	0.003<	0.0002<				
81 04 02 0830		.3	1	0.003	0.003<	0.0002<				
1715		.3	1	0.003	0.003<	0.0002<				
81 04 03 0800		.3	1	0.003	0.003<	0.0002<				
1700		.3	1	0.004	0.003<	0.0002<				
81 04 04 0800		.3	1	0.003	0.003<	0.0002<			50<W	50<W
1715		.3	1	0.003	0.003<	0.0002<			50<W	50<W
81 04 05 1730		.3	1		0.004	0.0002<				
81 04 07 1120		.3	1		0.003<		0.004			
1715		.3	1	0.003	0.003<	0.0002<			120	50<W
81 04 09 1445		.3	1	0.002	0.003	0.0007				
81 04 12 1830		.3	1		0.003<	0.0002<				
81 04 13 1330		.3	1		0.003		0.006			
81 04 14 1430		.3	1	0.003	0.003<	0.0003		20<W	50	50<W
81 04 16 1415		.3	1		0.003<	0.0002<		20<W		
81 04 19 1600		.3	1	0.002	0.003<	0.0002<		20<W		
1715		.3	1	0.001	0.003<	0.0002<		20<W	60	50<W
81 04 23 1430		.3	1	0.001	0.003<	0.0002<				
81 04 26 1200		.3	1		0.003<	0.0002<				
81 04 28 1215		.3	1	0.001<	0.003<	0.0002<				
1455		.3	1	0.003	0.003<	0.0004	0.008			
81 04 30 1200		.3	1		0.003<	0.0002<				
81 05 04 1515		.3	1	0.001<	0.003<	0.0003				
81 05 05		.3	1	0.002	0.003<	0.0002<				
81 05 07 1545		.3	1	0.001<	0.003<	0.0002<				
81 05 11 1500		.3	1	0.004	0.003<	0.0002<				
81 05 12 1630		.3	1	0.004	0.003<	0.0003				
81 05 14 1615		.3	1	0.003	0.003<	0.0002<				
81 05 18 1300		.3	1	0.003	0.003<	0.0002<				
81 05 20 1530		.3	1	0.003	0.003<	0.0002<				
81 05 21 1300		.3	1	0.001<	0.003<	0.0004	0.002			
1530		.3	1	0.001<	0.003<	0.0002<				
81 05 24 1530		.3	1	0.002	0.003<	0.0002<				
81 05 26 0730		.3	1	0.002	0.009	0.0002<				
81 05 28 0845		.3	1	0.002	0.008	0.0002<				
81 05 31 1715		.3	1	0.004	0.010	0.0002<				
81 06 02 1230		.3	1	0.002	0.004	0.0002<				
81 06 09 1600		.3	1	0.003	0.003	0.0002<				
81 06 15 1730		.3	1	0.005	0.003<	0.0002				
81 06 16 1225		.3	1		0.003<		0.002			

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT	PBUT	CDUT	ZNUT	P1PCBT	X3PCPH	P3245T
81 06 23 1100		3	1	0.006	0.003<	0.0006				
81 06 30 1200		3	1	0.006	0.003<	0.0002<				
81 07 07 1500		3		0.006	0.003<	0.0002<				
81 07 14 1145		3	1	0.005	0.003<	0.0004				
81 07 21 1300		3	1		0.003<	0.0070				
81 07 28 1325		3	1	0.004	0.010	0.0004	0.008			
81 07 29 1445		3	1	0.003	0.007	0.0001				
81 08 04 1630		3	1	0.005	0.005	0.0001<				
81 08 11 1215		3	1	0.007	0.005	0.0001<				
81 08 18 1245		3	1	0.004	0.003<	0.0002<				
81 08 25 1215		3	1	0.005	0.003<	0.0001<	0.005			
1245		3	1	0.006	0.005	0.0001<				
81 09 01 1245		3	1	0.003	0.003<	0.0002<				
81 09 09 1515		3	1	0.010	0.003<	0.0001<				
81 09 13 1530		3	1	0.004	0.007	0.0001<				
81 09 21 1315		3	1	0.009	0.003<	0.0001<				
81 09 24 1525		3	1	0.007	0.003<	0.0002	0.005			
81 09 28 1230		3	1	0.010	0.006	0.0002				
81 10 05 1530		3	1	0.003	0.003<	0.0002				
81 10 06 1330		3	1		0.003<		0.006			
81 10 13 0500		3	1	0.004	0.003<	0.0002<				
81 10 19 1200		3	1	0.002	0.003<	0.0002				
81 10 20 1225		3	1	0.002	0.003<	0.0003	0.004	20<W		
81 10 25 1145		3	1	0.005	0.008	0.0005				
81 11 01 1215		3	1	0.002	0.010	0.0002				
81 11 05 1125		3	1		0.003<		0.017			
81 11 09 0930		3	1	0.003	0.006	0.0004				
81 11 16 1430		3	1	0.005	0.006	0.0003				
81 11 22 2200		3	1	0.006	0.009	0.0003				
81 11 30 1200		3	1	0.006	0.015	0.0003				
1245		3	1	0.005	0.003<	0.0003	0.007			
81 12 07 1145		3	1	0.005	0.009	0.0002				
81 12 14 1230		3	1	0.008	0.006	0.0003				
81 12 17 1245		3	1		0.007		0.003			
81 12 20 1615		3	1	0.006	0.007	0.0001				
81 12 28 1530		3	1	0.008	0.003<	0.0003				
81 12 30 1250		3	1	0.003	0.005	0.0002	0.006			
MAXIMUM				**0.018**	**0.020**	**0.0070**	**0.032**		**1260**	**50**
ARITH MEAN				**0.004**	**0.006**	**0.000**	**0.009**		**241<A**	**50<A**
GEOM MEAN				**0.004**	**0.006**	**0.000**	**0.006**		**131<A**	**50<A**
MINIMUM				**0.001**	**0.003**	**0.0001**	**0.002**		**50**	**50**
STD DEV (GEOM *)				**0.002**	**0.003**	**0.001**	**0.009**		**355<A**	**0<A**
# SAMPLES (IN STATISTICS)				**88**	**40**	**33**	**23**		**11**	**11**

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **WELLANDVALE AVE ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-002-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M.: **17 0641375.0 4779900.0 4** REGION: **02** DISTANCE: **5.472**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1340		3	1	38342	5	5700C	35000	700	130	1.0	14.7	1.5	0.023
81 02 16 1110		3	1	38384	5	1400	3700	1900	80A	3.5	12.60	1.6	0.012
81 03 25 1205		3	1	38425	5	1400	30000>	180	20A	3.5	12.50	1.6	0.027
81 04 28 1200		3	1	38499	6	4200	30000>	370	210	7.0	12.50	2.0	0.040
81 05 27 1050		3	1	38561	6 9	13000	140000	190	90A	11.0	9.40	1.4	0.070
81 06 23 1300		3	1	38581	6 9	77000A	2400000>	580	640	19.0	7.10	1.8	0.350
81 07 28 1405		3	1	38610	3 0	6400	12100	1240	1130	20.5	7.80	0.8	0.052
81 08 25 1130		3	1	38682	8 9	26000	119000	1420	120A	21.5	8.00	2.2	0.019
81 09 10 1155		3	1	38699	8 9 0	4400	15000>	710	110	20.2	8.60	0.8	0.038
81 10 06 1240		3	1	38746	8 9 0	2000A	1460000	540	90A	13.2	9.10	1.6	0.022
81 11 12 1255		3	1	38807	8 9	4700	3300	510	50A	6.0	11.50	1.8	0.050
81 12 03 1255		3	1	38851	8 9	5200	3100	420	100	5.0	11.80	1.6	0.040
MAXIMUM						**77000**	**1460000**	**1900**	**1130**	**21.5**	**14.7**	**2.2**	**0.350**
ARITH MEAN						**12617**	**222025**	**730**	**231**	**10.9**	**10.4**	**1.6**	**0.062**
GEOM MEAN						**5872**	**28111**	**579**	**127**	**7.9**	**10.2**	**1.5**	**0.039**
MINIMUM						**1400**	**3100**	**180**	**20**	**1.0**	**7.10**	**0.8**	**0.012**
STD DEV (GEOM *)						**3***	**9***	**2***	**3***	**7.6**	**2.4**	**0.4**	**0.092**
# SAMPLES (IN STATISTICS)						**12**	**8**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1340		3	1	0.006	0.068	0.310	0.010	0.225		0.303	0.242	0.545	230.00
81 02 16 1110		3	1	0.001	0.008	0.17	0.007	0.225	0.230	0.240	0.162	0.402	
81 03 25 1205		3	1	0.005	0.030	0.30	0.005	0.570	0.575	0.605	0.270	0.875	
81 04 28 1200		3	1	0.004	0.040	0.34	0.005	0.375	0.380	0.420	0.300	0.720	
81 05 27 1050		3	1	0.036	0.042	0.41	0.043	0.195	0.240	0.280	0.368	0.648	
81 06 23 1300		3	1	0.098	0.002<T	1.78	0.009	6.74	6.75	6.751	1.778	8.529	
81 07 28 1405		3	1	0.006	0.012	0.30	0.004	0.120	0.125	0.136	0.288	0.424	
81 08 25 1130		3	1	0.005	0.006	0.31	0.001	0.130	0.130	0.137	0.304	0.441	
81 09 10 1155		3	1	0.005	0.020	0.29	0.002	0.090	0.090	0.112	0.270	0.382	
81 10 06 1240		3	1	0.002	0.026	0.32	0.001	0.110	0.110	0.137	0.294	0.431	
81 11 12 1255		3	1	0.004	0.026	0.35	0.003	0.140	0.145	0.169	0.324	0.493	
81 12 03 1255		3	1	0.005	0.018	0.34	0.001	0.255	0.255	0.274	0.322	0.596	
MAXIMUM				**0.098**	**0.068**	1.78	**0.043**	6.74	6.75	**6.751**	**1.778**	**8.529**	**230.00**
ARITH MEAN				**0.015**	**0.025<A**	0.43	**0.008**	0.76	0.82	**0.797**	**0.410**	1.207	**230.00**
GEOM MEAN				**0.006**	**0.018<A**	0.35	**0.004**	0.25	0.26	**0.297**	**0.327**	**0.661**	
MINIMUM				**0.001**	**0.002**	0.17	**0.001**	0.090	0.090	0.112	**0.162**	**0.382**	**230.00**
STD DEV (GEOM *)				**0.028**	**0.019<A**	0.42	**0.012**	1.88	1.97	**1.880**	**0.434**	2.311	
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**	**1**

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **WELLANDVALE AVE ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-002-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M.: **17 0641375.0 4779900.0 4** REGION: **02** DISTANCE: **5.472**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	
81 01 28 1340		.3	1	9.00	221.00	340.0	3.80	23.500	29.500		8.12		18.000	
81 02 16 1110		.3	1	8	215	330	7.40	22.00	30.5	102	7.86	7.70	100.000	
81 03 25 1205		.3	1	4	211	325	4.40	21.00	29.5	101	7.88		9	
81 04 28 1200		.3	1	14	195	300	4.50	20.50	28.0	93	8.01	8.10	13	
81 05 27 1050		.3	1	23	195	305	5.90	19.50	27.0	95	8.16	8.10	14	
81 06 23 1300		.3	1	165	412	540	33.00	32.00	69.0	139	7.68	7.70	1	<T
81 07 28 1405		.3	1	32.0	182	280	3.60	18.50	23.5	94	8.26		14	
81 08 25 1130		.3	1	32.7	189	290	1.36	18.50	24.5	96	8.34		12	
81 09 10 1155		.3	1	29.4	189	300	12.80	19.00	29.5	97	8.04	8.15	3	
81 10 06 1240		.3	1		195	300	1.53	19.00	30.5	100	8.22	8.15	12	
81 11 12 1255		.3	1	31.4	202	310	3.80	19.50	29.0	102	8.03	7.40	14	
81 12 03 1255		.3	1	22.4	205	315	17.00	20.00	32.0	101	7.97	7.95	1	<T
	MAXIMUM			**165**	**412**	**540**	**33.00**	**32.00**	**69.0**	**139**	**8.34**	**8.15**	**100.000**	
	ARITH MEAN			**33**	**217**	**327**	**8.26**	**21.08**	**31.8**	**102**	**8.05**	**7.91**	**17**	**<A**
	GEOM MEAN			**20**	**212**	**322**	**5.44**	**20.83**	**30.5**	**101**	**8.05**	**7.90**	**8**	**<A**
	MINIMUM			**4**	**182**	**280**	**1.36**	**18.50**	**23.5**	**93**	**7.68**	**7.40**	**1**	
	STD DEV (GEOM *)			**44**	**62**	**68**	**9.04**	**3.74**	**11.9**	**13**	**0.19**	**0.28**	**26**	**<A**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**8**	**12**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
	TEST-NAME:			*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*COD*	*DOC*	*CRUT*	*CUUT*	*PBUT*
81 01 28 1340		.3	1	0.220				4.000	10				
81 02 16 1110		.3	1		138	36.0	9.00		12	2.7	0.002 <	0.002	0.003
81 03 25 1205		.3	1		117	33.0	8.50		18	2.6	0.002 <	0.006	0.003<
81 04 28 1200		.3	1		110	31.0	8.00		21	2.8	0.002 <	0.001<	0.003<
81 05 27 1050		.3	1		133	40.0	8.00		40	2.8	0.002 <	0.004	0.007
81 06 23 1300		.3	1		232	60.0	20.00		35	9.2	0.0050	0.008	0.003<
81 07 28 1405		.3	1		108	30.0	8.00		4	2.3	0.0020	0.003	0.011
81 08 25 1130		.3	1		111	31.2	8.00		10	2.2	0.0020	0.005	0.005
81 09 10 1155		.3	1		120	33.4	8.90		10	2.4	0.0030	0.007	0.003<
81 10 06 1240		.3	1		98	26.0	8.00		57	3.0	0.0020	0.005	0.003<
81 11 12 1255		.3	1		125	36.0	8.50			1.5	0.0030	0.007	0.003<
81 12 03 1255		.3	1		121	36.0	7.50			2.6	0.002 <	0.002	0.003<
	MAXIMUM			**0.220**	**232**	**60.0**	**20.00**	**4.000**	**57**	**9.2**	**0.0050**	**0.008**	**0.011**
	ARITH MEAN			**0.220**	**128**	**35.7**	**9.31**	**4.000**	**22**	**3.1**	**0.0028**	**0.005**	**0.006**
	GEOM MEAN				**125**	**34.9**	**8.92**		**16**	**2.8**	**0.0027**	**0.004**	**0.006**
	MINIMUM			**0.220**	**98**	**26.0**	**7.50**	**4.000**	**4**	**1.5**	**0.0020**	**0.002**	**0.003**
	STD DEV (GEOM *)				**36**	**8.9**	**3.57**		**17**	**2.1**	**0.0012**	**0.002**	**0.003**
	# SAMPLES (IN STATISTICS)			**1**	**11**	**11**	**11**	**1**	**10**	**11**	**6**	**10**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 28 1340		.3	1			0.012	
81 02 16 1110		.3	1	0.0005	0.010		0.004
81 03 25 1205		.3	1	0.0002<	0.010		0.002
81 04 28 1200		.3	1	0.0002	0.004		0.003
81 05 27 1050		.3	1	0.0002<	0.001<		0.004
81 06 23 1300		.3	1	0.0002<	0.015		0.0080
81 07 28 1405		.3	1	0.0004	0.006		0.0050
81 08 25 1130		.3	1	0.0001	0.005		0.0040
81 09 10 1155		.3	1	0.0001<	0.006		0.0070
81 10 06 1240		.3	1	0.0003	0.005		0.0030
81 11 12 1255		.3	1	0.0004	0.036		0.0060
81 12 03 1255		.3	1	0.0002<	0.003		0.002
	MAXIMUM			**0.0005**	**0.036**	**0.012**	**0.0080**
	ARITH MEAN			**0.0003**	**0.010**	**0.012**	**0.004**
	GEOM MEAN			**0.0003**	**0.008**		**0.004**
	MINIMUM			**0.0001**	**0.003**	**0.012**	**0.002**
	STD DEV (GEOM *)			**0.0001**	**0.010**		**0.002**
	# SAMPLES (IN STATISTICS)			**6**	**10**	**1**	**11**

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **AT GLENDALE AVE, ST CATHARINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-004-02**
STORET CODE: **02 004 5130**

LAT: LONG: U T M: **17 0642275.0 4776950.0 4** REGION: **02** DISTANCE: **8.690**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1130		.3	1	38340	5	660C	24000	10<	190	1.0	14.6	0.2	0.017
81 02 16 1020		.3	1	38382	5	140A	480	10A	10A	2.0	11.20		0.008
81 03 25 1100		.3	1	38423	5	60A	380	10<	10<	2.0	12.60		0.025
81 04 28 1240		.3	1	38497	6 9	30A	370	8	20	7.0	11.00		0.029
81 05 27 1000		.3	1	38559	5	20A	4400	16	68	10.5	9.20		0.051
81 06 23 1220		.3	1	38579	5	62000A	280000	340	480	19.0	7.00		0.465
81 07 28 1440		.3	1	38612	3	320A	3300	20A	80A	21.0	7.70		0.060
81 08 25 1100		.3	1	38684	8 9	4800	24000	10A	10<	21.2	8.40		0.014
81 09 10 1120		.3	1	38697	8 9	430A	5800	70A	40A	20.0	8.70		0.036
81 10 06 1110		.3	1	38744	8 9	190	1400	10<	20A	12.5	9.60		0.031
81 11 12 1150		.3	1	38805	8 9	60A	250	10<	10<	5.0	11.20		0.040
81 12 03 1120		.3	1	38849	8	620	1200	10A	10A	4.5	11.00		0.042
MAXIMUM						**62000**	**280000**	**340**	**480**	**21.2**	**14.6**	**0.2**	**0.465**
ARITH MEAN						**5777**	**28798**	**60**	**102**	**10.5**	**10.1**	**0.2**	**0.068**
GEOM MEAN						**315**	**2920**	**22**	**45**	**7.0**	**9.9**		**0.035**
MINIMUM						**20**	**250**	**8**	**10**	**1.0**	**7.00**	**0.2**	**0.008**
STD DEV (GEOM *)						**10***	**8***	**4***	**4***	**8.0**	**2.1**		**0.126**
# SAMPLES (IN STATISTICS)						**12**	**12**	**8**	**9**	**12**	**12**	**1**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1130		.3	1	0.003	0.026	0.250	0.002	0.263		0.291	0.224	0.515	222.00
81 02 16 1020		.3	1	0.002	0.010	0.15		0.265	0.265		0.140	0.415	
81 03 25 1100		.3	1	0.007	0.056	0.29	0.005	0.575	0.580	0.636	0.234	0.870	
81 04 28 1240		.3	1	0.005	0.046	0.31	0.004	0.395	0.400	0.445	0.264	0.709	
81 05 27 1000		.3	1	0.011	0.024	0.33	0.027	0.240	0.265	0.291	0.306	0.597	
81 06 23 1220		.3	1	0.280	0.014	2.85	0.015	12.5	12.50	12.529	2.836	15.365	
81 07 28 1440		.3	1	0.004	0.016	0.32	0.010	0.120	0.130	0.146	0.304	0.450	
81 08 25 1100		.3	1	0.005	0.006	0.30	0.001	0.130	0.130	0.137	0.294	0.431	
81 09 10 1120		.3	1	0.006	0.026	0.29	0.005	0.085	0.090	0.116	0.264	0.380	
81 10 06 1110		.3	1	0.004	0.002	0.30	0.019	0.145	0.165	0.166	0.298	0.464	
81 11 12 1150		.3	1	0.007	0.004	0.32	0.021	0.145	0.165	0.170	0.316	0.486	
81 12 03 1120		.3	1	0.011	0.030	0.38	0.004	0.335	0.340	0.369	0.350	0.719	
MAXIMUM				**0.280**	**0.056**	**2.85**	**0.027**	**12.5**	**12.50**	**12.529**	**2.836**	**15.365**	**222.00**
ARITH MEAN				**0.029**	**0.022**	**0.50**	**0.010**	**1.2**	**1.36**	**1.391**	**0.486**	**1.783**	**222.00**
GEOM MEAN				**0.007**	**0.015**	**0.34**	**0.007**	**0.2**	**0.31**	**0.341**	**0.323**	**0.703**	
MINIMUM				**0.002**	**0.002**	**0.15**	**0.001**	**0.085**	**0.090**	**0.116**	**0.140**	**0.380**	**222.00**
STD DEV (GEOM *)				**0.079**	**0.017**	**0.74**	**0.009**	**3.5**	**3.69**	**3.698**	**0.742**	**4.280**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**11**	**11**	**12**	**12**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 28 1130		.3	1	7.00	215.00	330.0	3.20	22.500	27.000	8.10		1.000<	0.210
81 02 16 1020		.3	1	6	211	325	3.40	21.50		8.11	7.70	1 <T	
81 03 25 1100		.3	1	4	208	320	3.30	21.00		8.04		1 <T	
81 04 28 1240		.3	1	13	171	920	6.50	19.50		8.22	7.90	1 <T	
81 05 27 1000		.3	1	20	195	300	4.30	19.50		8.35	8.20	1 <T	
81 06 23 1220		.3	1	68	2518	720	36.00			7.41	8.10	1 <T	
81 07 28 1440		.3	1	32.0	185	280	3.70	18.50		8.44		1 <T	
81 08 25 1100		.3	1	32.5	195	300	3.00	18.00		8.31		1 <T	
81 09 10 1120		.3	1	24.3	166	295	13.30	18.50		8.34	8.20	1 <T	
81 10 06 1110		.3	1		195	300	7.90	19.00		8.36	8.35	1 <T	
81 11 12 1150		.3	1	23.5	195	300	9.00	20.00		8.26	7.50	1 <T	
81 12 03 1120		.3	1	21.8	202	310	16.80	21.00		8.20	8.30	1 <T	
MAXIMUM				**68**	**2518**	**920**	**36.00**	**22.500**	**27.000**	**8.44**	**8.35**	**1**	**0.210**
ARITH MEAN				**22**	**388**	**391**	**9.20**	**19.90**	**27.000**	**8.18**	**8.03**	**1 <A**	**0.210**
GEOM MEAN				**17**	**239**	**359**	**6.56**	**19.86**		**8.17**	**8.03**	**1 <A**	
MINIMUM				**4**	**166**	**280**	**3.00**	**18.00**	**27.000**	**7.41**	**7.50**	**1**	**0.210**
STD DEV (GEOM *)				**17**	**670**	**206**	**9.53**	**1.42**		**0.27**	**0.30**	**0 <A**	
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**11**	**1**	**12**	**8**	**11**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*COLAP*	*COD*	*DOC*	*MNUT*
81 01 28 1130		.3	1	7.000	10		0.009
81 02 16 1020		.3	1		6<T	1.6	
81 03 25 1100		.3	1		18	2.3	
81 04 28 1240		.3	1		27	1.9	
81 05 27 1000		.3	1		19	2.2	
81 06 23 1220		.3	1		55	14.4	
81 07 28 1440		.3	1		12	2.5	
81 08 25 1100		.3	1		24	1.9	
81 09 10 1120		.3	1		14	2.1	
81 10 06 1110		.3	1		11	2.1	
81 11 12 1150		.3	1		27	3.0	
81 12 03 1120		.3	1		9	2.0	
MAXIMUM				**7.000**	**55**	**14.4**	**0.009**
ARITH MEAN				**7.000**	**19<A**	**3.3**	**0.009**
GEOM MEAN					**16<A**	**2.5**	
MINIMUM				**7.000**	**6**	**1.6**	**0.009**
STD DEV (GEOM *)					**13<A**	**3.7**	
# SAMPLES (IN STATISTICS)				**1**	**12**	**11**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **ONE STREET LOUTH TWP. NEAR POWER GLEN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-007-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M: **17 0640425.0 4774825.0 4** REGION: **02** DISTANCE: **11.909**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1100		.3	1	38338	6	49000	225000	544	600>	1.0	13.1	2.4	0.125
81 02 16 1000		.3	1	38380	3	1900	5300	80A	260	2.0	9.30	0.6	0.040
81 03 25 1030		.3	1	38421	6	80A	1100	10A	90A	3.0	13.00	1.4	0.022
81 04 28 1215		.3	1	38495	3	1800	13000	10A	190	12.5	10.80	1.0	0.080
81 05 27 0940		.3	1	38557	8	1000A	33000	170	140	17.0	6.70	1.0	0.060
81 06 23 1150		.3	1	38577	3	180000	1000000	9100	12300	18.0	6.40	1.2	0.130
81 07 28 1500		.3	1	38614	3	24000	230000	1700	3000>	17.5	7.40	0.8	0.168
81 08 25 1030		.3	1	38686	8	2600A	31000	240	300A	18.0	7.90	1.0	0.012
81 09 10 1050		.3	1	38695	3	2800A	78000	470	380	15.5	9.00	0.6	0.150
81 10 06 1045		.3	1	38742	3	1100	20500	280	250	10.5	8.90	0.8	0.072
81 11 12 1130		.3	1	38803	8	3000	1400	370	60A	2.5	13.50	0.2<T	0.027
81 12 03 1100		.3	1	38847	3	19000	44000	830	580	2.5	11.40	1.4	0.095
MAXIMUM						**180000**	**1000000**	**9100**	**12300**	**18.0**	**13.50**	**2.4**	**0.168**
ARITH MEAN						**23857**	**140192**	**1150**	**1455**	**10.0**	**9.7**	**1.0<A**	**0.082**
GEOM MEAN						**4154**	**29269**	**263**	**308**	**6.6**	**9.4**	**0.9<A**	**0.063**
MINIMUM						**80**	**1100**	**10**	**60**	**1.0**	**6.40**	**0.2**	**0.012**
STD DEV (GEOM *)						**8***	**8***	**7***	**4***	**7.2**	**2.5**	**0.6<A**	**0.052**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1100		.3	1	0.055	0.410	1.200	0.084	2.020		2.514	0.790	3.304	434.0
81 02 16 1000		.3	1	0.023	0.060	0.20	0.011	1.440	1.450	1.511	0.140	1.651	
81 03 25 1030		.3	1	0.004	0.040	0.33	0.007	1.240	1.250	1.287	0.290	1.577	
81 04 28 1215		.3	1	0.006	0.040	0.37	0.010	0.545	0.555	0.595	0.330	0.925	
81 05 27 0940		.3	1	0.048	0.002	0.14	0.060	0.530	0.590	0.592	0.138	0.730	
81 06 23 1150		.3	1	0.084	0.076	0.30	0.004	0.445	0.450	0.525	0.224	0.749	
81 07 28 1500		.3	1	0.039	0.004	0.42	0.036	0.870	0.905	0.910	0.416	1.326	
81 08 25 1030		.3	1		0.006	0.26	0.001	0.740	0.740	0.747	0.254	1.001	
81 09 10 1050		.3	1	0.060	0.010	0.50	0.013	1.040	1.050	1.063	0.490	1.553	
81 10 06 1045		.3	1	0.031	0.004	0.35	0.001	0.915	0.915	0.920	0.346	1.266	
81 11 12 1130		.3	1	0.012	0.006	0.22	0.003	0.595	0.600	0.604	0.214	0.818	
81 12 03 1100		.3	1	0.037	0.020	0.55	0.020	1.230	1.250	1.270	0.530	1.800	
MAXIMUM				**0.084**	**0.410**	**1.200**	**0.084**	**2.020**	**1.450**	**2.514**	**0.790**	**3.304**	**434.0**
ARITH MEAN				**0.036**	**0.056**	**0.40**	**0.021**	**0.967**	**0.887**	**1.045**	**0.347**	**1.392**	**434.0**
GEOM MEAN				**0.026**	**0.017**	**0.34**	**0.009**	**0.877**	**0.830**	**0.938**	**0.306**	**1.265**	
MINIMUM				**0.004**	**0.002**	**0.14**	**0.001**	**0.445**	**0.450**	**0.525**	**0.138**	**0.730**	**434.0**
STD DEV (GEOM *)				**0.025**	**0.114**	**0.27**	**0.026**	**0.460**	**0.332**	**0.562**	**0.187**	**0.709**	
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 28 1100		.3	1	21.0	413.0	640.0	13.00	48.000		7.96			
81 02 16 1000		.3	1	20	441	620	11.00	46.00	187	7.93	7.60	1<T	0.80
81 03 25 1030		.3	1	7	384	660	5.40	38.00	205	8.19		1<T	0.47
81 04 28 1215		.3	1	28	374	580	1.50	29.00	214	8.20	8.15	1<T	1.40
81 05 27 0940		.3	1	21	350	570	8.10	21.00	213	8.25	7.80		
81 06 23 1150		.3	1	29	205	315	14.0	20.00		8.13	7.40	11	1.04
81 07 28 1500		.3	1	91.0	329	560	38.00	22.50	215	8.18		1<T	3.80
81 08 25 1030		.3	1	39.2	321	560	2.50	17.50	219	8.14		1<T	1.35
81 09 10 1050		.3	1	52.9	372	630	29.00	27.50	229	8.29	8.10		
81 10 06 1045		.3	1			600	16.10	20.50	233	8.28	7.90	1<T	1.36
81 11 12 1130		.3	1	7.2	388	620	7.30	22.00	235	8.48	7.60	1<T	0.37
81 12 03 1100		.3	1	19.5	344	620	37.00	33.50	207	8.31	8.25	1<T	1.70
MAXIMUM				**91.0**	**441**	**660**	**38.00**	**48.000**	**235**	**8.48**	**8.25**	**11**	**3.80**
ARITH MEAN				**30**	**356**	**581**	**15.2**	**28.79**	**216**	**8.19**	**7.85**	**2<A**	**1.37**
GEOM MEAN				**23**	**350**	**572**	**10.3**	**27.24**	**215**	**8.19**	**7.84**	**1<A**	**1.10**
MINIMUM				**7**	**205**	**315**	**1.50**	**17.50**	**187**	**7.93**	**7.40**	**1**	**0.37**
STD DEV (GEOM *)				**24**	**61**	**89**	**12.6**	**10.41**	**14**	**0.15**	**0.30**	**3<A**	**1.02**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**10**	**12**	**8**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*COD*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 02 16 1000		.3	1	12	0.001<	0.003	0.005<	0.008	0.003 <
81 03 25 1030		.3	1	8	0.001<	0.002	0.003<	0.002	0.002 <
81 04 28 1215		.3	1	27	0.001<	0.001<	0.003<	0.004	0.002 <
81 05 27 0940		.3	1			0.003	0.020	0.001<	
81 06 23 1150		.3	1	2	0.001<	0.003	0.003<	0.004	0.0060
81 07 28 1500		.3	1	18	0.001	0.006	0.003<	0.016	0.0070
81 08 25 1030		.3	1	14	0.001<	0.007	0.003<	0.005	0.0030
81 09 10 1050		.3	1			0.012	0.003<	0.008	
81 10 06 1045		.3	1	49	0.001	0.006	0.003<	0.006	0.0020
81 11 12 1130		.3	1	2	0.001<	0.011	0.006	0.006	0.0040
81 12 03 1100		.3	1	25	0.001<	0.001	0.003<	0.008	0.003
MAXIMUM				**49**	**0.001**	**0.012**	**0.020**	**0.016**	**0.0070**
ARITH MEAN				**17**	**0.001**	**0.005**	**0.013**	**0.007**	**0.004**
GEOM MEAN				**11**	**0.001**	**0.004**	**0.011**	**0.006**	**0.003**
MINIMUM				**2**	**0.001**	**0.001**	**0.006**	**0.002**	**0.0020**
STD DEV (GEOM *)				**15**	**0.000**	**0.004**	**0.010**	**0.004**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**2**	**10**	**2**	**10**	**6**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TWELVE MILE CREEK**
SAMPLE POINT: **AT DECEW ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-008-02**
STORET CODE: **02 004 5130**

LAT. LONG. U.T.M: **17 0641300.0 4775300.0 4** REGION: **02** DISTANCE: **10.621**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 28 1110		.3	1	38339	5	260C	28000	4	32		1.0	14.8	0.4
81 02 16 1010		.3	1	38381	6	100A	540	4<	4	4<	1.8	11.10	0.4
81 03 25 1045		.3	1	38422	5	20A	3000>	4<	4<		1.5	12.60	1.0
81 04 28 1225		.3	1	38496	6	50A	230	4<	4<	4<	7.5	9.80	0.8
81 05 27 0950		.3	1	38558	6	30A	8000	4<	4<	4<	10.5	9.50	0.8
81 06 23 1210		.3	1	38578	5	4400A	30000	140	340	24	18.5	7.00	0.4
81 07 28 1450		.3	1	38613	3	190A	3500	10A	40A	4<	21.0	7.60	0.6
81 08 25 1045		.3	1	38685	8	150A	4100	10A	10A	10<	21.2	8.30	1.2
81 09 10 1105		.3	1	38696	8	360A	4800	20A	70A	4<	20.0	8.40	0.2<T
81 10 06 1055		.3	1	38743	8	90A	1550	10<	10<	4<	12.5	9.40	0.4
81 11 12 1135		.3	1	38804	8	20A	210	10<	10<	4	6.0	11.00	0.4
81 12 03 1110		.3	1	38848	8	230	770	10A	10<	4<	4.0	11.20	1.2
MAXIMUM						**4400**	**30000**	**140**	**340**	**24**	**21.2**	**14.8**	**1.2**
ARITH MEAN						**492**	**7427**	**32**	**83**	**14**	**10.5**	**10.0**	**0.6<A**
GEOM MEAN						**125**	**2388**	**15**	**33**	**10**	**6.8**	**9.8**	**0.6<A**
MINIMUM						**20**	**210**	**4**	**4**	**4**	**1.0**	**7.00**	**0.2**
STD DEV (GEOM *)						**4***	**6***	**3***	**5***	**4***	**8.0**	**2.2**	**0.3<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**6**	**6**	**2**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1110		.3	1	0.016	0.003	0.018	0.260	0.002	0.253	0.273	0.242	0.515	222.00
MAXIMUM				**0.016**	**0.003**	**0.018**	**0.260**	**0.002**	**0.253**	**0.273**	**0.242**	**0.515**	**222.00**
ARITH MEAN				**0.016**	**0.003**	**0.018**	**0.260**	**0.002**	**0.253**	**0.273**	**0.242**	**0.515**	**222.00**
GEOM MEAN													
MINIMUM				**0.016**	**0.003**	**0.018**	**0.260**	**0.002**	**0.253**	**0.273**	**0.242**	**0.515**	**222.00**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 28 1110		.3	1	7.00	215.00	330.0	3.40	22.000	27.000		8.13		500.000
81 02 16 1010		.3	1	7	215	330	3.50	21.50	27.0	103	8.09	7.70	1 <T
81 03 25 1045		.3	1	5	208	320	3.70	21.00	28.0	100	8.02		1 <T
81 04 28 1225		.3	1	15	188	290	1.60	19.50	26.0	91	8.19	7.90	1 <T
81 05 27 0950		.3	1	17	195	300	4.40	19.50	24.5	94	8.37	8.30	1 <T
81 06 23 1210		.3	1	24	208	310	3.70	20.50	30.5	94	8.34	7.90	
81 07 28 1450		.3	1	28.0	182	280	2.90	18.50	23.5	96	8.42		1 <T
81 08 25 1045		.3	1	30.3	189	290	2.70	18.00	24.5	95	8.39		1 <T
81 09 10 1105		.3	1	22.7	164	295	9.20	18.50	27.5	94	8.34	8.20	1 <T
81 10 06 1055		.3	1		202	310	6.80	19.00	28.0	100	8.42	8.30	1 <T
81 11 12 1135		.3	1	23.1	195	300	14.80	20.00	27.0	103	8.24	7.50	1 <T
81 12 03 1110		.3	1	20.4	202	310	19.70	20.50	29.0	102	8.29	8.25	1 <T
MAXIMUM				**30.3**	**215.00**	**330.0**	**19.70**	**22.000**	**30.5**	**103**	**8.42**	**8.30**	**500.000**
ARITH MEAN				**18**	**196**	**305**	**6.37**	**19.87**	**26.8**	**97**	**8.27**	**8.01**	**46 <A**
GEOM MEAN				**15**	**196**	**305**	**4.84**	**19.83**	**26.8**	**97**	**8.27**	**8.00**	**1 <A**
MINIMUM				**5**	**164**	**280**	**1.60**	**18.00**	**23.5**	**91**	**8.02**	**7.50**	**1**
STD DEV (GEOM *)				**8**	**14**	**15**	**5.56**	**1.26**	**2.0**	**4**	**0.14**	**0.30**	**150 <A**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 28 1110		.3	1	0.180	7.000	21						0.009	
81 02 16 1010		.3	1	0.14	9.9	6<T		0.04<	0.002	0.003<	0.006		0.004
81 03 25 1045		.3	1	0.19	4.4	10	2.2	0.03<	0.002	0.003<	0.006		0.004
81 04 28 1225		.3	1	0.46	5.7	10	2.1	0.03<	0.002	0.003<	0.002		0.004
81 05 27 0950		.3	1	0.48	6.2	28	2.5	0.08<	0.002	0.009	0.001<		0.002 <
81 06 23 1210		.3	1	1.35		10	2.7	0.07<	0.004	0.003<	0.012		0.0020
81 07 28 1450		.3	1	0.98		4	2.5	0.04<	0.003	0.009	0.005		0.0060
81 08 25 1045		.3	1	1.08	0.4	8	1.8	0.03<	0.004	0.005	0.004		0.0040
81 09 10 1105		.3	1	0.68	7.9	20	2.1		0.011	0.003<	0.015		0.0060
81 10 06 1055		.3	1	0.64	5.2	21	2.2	0.04<	0.004	0.003<	0.004		0.0030
81 11 12 1135		.3	1	0.68	4.9	0	2.1	0.04<	0.006	0.003<	0.008		0.0050
81 12 03 1110		.3	1	0.78	5.7	4	2.0	0.03<	0.006	0.003<	0.007		0.0060
MAXIMUM				**1.35**	**9.9**	**28**	**2.7**		**0.011**	**0.009**	**0.015**	**0.009**	**0.0060**
ARITH MEAN				**0.63**	**5.7**	**13<A**	**2.2**		**0.004**	**0.008**	**0.007**	**0.009**	**0.004**
GEOM MEAN				**0.51**	**4.6**	**11<A**	**2.2**		**0.004**	**0.007**	**0.006**		**0.004**
MINIMUM				**0.14**	**0.4**	**4**	**1.8**		**0.002**	**0.005**	**0.002**	**0.009**	**0.0020**
STD DEV (GEOM *)				**0.37**	**2.4**	**8<A**	**0.3**		**0.003**	**0.002**	**0.004**		**0.001**
# SAMPLES (IN STATISTICS)				**12**	**10**	**11**	**10**		**11**	**3**	**10**	**1**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **OLD WELLAND CANAL**
SAMPLE POINT: **AT DISHER STREET ST. CATHRINES**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWELVE MILE CREEK**

STATION ID: **06-0017-009-02**
STORET CODE: **02 004 5130**

LAT: LONG: U T M: **17 0644550.0 4778600.0 4** REGION: **02** DISTANCE: **10.139**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 28 1150	.3	1		38341	6 9 0	360000	2500000	23000	2100		9.0	8.6	150.0
81 02 16 1035	.3	1		38383	6 9 0	650000	180000	600A	400A	100<	10.0	9.30	200.0
81 03 25 1145	.3	1		38424	6 9 0	150000	3000000>	15000	3500		11.0	9.40	115.0
81 04 28 1300	.3	1		38498	6 9 0	220000	3000000>	4200	1400	180	18.0	9.00	94.0
81 05 27 1035	.3	1		38560	6 9 0	100000A	230E+05	4500	3400	1120	18.0	7.80	20.0
81 06 23 1245	.3	1		38580	6 9 0	330000A	200E+05	7000A	2700	280	26.0	6.10	3.6
81 07 28 1415	.3	1		38611	6 9 0	150000	1450000	6100	7700	1280	27.0	7.10	63.0
81 08 25 1115	.3	1		38683	8 9 0	9600000	150E+05	64000	1400	380	26.2	7.60	29.2
81 09 10 1140	.3	1		38698	8 9 0	410000A	3200000	62000	2100	150	25.5	7.80	132.0
81 10 06 1150	.3	1		38745	8 9 0	160000A	164E+05	12000	2700	330	18.5	8.10	175.0
81 11 12 1235	.3	1		38806	8 9 0	660000A	6000001		7000	130	15.0	9.20	78.0
81 12 03 1135	.3	1		38850	8 9 0	240000	710000	15000	1800	110	11.5	9.20	
MAXIMUM						**9600000**	**230E+05**	**64000**	**7700**	**1280**	**27.0**	**9.40**	**200.0**
ARITH MEAN						**1085833**	**8844000**	**19400**	**3017**	**440**	**18.0**	**8.2**	**96.3**
GEOM MEAN						**353540**	**3983669**	**10162**	**2355**	**300**	**16.7**	**8.2**	**64.3**
MINIMUM						**100000**	**180000**	**600**	**400**	**110**	**9.0**	**6.10**	**3.6**
STD DEV (GEOM *)						**3***	**5***	**4***	**2***	**2***	**6.8**	**1.0**	**64.7**
# SAMPLES (IN STATISTICS)						**12**	**10**	**11**	**12**	**9**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1150	.3	1		0.609	0.027	0.002<	1.600	0.022	0.043	0.067	1.598	1.665	876.00
MAXIMUM				**0.609**	**0.027**		**1.600**	**0.022**	**0.043**	**0.067**	**1.598**	**1.665**	**876.00**
ARITH MEAN				**0.609**	**0.027**		**1.600**	**0.022**	**0.043**	**0.067**	**1.598**	**1.665**	**876.00**
GEOM MEAN													
MINIMUM				**0.609**	**0.027**		**1.600**	**0.022**	**0.043**	**0.067**	**1.598**	**1.665**	**876.00**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)				**1**	**1**		**1**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 28 1150	.3	1		185.00	691.00	900.0	230.00	83.000	163.000		7.34		1250.00
81 02 16 1035	.3	1		464	714	580	340.00	45.50	227.0	5	5.45	5.40	2000.00
81 03 25 1145	.3	1		229	404	490	92.00	32.00	87.0	111	6.73		850
81 04 28 1300	.3	1		78	453	560	6.50	39.00	113.0	106	6.77	7.60	1320
81 05 27 1035	.3	1		77	298	420	39.00	22.00	59.0	126	7.30	8.90	675
81 06 23 1245	.3	1		84	344	420	45.00	22.00	67.0	61	7.14	7.70	1
81 07 28 1415	.3	1		107.0	344	460	32.00	38.50	87.0	92	6.87		1200
81 08 25 1115	.3	1		134.0	280	480	35.00	37.00	89.0	106	7.04		570
81 09 10 1140	.3	1		86.8	554	660	90.00	33.50	108.0	129	6.83	7.85	175
81 10 06 1150	.3	1			254	390	27.00	24.00	55.0	94	7.14	8.00	760
81 11 12 1235	.3	1		64.0	370	470	24.00	31.00	87.0	102	6.93	7.10	600
81 12 03 1135	.3	1		85.2	319	520	124.00	28.50	125.0	94	7.03	7.95	
MAXIMUM				**464**	**714**	**900.0**	**340.00**	**83.000**	**227.0**	**129**	**7.34**	**8.90**	**2000.00**
ARITH MEAN				**144**	**418**	**529**	**90.37**	**36.33**	**105.5**	**93**	**6.88**	**7.56**	**854**
GEOM MEAN				**118**	**395**	**515**	**54.35**	**33.90**	**97.2**	**76**	**6.86**	**7.50**	**434**
MINIMUM				**64.0**	**254**	**390**	**6.50**	**22.00**	**55.0**	**5**	**5.45**	**5.40**	**1**
STD DEV (GEOM *)				**117**	**155**	**139**	**99.80**	**16.38**	**48.6**	**34**	**0.49**	**1.01**	**564**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**12**	**11**	**12**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*FEUT*	*HARDT*	*COLAP*	*COD*	*DOC*	*ASUT*	*HGUT*	*ALUT*	*CRUT*	*CUUT*
81 01 28 1150	.3	1		0.800		70.000>	420		0.001<	0.050<	4.000	0.006	0.150
81 02 16 1035	.3	1		0.95	186	49.4	712	86.0		0.36			0.088
81 03 25 1145	.3	1		0.53			347	60.0		0.03			0.110
81 04 28 1300	.3	1		0.67			291	6.0		0.03 <			0.048
81 05 27 1035	.3	1		0.74		53.2	391	23.0		0.08 <			0.042
81 06 23 1245	.3	1		7.20			49	14.4		0.07 <			0.006
81 07 28 1415	.3	1		1.26			506	63.0		0.44 U			0.033
81 08 25 1115	.3	1		0.980		39.4	216	29.5		0.03 <			0.076
81 09 10 1140	.3	1		0.98		94.3	740	92.5		0.03 <			0.098
81 10 06 1150	.3	1		0.80		57.8	389	82.0		0.04 <			0.023
81 11 12 1235	.3	1		0.70		86.2	559	2.8		0.04 <			0.065
81 12 03 1135	.3	1		0.95		71.8	267	50.0		0.03 <			0.031
MAXIMUM				**7.20**	**186**	**94.3**	**740**	**92.5**		**0.44**	**4.000**	**0.006**	**0.150**
ARITH MEAN				**1.38**	**186**	**64.5**	**407**	**46.3**		**0.27**	**4.000**	**0.006**	**0.064**
GEOM MEAN				**0.99**		**61.9**	**344**	**30.4**		**0.16**			**0.049**
MINIMUM				**0.53**	**186**	**39.4**	**49**	**2.8**		**0.03**	**4.000**	**0.006**	**0.006**
STD DEV (GEOM *)				**1.84**		**20.1**	**200**	**32.9**		**0.21**			**0.042**
# SAMPLES (IN STATISTICS)				**12**	**1**	**7**	**12**	**11**		**3**	**1**	**1**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 28 1150		.3	1	0.007	0.0004	0.100	0.220	0.006	0.0005<
81 02 16 1035		.3	1	0.004		0.068		0.006	
81 03 25 1145		.3	1	0.004		0.068		0.004	
81 04 28 1300		.3	1	0.006		0.097		0.005	
81 05 27 1035		.3	1	0.020		0.037		0.004	
81 06 23 1245		.3	1	0.003<		0.020		0.0080	
81 07 28 1415		.3	1	0.003<		0.048		0.0080	
81 08 25 1115		.3	1	0.014		0.043		0.0060	
81 09 10 1140		.3	1	0.003<		0.055		0.0120	
81 10 06 1150		.3	1	0.009		0.028		0.0020	
81 11 12 1235		.3	1	0.003<		0.034		0.0080	
81 12 03 1135		.3	1	0.003		0.035		0.005	
MAXIMUM				**0.020**	**0.0004**	**0.100**	**0.220**	**0.0120**	
ARITH MEAN				**0.008**	**0.0004**	**0.053**	**0.220**	**0.006**	
GEOM MEAN				**0.007**		**0.047**		**0.005**	
MINIMUM				**0.003**	**0.0004**	**0.020**	**0.220**	**0.0020**	
STD DEV (GEOM *)				**0.006**		**0.026**		**0.002**	
# SAMPLES (IN STATISTICS)				**8**	**1**	**12**	**1**	**12**	

B.O.W./ SITE: **TWENTY MILE CREEK**
SAMPLE POINT: **21 ST STREET LOUTH TOWNSHIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02HA006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWENTY MILE CREEK**

STATION ID: **06-0024-001-02**
STORET CODE: **02 004 5040**

LAT: LONG: U.T.M: **17 0632150.0 4778780.0 4** REGION: **02** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 13 1400		.3	1	38304	4	0.120	10<	30I	0.1	9.6	0.4	0.130	0.115
81 02 19 1330		.3	1	38389	3	44.100			3.5	13.50		0.494	0.150
81 02 24 1250		.3	1	38394	3	15.400			8.0	11.80		0.234	
81 03 03 1050		.3	1	38399	3	3.900			2.0	13.50		0.178	
81 03 16 1330		.3	1	38414	5	0.646			4.0	13.40		0.095	0.061
81 03 30 1235		.3	1	38456	3	1.720			13.0	10.80		0.314	
81 04 13 1420		.3	1	38465	5	0.390			9.8	12.80		0.094	
81 04 28 1120		.3	1	38494	3	2.390			12.8	11.00		0.163	0.065
81 05 21 1330		.3	1	38544	8	0.441			17.5	10.50		0.208	
81 06 16 1300		.3	1	38573	6	0.093			26.0	9.80		0.095	0.068
81 07 28 1520		.3	1	38615	3	1.300			18.0	7.20		0.245	0.125
81 08 25 1010		.3	1	38687	8	0.361			19.4	8.60		0.035	
81 09 24 1130		.3	1	38714	3	8.910			11.5	9.20		0.412	0.250
81 10 20 1355		.3	1	38788	8	0.344			8.0	14.10		0.105	0.045
81 11 12 1110		.3	1	38802	8	0.777			1.5	13.80		0.118	0.068
81 12 03 1020		.3	1	38846	3	2.500			1.5	12.60		0.242	0.155
MAXIMUM						**44.100**		**30**	**26.0**	**14.10**	**0.4**	**0.494**	**0.250**
ARITH MEAN						**5.212**		**30**	**9.8**	**11.3**	**0.4**	**0.198**	**0.110**
GEOM MEAN						**1.255**			**5.7**	**11.1**		**0.163**	**0.096**
MINIMUM						**0.093**		**30**	**0.1**	**7.20**	**0.4**	**0.035**	**0.045**
STD DEV (GEOM *)						**11.136**			**7.6**	**2.1**		**0.124**	**0.083**
# SAMPLES (IN STATISTICS)						**16**		**1**	**16**	**16**	**1**	**16**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L
81 01 13 1400		.3	1	0.134								4.00	914.00
81 02 19 1330		.3	1	0.284	2.22	0.200	3.150	3.350	3.634	1.936	5.570	164	169
81 02 24 1250		.3	1									33	
81 03 03 1050		.3	1									8	
81 03 16 1330		.3	1	0.034	0.51	0.018	4.380	4.400	4.432	0.476	4.908	6	570
81 03 30 1235		.3	1									10	
81 04 13 1420		.3	1									6	
81 04 28 1120		.3	1	0.060	1.26	0.070	1.580	1.650	1.710	1.200	2.910	25	407
81 05 21 1330		.3	1	0.010	1.15	0.087	0.960	1.05	1.057	1.140	2.197	12	416
81 06 16 1300		.3	1	0.011	0.82	0.033	0.060	0.095	0.104	0.809	0.913	3	630
81 07 28 1520		.3	1	0.012	1.50	0.033	4.770	4.800	4.815	1.488	6.303	36.0	358
81 08 25 1010		.3	1	0.004	0.92	0.002	0.375	0.375	0.381	0.916	1.297	12.2	295
81 09 24 1130		.3	1	0.016	1.60	0.017	2.530	2.550	2.563	1.584	4.147	49.8	299
81 10 20 1355		.3	1	0.034	0.52	0.001	0.480	0.480	0.515	0.486	1.001	7.0	460
81 11 12 1110		.3	1	0.006	0.72	0.010	1.840	1.850	1.856	0.714	2.570	6.5	471
81 12 03 1020		.3	1	0.142	1.22	0.085	2.460	2.550	2.687	1.078	3.765	12.5	347
MAXIMUM				**0.284**	**2.22**	**0.200**	**4.770**	**4.800**	**4.815**	**1.936**	**6.303**	**164**	**914.00**
ARITH MEAN				**0.082**	**1.13**	**0.051**	**2.053**	**2.10**	**2.159**	**1.075**	**3.235**	**24**	**444**
GEOM MEAN				**0.028**	**1.03**	**0.022**	**1.257**	**1.34**	**1.387**	**0.983**	**2.686**	**13**	**409**
MINIMUM				**0.004**	**0.51**	**0.001**	**0.060**	**0.095**	**0.104**	**0.476**	**0.913**	**3**	**189**
STD DEV (GEOM *)				**0.086**	**0.51**	**0.059**	**1.585**	**1.59**	**1.626**	**0.461**	**1.868**	**39**	**193**
# SAMPLES (IN STATISTICS)				**12**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**16**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COND25 CONDUCT. 25C UMHO/CM AT 25 C	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 13 1400		.3	1	1220.0	229.0	8.00	8.1	0.001<	0.040<		0.001 <	0.002	0.003
81 02 19 1330		.3	1	260	45	6.97	7.10	0.001<	0.04	5.800	0.046	0.013	0.009
81 02 24 1250		.3	1				7.50		0.06 <		0.010		0.003
81 03 03 1050		.3	1				7.70		0.05 <		0.013		0.005
81 03 16 1330		.3	1	780	251	8.21	8.20	0.001<	0.04 <	0.410	0.002 <	0.003	0.003<
81 03 30 1235		.3	1				8.20		0.04 <		0.005		0.003<
81 04 13 1420		.3	1				8.65		0.04 <		0.002		0.003
81 04 28 1120		.3	1	580	122	7.95	8.20	0.001<	0.03 <	3.900	0.003	0.004	0.003<
81 05 21 1330		.3	1	610	148	8.66	8.70	0.001<	0.08 <	0.060	0.002 <	0.002	0.006
81 06 16 1300		.3	1	880	197	8.47	8.30	0.001<	0.05 <	0.044	0.0020	0.001	0.004
81 07 28 1520		.3	1	460	110	7.97		0.001<	0.04 <	2.100	0.0050	0.006	0.003<

(CONTD)

B.O.W./ SITE: **TWENTY MILE CREEK**
SAMPLE POINT: **21 ST STREET LOUTH TOWNSHIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02HA006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWENTY MILE CREEK**

STATION ID: **06-0024-001-02**
STORET CODE: **02 004 5040**

LAT: LONG: U T M: **17 0632150.0 4778780.0 4** REGION: **02** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 08 25 1010	.3	1		500	167	8.30		0.001		0.500	0.0030	0.007	0.005
81 09 24 1130	.3	1		470	126	7.85	8.00	0.001<	0.04 <	2.000	0.0180	0.007	0.003<
81 10 20 1355	.3	1		660	199	8.79	8.10	0.001<	0.04 <	0.280	0.0030	0.003	0.003<
81 11 12 1110	.3	1		700	203	8.49	7.60	0.001<	0.04 <	0.590	0.0040	0.014	0.008
81 12 03 1020	.3	1		580	152	8.06	8.30	0.001<	0.03 <	4.300	0.002	0.002	0.003
MAXIMUM				**1220.0**	**251**	**8.79**	**8.70**	**0.001**	**0.04**	**5.800**	**0.046**	**0.014**	**0.009**
ARITH MEAN				**641**	**162**	**8.14**	**8.0**	**0.001**	**0.04**	**1.817**	**0.008**	**0.005**	**0.005**
GEOM MEAN				**601**	**150**	**8.13**	**8.0**			**0.740**	**0.005**	**0.004**	**0.005**
MINIMUM				**260**	**45**	**6.97**	**7.10**	**0.001**	**0.04**	**0.044**	**0.002**	**0.001**	**0.003**
STD DEV (GEOM *)				**243**	**57**	**0.48**	**0.4**			**2.007**	**0.012**	**0.004**	**0.002**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**14**	**1**	**1**	**11**	**13**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 01 13 1400	.3	1		0.0008	0.005	20<W
81 02 19 1330	.3	1		0.0003	0.063	20<W
81 02 24 1250	.3	1			0.020	
81 03 03 1050	.3	1			0.012	
81 03 16 1330	.3	1		0.0002<	0.006	20<W
81 03 30 1235	.3	1			0.008	
81 04 13 1420	.3	1			0.002	
81 04 28 1120	.3	1		0.0002<	0.098	20<W
81 05 21 1330	.3	1		0.0002<	0.004	20<W
81 06 16 1300	.3	1		0.0001<	0.001<W	20<W
81 07 28 1520	.3	1		0.0002	0.017	20<W
81 08 25 1010	.3	1		0.0001<	0.003	
81 09 24 1130	.3	1		0.0001	0.018	20<W
81 10 20 1355	.3	1		0.0001<	0.003	20<W
81 11 12 1110	.3	1		0.0003	0.006	35
81 12 03 1020	.3	1		0.0003	0.017	20<W
MAXIMUM				**0.0008**	**0.098**	
ARITH MEAN				**0.0003**	**0.018<A**	
GEOM MEAN				**0.0003**	**0.009<A**	
MINIMUM				**0.0001**	**0.001**	
STD DEV (GEOM *)				**0.0002**	**0.026<A**	
# SAMPLES (IN STATISTICS)				**6**	**16**	

B.O.W / SITE: **TWENTY MILE CREEK**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM OF SMITHVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWENTY MILE CREEK**

STATION ID: **06-0024-002-02**
STORET CODE: **02 004 5040**

LAT: LONG: U T M: **17 0619070.0 4771750.0 4** REGION: **02** DISTANCE: **28.163**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1020	.3	1		38336	6	12700C	110000	940	1500>	1.5	10.2	3.2	0.316
81 02 16 0925	.3	1		38378	4 3					3.5	7.20		0.240
81 03 25 0935	.3	1		38419	6					4.2	12.60		0.061
81 04 28 1005	.3	1		38492	3					12.0	9.80		0.137
81 05 27 0910	.3	1		38555	7					17.0	5.00		0.090
81 06 23 1040	.3	1		38575	3					18.0	4.80		0.065
81 07 28 1550	.3	1		38617	3					18.0	5.90		0.458
81 08 25 0930	.3	1		38688	3					19.0	7.10		0.030
81 09 10 0920	.3	1		38693	3					17.2	6.20		0.342
81 10 06 0930	.3	1		38740	3					9.5	8.40		0.202
81 11 12 1000	.3	1		38800	8					3.0	13.20		0.072
81 12 03 0925	.3	1		38844	3					4.0	11.00		0.138
MAXIMUM						**12700**	**110000**	**940**		**19.0**	**13.20**	**3.2**	**0.458**
ARITH MEAN						**12700**	**110000**	**940**		**10.6**	**8.4**	**3.2**	**0.179**
GEOM MEAN										**7.8**	**8.0**		**0.134**
MINIMUM						**12700**	**110000**	**940**		**1.5**	**4.80**	**3.2**	**0.030**
STD DEV (GEOM *)										**7.0**	**2.8**		**0.135**
# SAMPLES (IN STATISTICS)						**1**	**1**	**1**		**12**	**12**	**1**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1020	.3	1		0.056	0.410	3.020	0.081	2.020		2.511	2.610	5.121	801.0
81 02 16 0925	.3	1		0.120	0.410	1.25	0.059	2.290	2.350	2.759	0.840	3.599	
81 03 25 0935	.3	1		0.034	0.068	0.62	0.014	2.890	2.900	2.972	0.552	3.524	
81 04 28 1005	.3	1		0.047	0.052	1.02	0.022	1.280	1.300	1.354	0.968	2.322	
81 05 27 0910	.3	1		0.055	0.052	0.84	0.020	0.005<T	0.020	0.077	0.788	0.865	
81 06 23 1040	.3	1		0.029	0.006	0.32	0.003	0.445	0.450	0.454	0.314	0.768	
81 07 28 1550	.3	1		0.250	0.008	1.42	0.033	4.370	4.400	4.411	1.412	5.823	
81 08 25 0930	.3	1			0.006	0.75	0.002	0.560	0.560	0.568	0.744	1.312	
81 09 10 0920	.3	1		0.210	0.008	1.25	0.020	1.280	1.300	1.308	1.242	2.550	
81 10 06 0930	.3	1		0.145	0.006	0.90	0.010	1.990	2.000	2.006	0.894	2.900	
81 11 12 1000	.3	1		0.063	0.006	0.55	0.014	1.890	1.900	1.910	0.544	2.454	
81 12 03 0925	.3	1		0.077	0.100	0.95	0.072	2.730	2.800	2.902	0.850	3.752	
MAXIMUM				**0.250**	**0.410**	**3.020**	**0.081**	**4.370**	**4.400**	**4.411**	**2.610**	**5.823**	**801.0**
ARITH MEAN				**0.099**	**0.094**	**1.07**	**0.029**	**1.812<A**	**1.816**	**1.936**	**0.980**	**2.916**	**801.0**
GEOM MEAN				**0.078**	**0.028**	**0.92**	**0.018**	**1.017<A**	**1.095**	**1.346**	**0.857**	**2.472**	
MINIMUM				**0.029**	**0.006**	**0.32**	**0.002**	**0.005**	**0.020**	**0.077**	**0.314**	**0.768**	**801.0**
STD DEV (GEOM *)				**0.074**	**0.151**	**0.68**	**0.027**	**1.211<A**	**1.279**	**1.268**	**0.593**	**1.565**	
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*FWPH*
81 01 28 1020		.3	1	13.0	788.0	1140.0	5.30	89.000	7.62	
81 02 16 0925		.3	1	22	221		42.00	37.00	7.10	6.30
81 03 25 0935		.3	1	4	547		4.90	70.00	8.01	
81 04 28 1005		.3	1	24	424		1.30	65.00	7.81	7.60
81 05 27 0910		.3	1	5	603		2.60	62.00	7.88	7.40
81 06 23 1040		.3	1	25	179		5.80	19.50	8.39	7.00
81 07 28 1550		.3	1	75.0	551		38.00	37.00	7.55	
81 08 25 0930		.3	1	9.4	375		1.10	28.50	7.92	
81 09 10 0920		.3	1	26.5	253		21.00	19.50	7.61	7.55
81 10 06 0930		.3	1				3.90	43.50	7.96	7.60
81 11 12 1000		.3	1	7.5	461		4.20	35.00	8.29	7.40
81 12 03 0925		.3	1	8.6	359		610.00	33.50	8.01	7.90
MAXIMUM				**75.0**	**788.0**	**1140.0**	**610.00**	**89.000**	**8.39**	**7.90**
ARITH MEAN				**20**	**432**	**1140.0**	**61.67**	**44.95**	**7.85**	**7.34**
GEOM MEAN				**14**	**396**		**8.70**	**40.41**	**7.84**	**7.33**
MINIMUM				**4**	**179**	**1140.0**	**1.10**	**19.50**	**7.10**	**6.30**
STD DEV (GEOM *)				**20**	**182**		**173.27**	**21.71**	**0.35**	**0.49**
# SAMPLES (IN STATISTICS)				**11**	**11**	**1**	**12**	**12**	**12**	**8**

B.O.W./ SITE: **TWENTY MILE CREEK**
SAMPLE POINT: **HIGHWAY 20 DOWNSTREAM OF SMITHVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWENTY MILE CREEK**

STATION ID: **06-0024-004-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M: **17 0621100.0 4770400.0 4** REGION: **02** DISTANCE: **24.944**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1030		.3	1	38337	6	82000C	2020000	290	15000>	1.0	10.4	5.5	0.780
81 02 16 0935		.3	1	38379	3	1700	5100	10<	100A	3.0	7.30	3.0	0.242
81 03 25 0945		.3	1	38420	3 6	41000	160000	540	560	3.0	9.50	2.8	0.719
81 04 28 1015		.3	1	38493	3	4400	30000>	660	540	12.0	8.40	3.4	0.220
81 05 27 0915		.3	1	38556	3	1200A	37000	40A	240	18.0	5.80	2.0	0.318
81 06 23 1055		.3	1	38576	3	200000	360000	11000	12600	18.0	4.00	56.0	0.165
81 07 28 1545		.3	1	38616	3	62000A	550000	25000	25000	18.0	6.30	1.8	0.315
81 08 25 0940		.3	1	38689	3	1900A	65000	330	150	19.2	6.60	1.0	0.048
81 09 10 0935		.3	1	38694	3	3800	15000>	330	790	17.4	6.30	1.4	0.352
81 10 06 0945		.3	1	38741	3	1500A	53000	260	390	10.0	8.20	1.2	0.220
81 11 12 1015		.3	1	38801	8	1800	2400	340	1500>	1.0	11.00	1.2	0.120
81 12 03 0940		.3	1	38845	3	17000	160000	710	2700	2.5	10.60	3.6	0.350
MAXIMUM						**200000**	**2020000**	**25000**	**25000**	**19.2**	**11.00**	**56.0**	**0.780**
ARITH MEAN						**34858**	**341250**	**3591**	**4307**	**10.3**	**7.8**	**6.9**	**0.321**
GEOM MEAN						**8403**	**83242**	**643**	**882**	**6.5**	**7.5**	**2.8**	**0.255**
MINIMUM						**1200**	**2400**	**40**	**100**	**1.0**	**4.00**	**1.0**	**0.048**
STD DEV (GEOM *)						**6***	**8***	**6***	**6***	**7.7**	**2.1**	**15.5**	**0.221**
# SAMPLES (IN STATISTICS)						**12**	**10**	**11**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1030		.3	1	0.550	3.800	6.450	0.170	1.980		5.950	2.650	8.600	702.0
81 02 16 0935		.3	1	0.120	0.500	1.48	0.057	2.130	2.250	2.687	0.980	3.667	
81 03 25 0945		.3	1	0.650	1.630	3.55	0.030	2.020	2.050	3.680	1.920	5.600	
81 04 28 1015		.3	1	0.070	0.202	1.42	0.140	1.31	1.450	1.652	1.218	2.870	
81 05 27 0915		.3	1	0.100	0.006	1.26	0.002	0.375	0.375	0.383	1.254	1.637	
81 06 23 1055		.3	1	0.003	0.006	1.70	0.006	0.035	0.040	0.047	1.694	1.741	
81 07 28 1545		.3	1	0.165	0.008	1.38	0.017	3.480	3.500	3.505	1.372	4.877	
81 08 25 0940		.3	1		0.006	0.55	0.002	0.560	0.560	0.568	0.544	1.112	
81 09 10 0935		.3	1	0.220	0.006	1.22	0.015	1.380	1.400	1.401	1.214	2.615	
81 10 06 0945		.3	1	0.120	0.002<T	1.20	0.001	2.250	2.250	2.253	1.198	3.451	
81 11 12 1015		.3	1	0.068	0.006	0.90	0.150	1.700	1.850	1.856	0.894	2.750	
81 12 03 0940		.3	1	0.225	0.386	1.78	0.120	2.55	2.650	3.056	1.394	4.450	
MAXIMUM				**0.650**	**3.800**	**6.450**	**0.170**	**3.480**	**3.500**	**5.950**	**2.650**	**8.600**	**702.0**
ARITH MEAN				**0.208**	**0.546<A**	**1.90**	**0.059**	**1.64**	**1.670**	**2.253**	**1.361**	**3.614**	**702.0**
GEOM MEAN				**0.118**	**0.042<A**	**1.54**	**0.020**	**1.11**	**1.106**	**1.411**	**1.269**	**3.124**	
MINIMUM				**0.003**	**0.002**	**0.55**	**0.001**	**0.035**	**0.040**	**0.047**	**0.544**	**1.112**	**702.0**
STD DEV (GEOM *)				**0.206**	**1.126<A**	**1.60**	**0.066**	**0.98**	**1.041**	**1.667**	**0.539**	**2.069**	
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**11**	**12**	**12**	**12**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 28 1030		.3	1	22.0	680.0	980.0	6.80	96.000		7.31			
81 02 16 0935		.3	1	25	221	340	43.00	36.00	68	7.05	6.50	0.003	0.003<
81 03 25 0945		.3	1	18	595	960	15.00	87.00	167	7.61		0.001<	0.003<
81 04 28 1015		.3	1	56	434	660	28.00	72.00	138	7.67	7.60	0.003	0.003<
81 05 27 0915		.3	1	99	663	840	58.00	65.00	182	8.14	7.80	0.006	0.020
81 06 23 1055		.3	1	72	375	470	44.00	31.50	101	6.98	6.60	0.021	0.003<
81 07 28 1545		.3	1	50.0	486	680	3.80	49.00	162	7.68		0.005	0.017
81 08 25 0940		.3	1	55.0	381	580	6.80	28.50	193	7.96		0.008	0.003<
81 09 10 0935		.3	1	32.9	247	395	28.00	20.50	118	7.72	7.60	0.010	0.003<
81 10 06 0945		.3	1			660	5.10	39.00	191	7.89	7.55	0.008	0.004<
81 11 12 1015		.3	1	10.3	479	720	10.60	34.00	219	8.19	7.30	0.014	0.008
81 12 03 0940		.3	1	19.9	438	760	47.00	69.00	169	7.73	8.00	0.005	0.003<
MAXIMUM				**99**	**680.0**	**980.0**	**58.00**	**96.000**	**219**	**8.19**	**8.00**	**0.021**	**0.020**
ARITH MEAN				**41**	**454**	**670**	**24.67**	**52.29**	**155**	**7.66**	**7.37**	**0.008**	**0.015**
GEOM MEAN				**34**	**429**	**639**	**16.98**	**46.99**	**148**	**7.65**	**7.35**	**0.007**	**0.014**
MINIMUM				**10.3**	**221**	**340**	**3.80**	**20.50**	**68**	**6.98**	**6.50**	**0.003**	**0.008**
STD DEV (GEOM *)				**27**	**150**	**202**	**19.28**	**24.75**	**45**	**0.38**	**0.54**	**0.006**	**0.006**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**11**	**12**	**8**	**10**	**3**

(CONTD)

B.O.W./ SITE: **TWENTY MILE CREEK**
SAMPLE POINT: **HIGHWAY 20 DOWNSTREAM OF SMITHVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TWENTY MILE CREEK**

STATION ID: **06-0024-004-02**
STORET CODE: **02 004 5130**

LAT: LONG: U.T.M: **17 0621100.0 4770400.0 4** REGION: **02** DISTANCE: **24.944**

TEST-NAME: *ZNUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 02 16 0935		.3	1	0.015
81 03 25 0945		.3	1	0.003
81 04 28 1015		.3	1	0.046
81 05 27 0915		.3	1	0.020
81 06 23 1055		.3	1	0.046
81 07 28 1545		.3	1	0.016
81 08 25 0940		.3	1	0.012
81 09 10 0935		.3	1	0.016
81 10 06 0945		.3	1	0.015
81 11 12 1015		.3	1	0.011
81 12 03 0940		.3	1	0.012
MAXIMUM				**0.046**
ARITH MEAN				**0.019**
GEOM MEAN				**0.015**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.014**
# SAMPLES (IN STATISTICS)				**11**

B.O.W / SITE: **BRONTE CREEK**
SAMPLE POINT: **HIGHWAY 2, BRONTE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-001-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M: **17 0604125.0 4804925.0 4** REGION: **03** DISTANCE: **0.644**

TEST-NAME: *SAMPLE* *FWSTRC* *TCMF* *TCMFBK* *FCMF* *FSMF* *FWTEMP* *DO* *BOD5* *PPUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1400		.3	1	37208	4	4200C	240000>	70I	280	0.0	12.2	2.2	0.058
81 02 26 1500		.3	1	37223	8					2.0	13.4	0.3	0.042
81 03 25 1430		.3	1	37238	8	20I	300	4<	4	4.5	14.2	0.6	0.016
81 04 29 1345		.3	1	37253	8	380C	6300	70I	30I	11.5	12.6	0.9	0.009
81 05 25		.3	1	37268	8	580A	8400	50A	60A	19.0	7.1	1.0	0.048
81 06 29 1350		.3	1	37283	8	510A	12000	160	130	21.5	8.30	0.8	0.058
81 07 27 0954		.3	1	37298	8	1400	18500	240	390	20.0	7.80	1.2	0.045
81 08 30 1930		.3	1	37314	8	33000A	510000	1900	6300	20.0	8.40	2.0	0.290
81 09 28 1500		.3	1	37329	8	1700	24000	100A	100A	14.0	10.20	0.2	0.028
81 10 29 1335		.3	1	37344	8	2000	26000	210	500	7.5	11.50	0.4	0.075
81 11 24 1545		.3	1	37359	8	400A	9000	70A	210	1.5	14.00	0.4	0.175
81 12 21 1600		.3	1	37374	4 8	280	1780	10A	10<	0.0		0.8	0.070
MAXIMUM						**33000**	**510000**	**1900**	**6300**	**21.5**	**14.2**	**2.2**	**0.290**
ARITH MEAN						**4043**	**61628**	**288**	**800**	**12.1**	**10.8**	**0.9**	**0.076**
GEOM MEAN						**849**	**10604**	**110**	**152**	**8.8**	**10.5**	**0.7**	**0.051**
MINIMUM						**20**	**300**	**10**	**4**	**1.5**	**7.1**	**0.2**	**0.009**
STD DEV (GEOM *)						**6***	**7***	**4***	**7***	**7.9**	**2.6**	**0.6**	**0.080**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**10**	**10**	**11**	**12**	**12**

TEST-NAME: *PPO4FR* *NNHTFR* *NNTKUR* *NNO2FR* *NNO3FR* *NNOTFR* *NNTIFR* *NNKUR* *NNKI* *RST*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 27 1400		.3	1	0.029	0.168	0.720	0.029	2.020		2.217	0.552	2.769	1972.0
81 02 26 1500		.3	1	0.012	0.044	0.450	0.010	1.440		1.494	0.406	1.900	331.0
81 03 25 1430		.3	1	0.002	0.010	0.370	0.003	1.450		1.463	0.360	1.823	398.0
81 04 29 1345		.3	1	0.001<	0.024	0.250	0.004	0.551		0.579	0.226	0.805	384.0
81 05 25		.3	1	0.007	0.012	0.52			0.640		0.508	1.160	353
81 06 29 1350		.3	1	0.010	0.004	0.50	0.001	0.549	0.550	0.554	0.496	1.050	348
81 07 27 0954		.3	1	0.012	0.004	0.72	0.004	0.605	0.610	0.613	0.716	1.329	394
81 08 30 1930		.3	1	0.100	0.010	0.40	0.006	0.845	0.850	0.861	0.390	1.251	332
81 09 28 1500		.3	1	0.004	0.006	0.55	0.046	0.825	0.870	0.877	0.544	1.421	349
81 10 29 1335		.3	1	0.029	0.062	0.70	0.007	1.140	1.150	1.209	0.638	1.847	412
81 11 24 1545		.3	1	0.145	0.014	0.54	0.003	1.200	1.200	1.217	0.526	1.743	329
81 12 21 1600		.3	1	0.009	0.006	0.60	0.041	1.610	1.650	1.657	0.594	2.251	474
MAXIMUM				**0.145**	**0.168**	**0.72**	**0.046**	**2.020**	**1.650**	**2.217**	**0.716**	**2.769**	**1972.0**
ARITH MEAN				**0.033**	**0.030**	**0.52**	**0.014**	**1.112**	**0.940**	**1.158**	**0.496**	**1.612**	**506**
GEOM MEAN				**0.015**	**0.015**	**0.50**	**0.007**	**1.016**	**0.881**	**1.052**	**0.477**	**1.527**	**426**
MINIMUM				**0.002**	**0.004**	**0.250**	**0.001**	**0.549**	**0.550**	**0.554**	**0.226**	**0.805**	**329**
STD DEV (GEOM *)				**0.046**	**0.047**	**0.14**	**0.016**	**0.484**	**0.374**	**0.524**	**0.133**	**0.553**	**463**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**8**	**11**	**12**	**12**	**12**

TEST-NAME: *RSP* *RSF* *COND25* *TURB* *CLIDUR* *ALKT* *PH* *FWPH* *PHNOL* *FEUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 27 1400		.3	1	14.0		720.0	4.90	62.000		7.94	8.4		
81 02 26 1500		.3	1	25.0		495.0	11.00	29.500		8.21	7.8		
81 03 25 1430		.3	1	4.0		600.0	3.00	33.000		8.32	7.2		
81 04 29 1345		.3	1	12.0		580.0	4.30	36.500		7.99	7.6		
81 05 25		.3	1		338	560	9.50	36.00	206	8.27	8.4		
81 06 29 1350		.3	1		348	520	9.50	35.50	177	8.21	8.25		
81 07 27 0954		.3	1		376	540	1.39	35.00	185	8.09	8.30		
81 08 30 1930		.3	1				1.20	29.00	150	8.10	8.00	1<T	3.75
81 09 28 1500		.3	1	10.8		560	2.10	31.00	227	8.35	8.40	1<T	0.35
81 10 29 1335		.3	1	36.4		560	22.00	29.50	228	8.31	7.90	1<T	1.70
81 11 24 1545		.3	1	5.6		600	5.30	31.50	247	8.45	8.70	1<T	0.32
81 12 21 1600		.3	1	44.9		690	22.00	37.50	264	8.39	7.80	1<T	0.86

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
MAXIMUM				44.9	376	720.0	22.00	62.000	264	8.45	8.70	1	3.75
ARITH MEAN				19.1	354	584	8.02	35.50	210	8.22	8.0	1<A	1.40
GEOM MEAN				14.2	354	580	5.38	34.73	207	8.22	8.0	1<A	0.91
MINIMUM				4.0	338	495.0	1.20	29.00	150	7.94	7.2	1	0.32
STD DEV (GEOM *)				14.9	20	67	7.30	8.86	38	0.16	0.4	0<A	1.43
# SAMPLES (IN STATISTICS)				8	3	11	12	12	8	12	12	5	5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 05 25		.3	1	0.002	0.003<	0.006
81 08 30 1930		.3	1	0.006	0.007	0.036
81 09 28 1500		.3	1	0.004	0.003<	0.005
81 10 29 1335		.3	1	0.007	0.005	0.012
81 11 24 1545		.3	1	0.026	0.007	0.010
81 12 21 1600		.3	1	0.011	0.003<	0.012
MAXIMUM				0.026	0.007	0.036
ARITH MEAN				0.009	0.006	0.013
GEOM MEAN				0.007	0.006	0.011
MINIMUM				0.002	0.005	0.005
STD DEV (GEOM *)				0.009	0.001	0.011
# SAMPLES (IN STATISTICS)				6	3	6

B.O.W./ SITE: **BRONTE CREEK**
SAMPLE POINT: **APPLEBY LINE BURLINGTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-002-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M.: **17 0594500.0 4808450.0 4** REGION: **03** DISTANCE: **14.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1510		.3	1	37205	4	0.560	12000	250000	96	320	0.0	12.6	1.6
81 02 26 1330		.3	1	37220	8	7.200					4.0	13.6	0.6
81 03 25 1630		.3	1	37235	8	2.020	20I	340	4<	4	7.3	13.5	0.5
81 04 29 1645		.3	1	37250	8	2.520	290C	6400	10I	30I	11.5	11.0	0.8
81 05 25 1230		.3	1	37265	8	0.973	370A	11400	80	124	19.0	10.40	0.6
81 06 29 1435		.3	1	37280	8	0.639	240	5300	70A	100	26.0	10.80	0.2
81 07 27 1350		.3	1	37295	8	0.738	260A	11200	70A	90A	21.5	11.2	0.4
81 08 30 1600		.3	1	37311	8	1.820	57000A	610000	13600	19000	19.0	8.80	0.8
81 09 28 1340		.3	1	37326	8	1.880	660	4400	40A	40A	13.0	12.80	0.2 <T
81 10 29 1210		.3	1	37341	8	5.130	1400	22000	110	340	7.0	11.80	0.8
81 11 24 1440		.3	1	37356	8	3.370	380	2600	30A	80A	2.0	14.40	0.2 <T
81 12 21 1345		.3	1	37371	4 8	1.800	320	2280	10A	10A	0.0	9.00	3.300
MAXIMUM						7.200	57000	610000	13600	19000	26.0	14.40	3.300
ARITH MEAN						2.387	6631	84175	1412	1831	13.0	11.6	0.8 <A
GEOM MEAN						1.779	660	10233	76	99	10.2	11.5	0.5 <A
MINIMUM						0.560	20	340	10	4	2.0	8.80	0.2
STD DEV (GEOM *)						1.998	8*	8*	8*	9*	8.1	1.7	0.8 <A
# SAMPLES (IN STATISTICS)						12	11	11	10	11	10	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 27 1510		.3	1	0.073	0.047	0.294	0.890	0.039	2.110		2.443	0.596	3.039
81 02 26 1330		.3	1	0.040	0.011	0.034	0.400	0.010	1.490		1.534	0.366	1.900
81 03 25 1630		.3	1	0.017	0.002	0.014	0.390	0.005	1.450		1.469	0.376	1.845
81 04 29 1645		.3	1	0.010	0.001	0.024	0.260	0.004	0.716		0.744	0.236	0.980
81 05 25 1230		.3	1	0.013	0.001	0.040	0.38	0.012	1.040	1.050	1.092	0.340	1.432
81 06 29 1435		.3	1	0.020	0.005	0.004	0.45	0.008	0.820	0.830	0.832	0.446	1.278
81 07 27 1350		.3	1	0.021	0.006	0.008	0.52	0.020	0.740	0.760	0.768	0.512	1.280
81 08 30 1600		.3	1	0.170	0.023	0.006	0.60	0.007	0.990	1.000	1.003	0.594	1.597
81 09 28 1340		.3	1	0.018	0.003	0.020	0.50	0.020	0.850	0.860	0.890	0.480	1.370
81 10 29 1210		.3	1	0.178	0.135	0.016	0.65	0.004	1.000	1.000	1.020	0.634	1.654
81 11 24 1440		.3	1	0.032	0.003	0.008	0.48	0.003	1.250	1.250	1.261	0.472	1.733
81 12 21 1345		.3	1	0.011	0.002	0.030	0.54	0.004	1.600	1.600	1.634	0.510	2.144
MAXIMUM				0.178	0.135	0.294	0.890	0.039	2.110	1.600	2.443	0.634	3.039
ARITH MEAN				0.050	0.020	0.041	0.50	0.011	1.171	1.044	1.224	0.483	1.688
GEOM MEAN				0.030	0.006	0.019	0.48	0.008	1.109	1.016	1.150	0.448	1.621
MINIMUM				0.010	0.001	0.004	0.260	0.003	0.716	0.760	0.744	0.236	0.980
STD DEV (GEOM *)				0.060	0.039	0.080	0.16	0.011	0.421	0.271	0.488	0.118	0.532
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	8	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 27 1510		.3	1	446.0	5.0	441.0	680.0		43.500		8.09	8.0	
81 02 26 1330		.3	1	318.0	14.0	304.0	490		27.500		8.13	8.2	
81 03 25 1630		.3	1	389.0	7.0	382.0	580.0		30.500		8.51	6.9	
81 04 29 1645		.3	1	369.0	6.0	363.0	560.0		30.000		8.14	7.5	
81 05 25 1230		.3	1	370		367	580	1.50	32.00	225	8.49	8.50	
81 06 29 1435		.3	1	376		369	540	2.30	32.00	194	8.66	8.80	
81 07 27 1350		.3	1	363		359	540	1.24	30.50	187	8.62	8.80	
81 08 30 1600		.3	1	433		316	490	36.00	27.50	197	8.22	7.80	0.006
81 09 28 1340		.3	1	355		352	560	0.58	28.50	230	8.62	8.70	0.005
81 10 29 1210		.3	1	377		360	540	8.10	27.50	230	8.39	7.90	0.003
81 11 24 1440		.3	1	378		376	585	3.70	28.00	248	8.52	8.70	0.008

(CONTD)

B.O.W./ SITE: **BRONTE CREEK**
SAMPLE POINT: **APPLEBY LINE BURLINGTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB011**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-002-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M: **17 0594500.0 4808450.0 4** REGION: **03** DISTANCE: **14.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 12 21 1345	.3		1	404		400	650	2.40	31.00	257	8.54	8.60	0.006
MAXIMUM				**446.0**	**14.0**	**441.0**	**680.0**	**36.00**	**43.500**	**257**	**8.66**	**8.80**	**0.008**
ARITH MEAN				**381**	**8.0**	**365**	**566**	**6.98**	**30.70**	**221**	**8.41**	**8.2**	**0.006**
GEOM MEAN				**380**	**7.4**	**364**	**563**	**2.99**	**30.46**	**220**	**8.41**	**8.1**	**0.005**
MINIMUM				**318.0**	**5.0**	**304.0**	**490**	**0.58**	**27.500**	**187**	**8.09**	**6.9**	**0.003**
STD DEV (GEOM *)				**34**	**4.1**	**35**	**56**	**11.96**	**4.37**	**26**	**0.21**	**0.6**	**0.002**
# SAMPLES (IN STATISTICS)				**12**	**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 30 1600	.3		1	0.003<	0.019
81 09 28 1340	.3		1	0.003<	0.005
81 10 29 1210	.3		1	0.009	0.022
81 11 24 1440	.3		1	0.008	0.065
81 12 21 1345	.3		1	0.003<	0.005
MAXIMUM				**0.009**	**0.065**
ARITH MEAN				**0.008**	**0.023**
GEOM MEAN				**0.008**	**0.015**
MINIMUM				**0.008**	**0.005**
STD DEV (GEOM *)				**0.001**	**0.025**
# SAMPLES (IN STATISTICS)				**2**	**5**

B.O.W./ SITE: **MOUNTSBERG CREEK**
SAMPLE POINT: **AT COUNTY ROAD 18**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-003-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M: **17 0578250.0 4810300.0 4** REGION: **02** DISTANCE: **43.612**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1230	.3		1	37212	8	240	1500	4<	4<	0.5	9.4	0.6	0.015
81 02 26 1020	.3		1	37227	8					0.5	10.7	0.4	0.020
81 03 25 1540	.3		1	37242	8	60I	1300	8	4<	7.5	11.8	0.9	0.019
81 04 29 1515	.3		1	37257	8	280C	1500>	10<	10<	11.0	10.8	1.0	0.022
81 05 25 1520	.3		1	37272	8	1440A	11200	70A	40A	18.0		0.6	0.060
81 06 29 0800	.3		1	37287	8	1200A	30000	90A	970	18.0	7.80	0.6	0.046
81 07 27 1640	.3		1	37302	8	1600	20000	210	1500>	21.5	7.70	0.6	0.055
81 08 30 1630	.3		1	37318	8	41000A	350000	1100	2900	18.5	6.40	1.2	0.050
81 09 28 1055	.3		1	37333	8	2100	7200	40A	1100	11.5	9.80	0.4	0.090
81 10 29 1555	.3		1	37348	8	200A	3300	10<	280	7.0	10.40	0.6	0.370
81 11 24 1120	.3		1	37363	8	370A	5100	10<	10A	0.5	12.40	0.2<T	0.208
81 12 21 1040	.3		1	37378	8	240	1740	4<	4	0.0	14.00	0.2<T	0.018
MAXIMUM						**41000**	**350000**	**1100**	**2900**	**21.5**	**14.00**	**1.2**	**0.370**
ARITH MEAN						**4430**	**43134**	**253**	**758**	**10.4**	**10.1**	**0.6<A**	**0.081**
GEOM MEAN						**691**	**7917**	**88**	**146**	**5.4**	**9.8**	**0.5<A**	**0.047**
MINIMUM						**60**	**1300**	**8**	**4**	**0.5**	**6.40**	**0.2**	**0.015**
STD DEV (GEOM *)						**6***	**6***	**5***	**13***	**7.9**	**2.2**	**0.3<A**	**0.105**
# SAMPLES (IN STATISTICS)						**11**	**10**	**6**	**7**	**11**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1230	.3		1	0.004	0.168	0.820	0.029	0.311		0.508	0.652	1.160	517.0
81 02 26 1020	.3		1	0.007	0.068	0.520	0.015	1.390		1.473	0.452	1.925	285.0
81 03 25 1540	.3		1	0.002	0.034	0.450	0.005	0.315		0.354	0.416	0.770	280.0
81 04 29 1515	.3		1	0.002	0.028	0.510	0.004	0.066		0.098	0.482	0.580	294.0
81 05 25 1520	.3		1	0.021	0.004	0.70	0.034	0.335	0.370	0.373	0.696	1.069	253
81 06 29 0800	.3		1	0.017	0.004	0.60	0.002	0.170	0.170	0.176	0.596	0.772	249
81 07 27 1640	.3		1	0.025	0.004	0.65	0.001	0.220	0.220	0.225	0.646	0.871	207
81 08 30 1630	.3		1	0.022	0.002	0.88	0.011	0.270	0.280	0.283	0.878	1.161	267
81 09 28 1055	.3		1	0.015	0.008	1.05	0.002	0.180	0.180	0.190	1.042	1.232	235
81 10 29 1555	.3		1	0.320	0.040	0.85	0.005	0.170	0.175	0.215	0.810	1.025	376
81 11 24 1120	.3		1	0.115	0.008	0.58	0.001	0.145	0.145	0.154	0.572	0.726	292
81 12 21 1040	.3		1	0.003	0.018	0.55	0.009	0.090	0.100	0.117	0.532	0.649	379
MAXIMUM				**0.320**	**0.168**	**1.05**	**0.034**	**1.390**	**0.370**	**1.473**	**1.042**	**1.925**	**517.0**
ARITH MEAN				**0.046**	**0.032**	**0.68**	**0.010**	**0.305**	**0.205**	**0.347**	**0.648**	**0.995**	**302**
GEOM MEAN				**0.013**	**0.014**	**0.65**	**0.005**	**0.219**	**0.191**	**0.256**	**0.625**	**0.943**	**293**
MINIMUM				**0.002**	**0.002**	**0.450**	**0.001**	**0.066**	**0.100**	**0.098**	**0.416**	**0.580**	**207**
STD DEV (GEOM *)				**0.092**	**0.047**	**0.18**	**0.011**	**0.353**	**0.085**	**0.374**	**0.185**	**0.365**	**84**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 28 1230		.3	1	22.0	495.0	740.0		29.500		8.03	7.3		
81 02 26 1020		.3	1	0.2	285.0	455.0		19.000		7.79	7.2		
81 03 25 1540		.3	1	2.0	278.0	455.0		22.000		8.10	6.8		
81 04 29 1515		.3	1	6.0	288.0	460.0		21.500		8.06	7.4		
81 05 25 1520		.3	1		247	470	1.50	23.00	189	8.19			
81 06 29 0800		.3	1		241	370	0.72	23.50	136	8.10	8.20		
81 07 27 1640		.3	1		202	320	0.43	23.00	110	7.94	8.80		
81 08 30 1630		.3	1		258	390	1.65	25.00	147	7.79	7.70	0.001	0.003<
81 09 28 1055		.3	1		231	335	4.60	19.50	126	8.90	8.40	0.003	0.003<
81 10 29 1555		.3	1		372	420	0.78	20.50	179	8.27	8.00	0.005	0.009
81 11 24 1120		.3	1		291	465	1.31	22.50	207	8.32	8.80	0.011	0.004
81 12 21 1040		.3	1		377	600	1.38	26.00	267	8.53	8.40	0.013	0.003<
MAXIMUM				**22.0**	**495.0**	**740.0**	**4.60**	**29.500**	**267**	**8.90**	**8.80**	**0.013**	**0.009**
ARITH MEAN				**7.5**	**297**	**456**	**1.55**	**22.91**	**170**	**8.17**	**7.9**	**0.007**	**0.006**
GEOM MEAN				**2.7**	**288**	**444**	**1.22**	**22.75**	**164**	**8.16**	**7.8**	**0.005**	**0.006**
MINIMUM				**0.2**	**202**	**320**	**0.43**	**19.000**	**110**	**7.79**	**6.8**	**0.001**	**0.004**
STD DEV (GEOM *)				**9.9**	**81**	**115**	**1.31**	**2.91**	**51**	**0.31**	**0.6**	**0.005**	**0.004**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**12**	**8**	**12**	**11**	**5**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 08 30 1630		.3	1	0.017
81 09 28 1055		.3	1	0.014
81 10 29 1555		.3	1	0.021
81 11 24 1120		.3	1	0.008
81 12 21 1040		.3	1	0.050
MAXIMUM				**0.050**
ARITH MEAN				**0.022**
GEOM MEAN				**0.018**
MINIMUM				**0.008**
STD DEV (GEOM *)				**0.016**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **MOUNTSBERG CREEK**
SAMPLE POINT: **AT HWY.401 ABOVE MOUNTSBERG RESEVOIR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-004-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M.: **17 0575050.0 4813050.0 4** REGION: **02** DISTANCE: **49.245**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1245		.3	1	37213	8	840C	5500	16	124	0.0	8.0	0.6	0.025
81 02 26 1000		.3	1	37228	8					0.5	10.1	0.4	0.022
81 03 25 1550		.3	1	37243	8	100	1400	4<	8	5.0	12.2		0.020
81 04 29 1530		.3	1	37258	8	170C	1500>	30I	30I	11.0	9.6	0.7	0.021
81 05 25 1540		.3	1	37273	8	440A	13000	70A	10<	19.0		0.8	0.052
81 06 29 0745		.3	1	37288	8	1600A	77000	220	640	16.5	7.90	0.6	0.065
81 07 27 1700		.3		37303	8	1700A	30000	220	450	19.0	8.60	0.8	0.090
81 08 30 1645		.3	1	37319	8	83000A	540000	2900	5800	17.0	6.80	1.4	0.090
81 09 28 1050		.3	1	37334	8	3800	18000	80A	140A	10.5	9.40	0.4	0.055
81 10 29 1610		.3	1	37349	8	500A	13300	20A	40A	6.5	8.20	1.8	0.322
81 11 24 1050		.3	1	37364	8	270	2600	30A	40A	0.0	11.00	0.4	0.320
81 12 21 1030		.3	1	37379	8	250A	8000	10<	10<	0.0	9.00	1.0	0.025
MAXIMUM						**83000**	**540000**	**2900**	**5800**	**19.0**	**12.2**	**1.8**	**0.322**
ARITH MEAN						**8425**	**70880**	**398**	**808**	**11.7**	**9.1**	**0.8**	**0.092**
GEOM MEAN						**858**	**15113**	**85**	**131**	**8.3**	**9.0**	**0.7**	**0.056**
MINIMUM						**100**	**1400**	**16**	**8**	**0.5**	**6.80**	**0.4**	**0.020**
STD DEV (GEOM *)						**6***	**6***	**5***	**7***	**6.7**	**1.5**	**0.4**	**0.110**
# SAMPLES (IN STATISTICS)						**11**	**10**	**9**	**9**	**9**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1245		.3	1	0.018	0.088	0.450	0.039	0.645		0.772	0.362	1.134	413.0
81 02 26 1000		.3	1	0.009	0.026	0.550	0.010	0.910		0.946	0.524	1.470	282.0
81 03 25 1550		.3	1	0.005	0.016	0.450	0.002	0.243		0.261	0.434	0.695	334.0
81 04 29 1530		.3	1	0.009	0.014	0.560	0.002	0.053		0.069	0.546	0.615	335.0
81 05 25 1540		.3	1	0.026	0.010	0.55	0.051	0.165	0.215	0.226	0.540	0.766	356
81 06 29 0745		.3	1	0.041	0.002<T	0.50	0.001	0.290	0.290	0.293	0.498	0.791	352
81 07 27 1700		.3		0.060	0.002<T	0.52	0.001	0.325	0.325	0.328	0.518	0.846	345
81 08 30 1645		.3	1	0.043	0.002	0.88	0.023	0.560	0.585	0.585	0.878	1.463	364
81 09 28 1050		.3	1	0.023	0.002	0.80	0.028	0.500	0.530	0.530	0.798	1.328	397
81 10 29 1610		.3	1	0.260	0.120	1.68	0.022	4.180	4.200	4.322	1.560	5.882	483
81 11 24 1050		.3	1	0.230	0.010	0.48	0.001	0.110	0.110	0.121	0.470	0.591	349
81 12 21 1030		.3	1	0.001<W	0.008	0.42	0.001	0.810	0.880	0.819	0.412	1.231	450
MAXIMUM				**0.260**	**0.120**	**1.68**	**0.051**	**4.180**	**4.200**	**4.322**	**1.560**	**5.882**	**483**
ARITH MEAN				**0.060<A**	**0.025<A**	**0.65**	**0.015**	**0.733**	**0.892**	**0.773**	**0.628**	**1.401**	**371**
GEOM MEAN				**0.023<A**	**0.010<A**	**0.59**	**0.008**	**0.390**	**0.474**	**0.428**	**0.576**	**1.097**	**368**
MINIMUM				**0.001**	**0.002**	**0.42**	**0.001**	**0.053**	**0.110**	**0.069**	**0.362**	**0.591**	**282.0**
STD DEV (GEOM *)				**0.088<A**	**0.038<A**	**0.35**	**0.017**	**1.120**	**1.369**	**1.153**	**0.330**	**1.448**	**55**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **MOUNTSBERG CREEK**
SAMPLE POINT: **AT HWY.401 ABOVE MOUNTSBERG RESEVOIR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-004-02**
STORET CODE: **02 004 4430**

LAT: LONG: U T M: **17 0575050.0 4813050.0 4** REGION: **02** DISTANCE: **49.245**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 28 1245		.3	1	3.0	410.0	640.0		18.000		7.68	7.4		
81 02 26 1000		.3	1	1.0	281.0	282.0		22.000		7.75	7.45		
81 03 25 1550		.3	1	3.0	331.0	540.0		21.000		7.96	6.9		
81 04 29 1530		.3	1	3.0	332.0	540.0		22.000		7.05	7.6		
81 05 25 1540		.3	1		352	560	1.00	19.00	266	8.26			
81 06 29 0745		.3	1		348	560	2.70	15.00	253	8.12	8.10		
81 07 27 1700		.3			342	520	0.78	9.65	246	8.04	8.40		
81 08 30 1645		.3	1		356	580	2.10	34.50	210	7.75	7.30	0.002	0.003<
81 09 28 1050		.3	1		391	630	0.56	26.00	281	7.95	7.50	0.006	0.003<
81 10 29 1610		.3	1		481	740	1.06	45.00	293	7.97	7.90	0.012	0.003<
81 11 24 1050		.3	1		348	560	0.46	23.50	250	7.91	8.20	0.013	0.006
81 12 21 1030		.3	1		449	670	1.05	21.50	313	8.30	7.40	0.006	0.003<
MAXIMUM				**3.0**	**481**	**740**	**2.70**	**45.00**	**313**	**8.30**	**8.40**	**0.013**	**0.006**
ARITH MEAN				**2.5**	**368**	**568**	**1.21**	**23.09**	**264**	**7.89**	**7.6**	**0.008**	**0.006**
GEOM MEAN				**2.3**	**364**	**555**	**1.03**	**21.59**	**262**	**7.89**	**7.6**	**0.006**	
MINIMUM				**1.0**	**281.0**	**282.0**	**0.46**	**9.65**	**210**	**7.05**	**6.9**	**0.002**	**0.006**
STD DEV (GEOM *)				**1.0**	**55**	**110**	**0.78**	**9.13**	**32**	**0.33**	**0.4**	**0.005**	
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**12**	**8**	**12**	**11**	**5**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 08 30 1645		.3	1	0.029
81 09 28 1050		.3	1	0.012
81 10 29 1610		.3	1	0.014
81 11 24 1050		.3	1	0.023
81 12 21 1030		.3	1	0.028
MAXIMUM				**0.029**
ARITH MEAN				**0.021**
GEOM MEAN				**0.020**
MINIMUM				**0.012**
STD DEV (GEOM *)				**0.008**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **BRONTE CREEK**
SAMPLE POINT: **AT PROGRESTON ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB016**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-005-02**
STORET CODE: **02 004 4430**

LAT: LONG: U T M: **17 0584100.0 4805300.0 4** REGION: **02** DISTANCE: **29.450**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1000		.3	1	38306	4	0.347	160I	4600	4	56	0.4	10.3	1.0
81 02 10 0945		.3	1	38349	4	0.360	160I	1960	16	28	1.0	10.5	0.5
81 03 26 0930		.3	1	38444	6	1.030	120	1900	4<	4	5.0	12.40	
81 04 29 0925		.3	1	28502	6	1.530	470	3000>	10A	70A	12.5	11.80	
81 05 20 0940		.3	1	38533	9 5	0.782	480A	32000	50A	30A	13.0	9.10	
81 06 29 0950		.3	1	38593	5 9	0.376	450A	8600	50A	100	19.0	6.40	
81 07 29 1000		.3	1	38622	3	0.903	9300	4700	2800	3700	14.0	7.60	
81 08 11 0950		.3	1	38647	6 9	1.090	2600A	56000	350	630	18.0	7.50	
81 09 28 0950		.3	1	38716	8	1.080	2100	5200	30A	100	13.8	8.30	
81 10 19 0955		.3	1	38776	8	1.840	3800	26000	190	790	6.0	10.00	
81 11 18 0850		.3	1	38829	8	1.420	1000	4600	40A	50A	5.0	10.00	
81 12 14 0905		.3	1	38873	8 9	1.720	220	4200	10<	10<	0.5	13.80	
MAXIMUM						**1.840**	**9300**	**56000**	**2800**	**3700**	**19.0**	**13.80**	**1.0**
ARITH MEAN						**1.040**	**1738**	**13615**	**354**	**505**	**9.0**	**9.8**	**0.7**
GEOM MEAN						**0.898**	**697**	**7322**	**57**	**102**	**5.1**	**9.5**	**0.7**
MINIMUM						**0.347**	**120**	**1900**	**4**	**4**	**0.4**	**6.40**	**0.5**
STD DEV (GEOM *)						**0.519**	**4***	**3***	**7***	**7***	**6.8**	**2.1**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**11**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 14 1000		.3	1	0.013	0.002	0.108	0.600	0.011	1.890		2.009	0.492	2.501
81 02 10 0945		.3	1	0.014	0.006	0.080	0.640	0.016	1.680		1.776	0.560	2.336
81 03 26 0930		.3	1	0.011	0.001<W	0.016	0.44	0.004	1.100	1.100	1.120	0.424	1.544
81 04 29 0925		.3	1	0.011	0.001	0.028	1.16	0.009	0.695	0.705	0.732	1.132	1.864
81 05 20 0940		.3	1	0.022	0.003	0.038	0.51	0.012	0.750	0.760	0.800	0.472	1.272
81 06 29 0950		.3	1	0.026	0.034	0.004	0.58	0.003	0.095	0.100	0.102	0.576	0.678
81 07 29 1000		.3	1	0.065	0.012	0.024	0.70	0.054	0.795	0.850	0.873	0.676	1.549
81 08 11 0950		.3	1	0.085	0.021	0.010	0.82	0.002	0.920	0.920	0.932	0.810	1.742
81 09 28 0950		.3	1	0.032	0.006	0.014	0.68	0.017	0.740	0.755	0.771	0.666	1.437
81 10 19 0955		.3	1	0.058	0.005	0.026	0.60	0.005	0.550	0.555	0.581	0.574	1.155
81 11 18 0850		.3	1	0.025	0.008	0.018	0.55	0.006	1.090	1.100	1.114	0.532	1.646
81 12 14 0905		.3	1	0.020	0.001<T	0.022	0.52	0.006	0.915	0.925	0.943	0.498	1.441
MAXIMUM				**0.085**	**0.034**	**0.108**	**1.16**	**0.054**	**1.890**	**1.100**	**2.009**	**1.132**	**2.501**
ARITH MEAN				**0.032**	**0.008<A**	**0.032**	**0.65**	**0.012**	**0.935**	**0.777**	**0.979**	**0.618**	**1.597**
GEOM MEAN				**0.025**	**0.006<A**	**0.023**	**0.63**	**0.008**	**0.781**	**0.675**	**0.819**	**0.596**	**1.522**
MINIMUM				**0.011**	**0.001**	**0.004**	**0.44**	**0.002**	**0.095**	**0.100**	**0.102**	**0.424**	**0.678**
STD DEV (GEOM *)				**0.024**	**0.010<A**	**0.031**	**0.18**	**0.014**	**0.479**	**0.292**	**0.506**	**0.193**	**0.492**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	COD CHEM. OX DEMAND MG/L AS O
81 01 14 1000		.3	1	468.0	3.0	465.0	720.0	1.30	27.000	7.88	7.8		
81 02 10 0945		.3	1	473.0	2.0	471.0	740.0	1.10	28.000	8.01	7.7		
81 03 26 0930		.3	1		3	331	540	0.98	23.00	8.15	7.80	1<T	27.4
81 04 29 0925		.3	1		7	320	520	8.50	23.00	8.28	8.00	1<T	46
81 05 20 0940		.3	1		4	348	560	1.60	24.00	8.35	8.20	1<T	40
81 06 29 0950		.3	1		5	354	540	1.50	26.00	8.15	7.80	1<T	33
81 07 29 1000		.3	1		13.0	298	440	1.60	51.00	7.83		1<T	28
81 08 11 0950		.3	1		19.9	331	500	3.60	24.00	8.01	8.10	1<T	32
81 09 28 0950		.3	1		2.5	307	500	0.86	22.50	8.22	8.15	1<T	
81 10 19 0955		.3	1		63.0		470	1.33	21.00	8.06	7.70	1<T	31
81 11 18 0850		.3	1		2.2	344	560	1.52	22.00	8.28	8.00	1<T	24
81 12 14 0905		.3	1		1.2	339	570	1.07	24.50	8.40	8.15	1<T	22
MAXIMUM				**473.0**	**63.0**	**471.0**	**740.0**	**8.50**	**51.00**	**8.40**	**8.20**	**1**	**46**
ARITH MEAN				**470.5**	**10**	**355**	**555**	**2.08**	**26.33**	**8.13**	**7.9**	**1<A**	**31**
GEOM MEAN				**470.5**	**5**	**351**	**548**	**1.61**	**25.56**	**8.13**	**7.9**	**1<A**	**30**
MINIMUM				**468.0**	**1.2**	**298**	**440**	**0.86**	**21.00**	**7.83**	**7.7**	**1**	**22**
STD DEV (GEOM *)				**3.5**	**17**	**58**	**90**	**2.14**	**8.03**	**0.18**	**0.1**	**0<A**	**7**
# SAMPLES (IN STATISTICS)				**2**	**12**	**11**	**12**	**12**	**12**	**12**	**11**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: DOC CARBON DISOLVED ORGANIC MG/L AS C
81 03 26 0930		.3	1	4.9
81 04 29 0925		.3	1	7.0
81 05 20 0940		.3	1	7.7
81 06 29 0950		.3	1	6.3
81 07 29 1000		.3	1	7.4
81 08 11 0950		.3	1	8.7
81 10 19 0955		.3	1	10.4
81 11 18 0850		.3	1	7.6
81 12 14 0905		.3	1	6.7
MAXIMUM				**10.4**
ARITH MEAN				**7.4**
GEOM MEAN				**7.3**
MINIMUM				**4.9**
STD DEV (GEOM *)				**1.5**
# SAMPLES (IN STATISTICS)				**9**

B.O.W./ SITE: **INDIAN CREEK**
SAMPLE POINT: **AT TREMAINE ROAD SOUTH OF BRITANNIA ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-006-02**
STORET CODE: **02 004 4430**

LAT: LONG: U.T.M: **17 0594050.0 4711650.0 4** REGION: **03** DISTANCE: **21.886**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1300		.3	1	37214	4	8400C	240000>	180	1500>	0.0	12.6	2.6	0.102
81 02 26 1320		.3	1	37229	8					2.5	12.8	0.5	0.060
81 03 25 1330		.3	1	37244	8	10<	340	4<	4	6.5	14.6		0.018
81 04 29 1245		.3	1	37259	5 7	330C	1500>	10I	120	13.0	15.3	1.4	0.017
81 05 25 1240		.3	1	37274	7 5	720A	20000	570	100	20.0	9.80	1.6	0.026
81 06 29 1300		.3	1	37289	7 5	1500	18000	450	220	24.0	9.90	1.0	0.050
81 07 27 1400		.3	1	37304	7 5	160A	10000	170	90A	21.0	15.8	0.8	0.043
81 08 30 1830		.3	1	37310	7 5	18000A	310000	1600	2500	21.0	8.80	0.8	0.055
81 09 28 1320		.3	1	37325	7 5	3000A	35000	80A	40A	13.5	14.20	0.2<T	0.022
81 10 29 1220		.3	1	37340	8	3500A	59000	270	1480	8.0	10.20	1.2	0.302
81 11 24 1425		.3	1	37355	9	1100A	38000	30A	280	2.0	13.20	0.8	0.080
81 12 21 1320		.3	1	37370	4 8	130	1700	4<	4	0.0	12.00	0.8	0.028
MAXIMUM						**18000**	**310000**	**1600**	**2500**	**24.0**	**15.8**	**2.6**	**0.302**
ARITH MEAN						**3684**	**54671**	**373**	**484**	**13.1**	**12.4**	**1.1<A**	**0.067**
GEOM MEAN						**1292**	**15466**	**163**	**105**	**10.0**	**12.2**	**0.9<A**	**0.046**
MINIMUM						**130**	**340**	**10**	**4**	**2.0**	**8.80**	**0.2**	**0.017**
STD DEV (GEOM *)						**5***	**7***	**5***	**8***	**8.1**	**2.3**	**0.6<A**	**0.079**
# SAMPLES (IN STATISTICS)						**10**	**9**	**9**	**10**	**10**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1300		.3	1	0.054	0.252	1.050	0.076	3.570		3.898	0.798	4.696	485.0
81 02 26 1320		.3	1	0.031	0.088	0.900	0.050	5.450		5.588	0.812	6.400	468.0
81 03 25 1330		.3	1	0.002	0.014	0.330	0.007	2.790		2.811	0.316	3.127	491.0
81 04 29 1245		.3	1	0.001	0.016	0.530	0.020	1.030		1.066	0.514	1.580	505.0
81 05 25 1240		.3	1	0.001<T	0.072	0.70	0.003	0.005<T	0.005<T	0.080	0.628	0.708	381
81 06 29 1300		.3	1	0.010	0.006	0.85	0.002	0.235	0.235	0.243	0.844	1.087	493
81 07 27 1400		.3	1	0.019	0.020	0.52					0.500		375
81 08 30 1830		.3	1	0.015	0.016	0.58	0.090	0.005<T	0.090	0.111	0.564	0.675	358
81 09 28 1320		.3	1	0.002	0.006	0.48	0.047	0.520	0.565	0.573	0.474	1.047	448
81 10 29 1220		.3	1	0.135	0.026	1.25	0.090	3.210	3.300	3.326	1.224	4.550	470
81 11 24 1425		.3	1	0.030	0.030	0.80	0.033	3.770	3.800	3.833	0.770	4.603	512
81 12 21 1320		.3	1	0.070	0.006	0.50	0.050	6.200	6.250	6.256	0.494	6.750	585
MAXIMUM				**0.135**	**0.252**	**1.25**	**0.090**	**6.200**	**6.250**	**6.256**	**1.224**	**6.750**	**585**
ARITH MEAN				**0.031<A**	**0.046**	**0.70**	**0.043**	**2.435<A**	**2.035<A**	**2.770**	**0.665**	**3.451**	**464**
GEOM MEAN				**0.012<A**	**0.023**	**0.66**	**0.025**	**0.673<A**	**0.465<A**	**1.551**	**0.623**	**2.635**	**459**
MINIMUM				**0.001**	**0.006**	**0.330**	**0.002**	**0.005**	**0.005**	**0.111**	**0.316**	**0.675**	**358**
STD DEV (GEOM *)				**0.040<A**	**0.070**	**0.26**	**0.033**	**2.222<A**	**2.442<A**	**2.211**	**0.253**	**2.269**	**65**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**11**	**7**	**10**	**11**	**10**	**12**

(CONTD)

B.O.W./ SITE: **INDIAN CREEK**
SAMPLE POINT: **AT TREMAINE ROAD SOUTH OF BRITANNIA ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BRONTE CREEK**

STATION ID: **06-0060-006-02**
STORET CODE: **02 004 4430**

LAT: LONG: U T M: **17 0594050.0 4711650.0 4** REGION: **03** DISTANCE: **21.886**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 27 1300	.3	1		18.0	467.0	700.0	5.00	70.000		7.91	7.6		
81 02 26 1320	.3	1		5.0	463.0	468.0	6.40	77.000		7.91	7.75		
81 03 25 1330	.3	1		6.0	485.0	740.0	3.90	84.000		8.28	7.2		
81 04 29 1245	.3	1		4.0	501.0	780.0	2.90	102.000		7.94	7.6		
81 05 25 1240	.3	1			377	540	2.00	81.00	110	8.09	8.40		
81 06 29 1300	.3	1			483	760	1.00	123.00	160	8.08	8.30		
81 07 27 1400	.3	1			373	540	1.33	65.00	149	8.30	8.50		
81 08 30 1830	.3	1			350	560	1.20	72.00	156	7.93	7.70	0.002	0.003<
81 09 28 1320	.3	1			446	740	0.42	86.00	223	7.32	8.00	0.006	0.003<
81 10 29 1220	.3	1			433	580	77.00	43.00	169	7.91	7.80	0.010	0.006
81 11 24 1425	.3	1			504	720	28.00	61.00	221	8.07	8.60	0.034	0.003<
81 12 21 1320	.3	1			563	950	5.30	83.00	221	7.88	8.30	0.013	0.003<
MAXIMUM				**18.0**	**563**	**950**	**77.00**	**123.00**	**223**	**8.30**	**8.60**	**0.034**	**0.006**
ARITH MEAN				**8.2**	**453**	**673**	**11.20**	**78.91**	**176**	**7.97**	**7.9**	**0.013**	**0.006**
GEOM MEAN				**6.8**	**449**	**660**	**3.65**	**76.52**	**172**	**7.96**	**7.9**	**0.009**	
MINIMUM				**4.0**	**350**	**468.0**	**0.42**	**43.00**	**110**	**7.32**	**7.2**	**0.002**	**0.006**
STD DEV (GEOM *)				**6.6**	**62**	**137**	**22.02**	**20.24**	**41**	**0.25**	**0.4**	**0.012**	
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**5**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 30 1830	.3	1		0.001<
81 09 28 1320	.3	1		0.001
81 10 29 1220	.3	1		0.004
81 11 24 1425	.3	1		0.010
81 12 21 1320	.3	1		0.002
MAXIMUM				**0.010**
ARITH MEAN				**0.004**
GEOM MEAN				**0.003**
MINIMUM				**0.001**
STD DEV (GEOM *)				**0.004**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **FOURTEEN MILE CREEK**
SAMPLE POINT: **AT QUEEN ELIZABETH WAY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MCCRANEY CREEK**

STATION ID: **06-0061-001-02**
STORET CODE: **02 004 4390**

LAT: LONG: U T M: **17 0603020.0 4808225.0 4** REGION: **03** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1345	.3	1		37209	4	70000C	350000	410	600>	0.0	13.2	5.0	0.355
81 02 26 1440	.3	1		37224	8					0.5	13.0	0.5	0.062
81 03 25 1445	.3	1		37239	8	200	1400	10<	110	7.0	13.5	0.2	0.017
81 04 29 1400	.3	1		37254	5 7	360C	4800	130	30I	12.5	12.4	1.5	0.009
81 05 25 1300	.3	1		37269	7 5	6000A	1300000	1410	1490	18.5	7.2	13.2	0.446
81 06 29 1400	.3	1		37284	7 5	800A	43000	10A	50A	28.5	17.50	2.2	0.120
81 07 27 1445	.3	1		37299	7 5	2700A	56000	370	1410	21.0	15.8	0.4	0.075
81 08 30 1945	.3	1		37315	7 5	81000A	1040000	2900	12700	18.5	7.40	1.2	0.282
81 09 28 1445	.3	1		37330	7 5	1500	18000	50<	100<	13.5	14.20	0.2 <T	0.022
81 10 29 1320	.3	1		37345	8	1100	18000	60A	330	7.0	11.60	1.0	0.198
81 11 24 1605	.3	1		37360	8	2500A	66000	120	270	3.0	13.00	0.6	0.165
81 12 21 1530	.3	1		37375	8	110	740	4	4<	0.0	14.00	0.300	0.019
MAXIMUM						**81000**	**1300000**	**2900**	**12700**	**28.5**	**17.50**	**13.2**	**0.446**
ARITH MEAN						**15115**	**263449**	**602**	**2049**	**13.0**	**12.7**	**2.1 <A**	**0.147**
GEOM MEAN						**2029**	**35730**	**142**	**375**	**8.7**	**12.3**	**0.9 <A**	**0.078**
MINIMUM						**110**	**740**	**4**	**30**	**0.5**	**7.2**	**0.2**	**0.009**
STD DEV (GEOM *)						**8***	**12***	**9***	**7***	**8.8**	**2.9**	**3.7 <A**	**0.146**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**8**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1345	.3	1		0.230	0.490	1.850	0.081	3.420		3.991	1.360	5.351	568.0
81 02 26 1440	.3	1		0.032	0.100	0.780	0.048	4.950		5.098	0.680	5.778	570.0
81 03 25 1445	.3	1		0.007	0.014	0.260	0.005	1.050		1.069	0.246	1.315	544.0
81 04 29 1400	.3	1		0.009	1.590	0.250	0.025	0.155		1.770	1.340	0.430	725.0
81 05 25 1300	.3	1		0.250	2.080	29.90	0.140	6.860	7.000	9.080	27.820	36.900	777
81 06 29 1400	.3	1		0.015	0.068	1.45	0.150	0.040	0.195	0.258	1.382	1.640	515
81 07 27 1445	.3	1		0.019	0.006	0.52	0.029	0.350	0.380	0.385	0.514	0.899	846
81 08 30 1945	.3	1		0.200	0.006	0.40	0.025	0.410	0.435	0.441	0.394	0.835	517
81 09 28 1445	.3	1		0.007	0.026	0.32	0.007	0.025	0.030	0.058	0.294	0.352	604
81 10 29 1320	.3	1		0.125	0.036	1.12	0.042	5.010	5.050	5.088	1.084	6.172	508
81 11 24 1605	.3	1		0.033	0.030	0.90	0.025	3.880	3.900	3.935	0.870	4.805	453
81 12 21 1530	.3	1		0.004	0.004	0.33	0.018	3.280	3.300	3.302	0.326	3.628	633
MAXIMUM				**0.250**	**2.080**	**29.90**	**0.150**	**6.860**	**7.000**	**9.080**	**27.820**	**36.900**	**846**
ARITH MEAN				**0.078**	**0.371**	**3.17**	**0.050**	**2.452**	**2.536**	**2.873**	**3.026**	**5.675**	**605**
GEOM MEAN				**0.031**	**0.054**	**0.81**	**0.032**	**0.864**	**0.902**	**1.404**	**0.880**	**2.361**	**594**
MINIMUM				**0.004**	**0.004**	**0.250**	**0.005**	**0.025**	**0.030**	**0.058**	**0.246**	**0.352**	**453**
STD DEV (GEOM *)				**0.096**	**0.705**	**8.43**	**0.049**	**2.401**	**2.660**	**2.735**	**7.820**	**10.080**	**119**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 27 1345		.3	1	13.0		880.0	9.60	168.000		7.54	7.9		
81 02 26 1440		.3	1	8.0		900.0	5.30	147.000		7.98	7.4		
81 03 25 1445		.3	1	3.0		820.0	1.90	111.000		8.30	7.2		
81 04 29 1400		.3	1	2.0		1160.0	1.80	204.000		7.90	7.7		
81 05 25 1300		.3	1		759	1250	1.50	151.00	302	7.69	8.00		
81 06 29 1400		.3	1		509	840	4.00	162.00	125	8.74	8.60		
81 07 27 1445		.3	1		838	1220	1.52	266	166	8.34	8.50		
81 08 30 1945		.3	1	27.0		790	7.80	105.00	193	8.08	7.80	1<T	1.18
81 09 28 1445		.3	1	3.4		990	1.21	169.00	200	8.25	8.00	1<T	0.12
81 10 29 1320		.3	1	13.7		720	22.00	88.00	156	8.15	7.90	1<T	1.10
81 11 24 1605		.3	1	8.4		760	14.40	87.00	196	8.16	8.80	1<T	0.52
81 12 21 1530		.3	1	4.7		1040	2.90	117.00	272	8.24	8.40	1<T	0.10
MAXIMUM				**27.0**	**838**	**1250**	**22.00**	**266**	**302**	**8.74**	**8.80**	**1**	**1.18**
ARITH MEAN				**9.2**	**702**	**947**	**6.16**	**147**	**201**	**8.11**	**8.0**	**1<A**	**0.60**
GEOM MEAN				**6.8**	**687**	**932**	**3.93**	**140**	**194**	**8.11**	**8.0**	**1<A**	**0.38**
MINIMUM				**2.0**	**509**	**720**	**1.21**	**87.00**	**125**	**7.54**	**7.2**	**1**	**0.10**
STD DEV (GEOM *)				**7.9**	**172**	**182**	**6.43**	**51**	**59**	**0.31**	**0.4**	**0<A**	**0.52**
# SAMPLES (IN STATISTICS)				**9**	**3**	**12**	**12**	**12**	**8**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 05 25 1300		.3	1	0.007	0.003<	0.004
81 08 30 1945		.3	1	0.006	0.004	0.010
81 09 28 1445		.3	1	0.006	0.003<	0.001
81 10 29 1320		.3	1	0.012	0.010	0.013
81 11 24 1605		.3	1	0.080	0.007	0.008
81 12 21 1530		.3	1	0.010	0.003<	0.002
MAXIMUM				**0.080**	**0.010**	**0.013**
ARITH MEAN				**0.020**	**0.007**	**0.006**
GEOM MEAN				**0.012**	**0.007**	**0.005**
MINIMUM				**0.006**	**0.004**	**0.001**
STD DEV (GEOM *)				**0.029**	**0.003**	**0.005**
# SAMPLES (IN STATISTICS)				**6**	**3**	**6**

B.O.W / SITE: **OAKVILLE CREEK**
SAMPLE POINT: **HIGHWAY 2, OAKVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-001-02**
STORET CODE: **02 004 4340**

LAT LONG: U T M: **17 0607500.0 4810600.0 4** REGION: **03** DISTANCE: **0.844**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 27 1420		.3	1	37207	4	1150C	24000>	60I	170	0.0	12.3	2.0	0.062
81 02 26 1515		.3	1	37222	8					2.0	13.5	1.0	0.062
81 03 25 1410		.3	1	37237	8	90I	1300	4	4	5.0	13.2	0.7	0.024
81 04 29 1330		.3	1	37252	8	710C	6800	40I	110	13.0	7.2	1.8	0.063
81 05 25 1340		.3	1	37267	8	500A	7000	100	60A	17.0	8.20	0.6	0.040
81 06 29 1330		.3	1	37282	8	1000	15000	90A	90A	17.5	10.40	0.2	0.016
81 07 27 1000		.3	1	37297	8	5100	7400	620	220	19.0	8.30	0.6	0.075
81 08 30 1915		.3	1	37313	8	40000	190000	2400	2900	21.0	7.50	1.4	0.212
81 09 28 1515		.3	1	37328	8	1400	22000	460	380	14.5	10.20	0.6	0.045
81 10 29 1305		.3	1	37343	8	4600A	95000	990	5300	8.0	11.00	1.8	0.282
81 11 24 1615		.3	1	37358	8	1200	12000	200	130	2.0	12.80	0.8	0.115
81 12 21 1625		.3	1	37373	4 8	30A	170	4<	24	0.0		0.2<T	0.022
MAXIMUM						**40000**	**190000**	**2400**	**5300**	**21.0**	**13.5**	**2.0**	**0.282**
ARITH MEAN						**5071**	**35667**	**496**	**853**	**11.9**	**10.4**	**1.0<A**	**0.085**
GEOM MEAN						**1052**	**9431**	**161**	**159**	**9.0**	**10.1**	**0.8<A**	**0.059**
MINIMUM						**30**	**170**	**4**	**4**	**2.0**	**7.2**	**0.2**	**0.016**
STD DEV (GEOM *)						**7***	**7***	**6***	**7***	**7.1**	**2.3**	**0.6<A**	**0.082**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**11**	**10**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1420		.3	1	0.022	0.450	0.950	0.020	1.480		1.950	0.500	2.450	475.0
81 02 26 1515		.3	1	0.030	0.160	0.680	0.026	2.070		2.256	0.520	2.776	359.0
81 03 25 1410		.3	1	0.006	0.018	0.340	0.009	1.240		1.267	0.322	1.589	443.0
81 04 29 1330		.3	1	0.011	0.124	1.300	0.014	0.361		0.499	1.176	1.675	452.0
81 05 25 1340		.3	1	0.014	0.064	0.57	0.073	0.400	0.475	0.537	0.506	1.043	368
81 06 29 1330		.3	1	0.017	0.030	0.14	0.042	0.440	0.480	0.512	0.110	0.622	345
81 07 27 1000		.3	1	0.021	0.002	0.65	0.001	0.460	0.460	0.463	0.648	1.111	318
81 08 30 1915		.3	1	0.162	0.008	0.50	0.002	1.03	1.050	1.040	0.492	1.532	368
81 09 28 1515		.3	1	0.011	0.006	0.60	0.013	0.705	0.720	0.724	0.594	1.318	376
81 10 29 1305		.3	1	0.190	0.010	1.18	0.056	2.040	2.100	2.106	1.170	3.276	387
81 11 24 1615		.3	1	0.066	0.032	0.68	0.029	1.620	1.650	1.681	0.648	2.329	405
81 12 21 1625		.3	1	0.008	0.004	0.32	0.058	0.640	0.700	0.702	0.316	1.018	264
MAXIMUM				**0.190**	**0.450**	**1.300**	**0.073**	**2.070**	**2.100**	**2.256**	**1.176**	**3.276**	**475.0**
ARITH MEAN				**0.046**	**0.076**	**0.65**	**0.029**	**1.04**	**0.954**	**1.145**	**0.583**	**1.728**	**380**
GEOM MEAN				**0.024**	**0.024**	**0.56**	**0.017**	**0.86**	**0.814**	**0.966**	**0.501**	**1.558**	**375**
MINIMUM				**0.006**	**0.002**	**0.14**	**0.001**	**0.361**	**0.460**	**0.463**	**0.110**	**0.622**	**264**
STD DEV (GEOM *)				**0.063**	**0.128**	**0.34**	**0.024**	**0.63**	**0.612**	**0.684**	**0.315**	**0.808**	**58**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **OAKVILLE CREEK**
SAMPLE POINT: **HIGHWAY 2, OAKVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-001-02**
STORET CODE: **02 004 4340**

LAT: LONG: U.T.M: **17 0607500.0 4810600.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 27 1420		.3	1	14.0		780.0	5.40	110.000		7.79	8.4		
81 02 26 1515		.3	1	17.0		540.0	9.60	48.000		8.05	7.8		
81 03 25 1410		.3	1	7.0		700.0	3.80	81.000		8.38	6.9		
81 04 29 1330		.3	1	27.0		690.0	18.00	90.000		7.55	7.45		
81 05 25 1340		.3	1		367	600	5.00	73.00	155	8.06	8.30		
81 06 29 1330		.3	1		332	540	1.00	67.00	135	8.09	8.40		
81 07 27 1000		.3	1		312	520	1.17	67.00	126	7.98	8.20		
81 08 30 1915		.3	1	11.0		600	2.00	76.00	144	8.04	7.80	1<T	0.44
81 09 28 1515		.3	1	14.0		590	1.15	59.00	193	8.45	8.30	1<T	0.52
81 10 29 1305		.3	1	34.4		520	57.00	39.00	158	8.02	7.70	1<T	2.74
81 11 24 1615		.3	1	10.6		660	17.20	62.00	210	8.20	8.70	1<T	0.94
81 12 21 1625		.3	1	5.4		425	6.30	37.50	132	8.44	7.80	1<T	0.25
MAXIMUM				**34.4**	**367**	**780.0**	**57.00**	**110.000**	**210**	**8.45**	**8.70**	**1**	**2.74**
ARITH MEAN				**15.6**	**337**	**597**	**10.63**	**67.45**	**157**	**8.09**	**7.9**	**1<A**	**0.98**
GEOM MEAN				**13.4**	**336**	**589**	**5.08**	**64.44**	**154**	**8.08**	**7.9**	**1<A**	**0.68**
MINIMUM				**5.4**	**312**	**425**	**1.00**	**37.50**	**126**	**7.55**	**6.9**	**1**	**0.25**
STD DEV (GEOM *)				**9.5**	**28**	**97**	**15.72**	**20.87**	**30**	**0.26**	**0.5**	**0<A**	**1.02**
# SAMPLES (IN STATISTICS)				**9**	**3**	**12**	**12**	**12**	**8**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 05 25 1340		.3	1	0.002	0.003<	0.006
81 08 30 1915		.3	1	0.006	0.005	0.013
81 09 28 1515		.3	1	0.006	0.006	0.008
81 10 29 1305		.3	1	0.011	0.015	0.017
81 11 24 1615		.3	1	0.037	0.007	0.012
81 12 21 1625		.3	1	0.013	0.003<	0.016
MAXIMUM				**0.037**	**0.015**	**0.017**
ARITH MEAN				**0.012**	**0.008**	**0.012**
GEOM MEAN				**0.009**	**0.007**	**0.011**
MINIMUM				**0.002**	**0.005**	**0.006**
STD DEV (GEOM *)				**0.013**	**0.005**	**0.004**
# SAMPLES (IN STATISTICS)				**6**	**4**	**6**

B.O.W./ SITE: **OAKVILLE CREEK**
SAMPLE POINT: **SIDE ROAD 10 MILTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-002-02**
STORET CODE: **02 004 4340**

LAT: LONG: U.T.M: **17 0591850.0 4817300.0 4** REGION: **03** DISTANCE: **23.818**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 28 1615		.3	1	37204	8	0.255	1960C	17000	90I	140	1.5	15.2	1.6
81 02 26 1300		.3	1	37219	8	3.620					4.0	13.4	0.7
81 03 25 1320		.3	1	37234	8	0.693	11400C	31000	112	88	8.5	16.5	2.6
81 04 29 1230		.3	1	37249	8	0.882	910C	1500>	40I	90I	12.0	15.9	1.4
81 05 25 1420		.3	1	37264	7	0.410	360A	7400	70A	40A	17.0	12.80	0.2
81 06 29 1245		.3	1	37279	7	0.271	1700	16000	70A	200	22.5	19.50	0.2<T
81 07 27 1415		.3	1	37294	7.5	0.233	3100A	40000	150	280	21.0	15.2	5.6
81 08 30 1815		.3	1	37309	7.5	1.310	1900000	5800002	97000	55000	19.0	7.50	4.0
81 09 28 1300		.3	1	37324	8	1.140	37000	39000	1480	160A	14.0	11.90	1.6
81 10 29 1100		.3	1	37339	8	1.630	4400	18000	340	410	8.0	10.80	2.0
81 11 24 1155		.3	1	37354	8	1.290	2900	9000	240	120A	4.5	12.80	1.2
81 12 21 1250		.3	1	37369	8	0.504	260	1600	16	8	1.0	12.00	1.0
MAXIMUM						**3.620**	**1900000**	**5800002**	**97000**	**55000**	**22.5**	**19.50**	**5.6**
ARITH MEAN						**1.020**	**178544**	**597900**	**9055**	**5140**	**11.1**	**13.6**	**1.8<A**
GEOM MEAN						**0.731**	**4287**	**26094**	**219**	**185**	**7.8**	**13.2**	**1.2<A**
MINIMUM						**0.233**	**260**	**1600**	**16**	**8**	**1.0**	**7.50**	**0.2**
STD DEV (GEOM *)						**0.945**	**12***	**8***	**10***	**9***	**7.6**	**3.1**	**1.6<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**11**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 28 1615		.3	1	0.099	0.058	0.360	1.150	0.390	3.610		4.360	0.790	5.150
81 02 26 1300		.3	1	0.038	0.014	0.152	0.320	0.008	0.722		0.882	0.168	1.050
81 03 25 1320		.3	1	0.254	0.190	0.420	1.230	0.300	1.500		2.220	0.810	3.030
81 04 29 1230		.3	1	0.013	0.009	0.440	0.340	0.033	1.070		1.543	0.100	1.443
81 05 25 1420		.3	1	0.056	0.034	0.004	1.06			2.250		1.056	3.310
81 06 29 1245		.3	1	0.038	0.018	0.028	0.55	0.093				0.522	
81 07 27 1415		.3	1	0.087	0.051	0.006	1.84	0.006	5.240	5.250	5.252	1.834	7.086
81 08 30 1815		.3	1	0.870	0.190	0.008	1.70	0.018	2.030	2.050	2.058	1.692	3.748
81 09 28 1300		.3	1	0.044	0.023	0.006	0.99	0.002	1.650	1.650	1.658	0.984	2.642
81 10 29 1100		.3	1	0.275	0.230	0.006	0.60	0.004	1.850	1.850	1.860	0.594	2.454
81 11 24 1155		.3	1	0.082	0.018	0.006	0.58	0.090	1.410	1.500	1.506	0.574	2.080
81 12 21 1250		.3	1	0.063	0.045	0.006	0.47	0.004	3.950	3.950	3.960	0.464	4.424
MAXIMUM				**0.870**	**0.230**	**0.440**	**1.84**	**0.390**	**5.240**	**5.250**	**5.252**	**1.834**	**7.086**
ARITH MEAN				**0.160**	**0.073**	**0.120**	**0.90**	**0.086**	**2.303**	**2.643**	**2.530**	**0.799**	**3.311**
GEOM MEAN				**0.084**	**0.043**	**0.025**	**0.77**	**0.023**	**1.940**	**2.384**	**2.197**	**0.614**	**2.904**
MINIMUM				**0.013**	**0.009**	**0.004**	**0.320**	**0.002**	**0.722**	**1.500**	**0.882**	**0.100**	**1.050**
STD DEV (GEOM *)				**0.239**	**0.080**	**0.178**	**0.51**	**0.134**	**1.461**	**1.410**	**1.456**	**0.534**	**1.745**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**10**	**7**	**10**	**12**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 28 1615		.3	1	664.0	11.0	653.0	1120.0		177.000		8.07	8.0	
81 02 26 1300		.3	1	305.0	9.0	296.0	500.0		34.000		8.05	7.95	
81 03 25 1320		.3	1	483.0	5.0	478.0	820.0		106.000		8.45	7.4	
81 04 29 1230		.3	1	443.0	5.0	438.0	720.0		86.000		8.12	7.6	
81 05 25 1420		.3	1	406		400	820	2.00	106.00	218	8.30	8.70	
81 06 29 1245		.3	1	506		492	800	1.50	108.00	179	8.26	8.80	
81 07 27 1415		.3	1	541		536	920	1.65	124	205	7.59	8.40	
81 08 30 1815		.3	1	843		293	450	39.00	48.00	141	7.64	7.70	0.037
81 09 28 1300		.3	1	435		429	695	0.34	66.00	228	8.39	7.90	0.005
81 10 29 1100		.3	1	466		446	700	9.30	63.00	233	8.18	7.40	0.006
81 11 24 1155		.3	1	445		411	740	4.30	72.00	246	8.23	8.50	0.032
81 12 21 1250		.3	1	502		498	850	3.40	87.00	257	7.88	8.20	0.019
MAXIMUM				**843**	**11.0**	**653.0**	**1120.0**	**39.00**	**177.000**	**257**	**8.45**	**8.80**	**0.037**
ARITH MEAN				**503**	**7.5**	**447**	**761**	**7.69**	**89**	**213**	**8.10**	**8.0**	**0.020**
GEOM MEAN				**488**	**7.1**	**437**	**741**	**3.12**	**82**	**210**	**8.09**	**8.0**	**0.015**
MINIMUM				**305.0**	**5.0**	**293**	**450**	**0.34**	**34.000**	**141**	**7.59**	**7.4**	**0.005**
STD DEV (GEOM *)				**136**	**3.0**	**98**	**177**	**12.95**	**38**	**38**	**0.27**	**0.4**	**0.015**
# SAMPLES (IN STATISTICS)				**12**	**4**	**12**	**12**	**8**	**12**	**8**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 30 1815		.3	1	0.052	0.210
81 09 28 1300		.3	1	0.003<	0.005
81 10 29 1100		.3	1	0.009	0.007
81 11 24 1155		.3	1	0.010	0.029
81 12 21 1250		.3	1	0.003<	0.011
MAXIMUM				**0.052**	**0.210**
ARITH MEAN				**0.024**	**0.052**
GEOM MEAN				**0.017**	**0.019**
MINIMUM				**0.009**	**0.005**
STD DEV (GEOM *)				**0.025**	**0.089**
# SAMPLES (IN STATISTICS)				**3**	**5**

B.O.W / SITE: **MIDDLE OAKVILLE CREEK**
SAMPLE POINT: **HWY.25 1.8 MILES SOUTH OF SCOTCH BLOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-003-02**
STORET CODE: **02 004 4340**

LAT: LONG: U.T.M: **17 0585900.0 4822350.0 4** REGION: **03** DISTANCE: **42.486**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1345		.3	1	37203	8	330	2100	8	4	1.0	12.4		0.015
81 02 26 1115		.3	1	37218	8					1.5	13.3		0.105
81 03 25 1110		.3	1	37233	8	20I	360	4<	4<	3.0	14.0		0.022
81 04 30 1200		.3	1	37248	8	100	2500	10<	10I	10.0	12.8		0.012
81 05 25 1430		.3	1	37263	8	420A	14000	40	40	16.0	10.00	1.8	0.020
81 06 29 1015		.3	1	37278	8					16.0	9.30	0.2<T	0.026
81 07 27 1530		.3	1	37293	8	2500	2200	520	430	21.0	8.80	1.2	0.070
81 08 30 1800		.3	1	37308	8	26000	108000	1900	4100	19.0	7.70	1.2	0.130
81 09 28 1200		.3	1	37323	8	1100	17000	10A	30A	13.0	10.78	1.0	0.050
81 10 29 1115		.3	1	37338	8	200A	40000	30A	770	8.0	11.40	1.0	0.062
81 11 24 1015		.3	1	37353	8	1600A	31000	700	210	2.5	12.40	0.6	0.278
81 12 21 1210		.3	1	37368	8	220	760	4<	4<	0.0		0.6	0.032
MAXIMUM						**26000**	**108000**	**1900**	**4100**	**21.0**	**14.0**	**1.8**	**0.278**
ARITH MEAN						**3249**	**21792**	**458**	**699**	**10.1**	**11.1**	**0.9<A**	**0.068**
GEOM MEAN						**518**	**6314**	**94**	**104**	**6.7**	**10.9**	**0.8<A**	**0.044**
MINIMUM						**20**	**360**	**8**	**4**	**1.0**	**7.70**	**0.2**	**0.012**
STD DEV (GEOM *)						**7***	**6***	**9***	**10***	**7.4**	**2.0**	**0.5<A**	**0.076**
# SAMPLES (IN STATISTICS)						**10**	**10**	**7**	**8**	**11**	**11**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1345		.3	1		0.080								
81 02 26 1115		.3	1		0.170								
81 03 25 1110		.3	1		0.022								
81 04 30 1200		.3	1		0.006								
81 05 25 1430		.3	1	0.004	0.040	0.44	0.019	0.685	0.705	0.744	0.400	1.144	324
81 06 29 1015		.3	1	0.005	0.004	0.40	0.003	0.700	0.705	0.707	0.396	1.103	340
81 07 27 1530		.3	1	0.008	0.004	0.60	0.001<T	0.750	0.750	0.755	0.596	1.351	328
81 08 30 1800		.3	1		0.004	0.70					0.696		
81 09 28 1200		.3	1		0.004	0.62					0.616		
81 10 29 1115		.3	1		0.006	0.58					0.574		
81 11 24 1015		.3	1		0.006	0.49					0.484		
81 12 21 1210		.3	1		0.002<T	0.38					0.378		
MAXIMUM				**0.008**	**0.170**	**0.70**	**0.019**	**0.750**	**0.750**	**0.755**	**0.696**	**1.351**	**340**
ARITH MEAN				**0.006**	**0.029<A**	**0.53**	**0.008<A**	**0.712**	**0.720**	**0.736**	**0.517**	**1.199**	**331**
GEOM MEAN				**0.005**	**0.010<A**	**0.52**	**0.004<A**	**0.711**	**0.720**	**0.735**	**0.505**	**1.195**	**331**
MINIMUM				**0.004**	**0.002**	**0.38**	**0.001**	**0.685**	**0.705**	**0.707**	**0.378**	**1.103**	**324**
STD DEV (GEOM *)				**0.002**	**0.050<A**	**0.12**	**0.010<A**	**0.034**	**0.026**	**0.026**	**0.120**	**0.133**	**8**
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**3**	**3**	**3**	**3**	**8**	**3**	**3**

(CONTD)

B.O.W./ SITE: **MIDDLE OAKVILLE CREEK**
SAMPLE POINT: **HWY.25 1.8 MILES SOUTH OF SCOTCH BLOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-003-02**
STORET CODE: **02 004 4340**

LAT: LONG: U T M: **17 0585900.0 4822350.0 4** REGION: **03** DISTANCE: **42.486**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	*ASUT*
81 01 28 1345		.3	1		660.0				8.18	7.8			
81 02 26 1115		.3	1		375.0				7.81	8.3			
81 03 25 1110		.3	1		540.0				8.28	7.4			
81 04 30 1200		.3	1		530.0				8.03	7.4			
81 05 25 1430		.3	1	320	520	2.00	29.00	217	8.44	8.60			
81 06 29 1015		.3	1	329	530	1.20	29.50	218	8.21	8.20			
81 07 27 1530		.3	1	310	510	1.31	30.00	213	8.21	8.40			
81 08 30 1800		.3	1		540	5.00	46.50	189	7.84	7.70	1<T	1.94	0.001
81 09 28 1200		.3	1		500	7.90	27.50	205	8.26	8.10	1<T	0.76	0.001<
81 10 29 1115		.3	1		550	16.30	27.50	236	8.32	7.80	1<T	0.80	0.001<
81 11 24 1015		.3	1		565	13.50	26.00	249	8.29	8.10	1<T	0.90	0.001<
81 12 21 1210		.3	1		620	13.40	28.50	244	8.52	8.60	1<T	0.60	0.001<
MAXIMUM				**329**	**660.0**	**16.30**	**46.50**	**249**	**8.52**	**8.60**	**1**	**1.94**	**0.001**
ARITH MEAN				**320**	**536**	**7.58**	**30.56**	**221**	**8.20**	**8.0**	**1<A**	**1.00**	**0.001**
GEOM MEAN				**320**	**532**	**4.96**	**30.07**	**221**	**8.20**	**8.0**	**1<A**	**0.91**	
MINIMUM				**310**	**375.0**	**1.20**	**26.00**	**189**	**7.81**	**7.4**	**1**	**0.60**	**0.001**
STD DEV (GEOM *)				**10**	**68**	**6.13**	**6.57**	**20**	**0.21**	**0.4**	**0<A**	**0.54**	
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**8**	**8**	**12**	**12**	**5**	**5**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*HGUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 30 1800		.3	1	0.08	0.003	0.003<	0.011	0.0020<
81 09 28 1200		.3	1		0.005	0.003<	0.002	0.0020
81 10 29 1115		.3	1		0.010	0.007	0.006	0.0030
81 11 24 1015		.3	1		0.018	0.008	0.009	0.0030
81 12 21 1210		.3	1		0.007	0.003<	0.008	0.0050
MAXIMUM				**0.08**	**0.018**	**0.008**	**0.011**	**0.0050**
ARITH MEAN				**0.08**	**0.009**	**0.007**	**0.007**	**0.0032**
GEOM MEAN					**0.007**	**0.007**	**0.006**	**0.0031**
MINIMUM				**0.08**	**0.003**	**0.007**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.006**	**0.001**	**0.003**	**0.0013**
# SAMPLES (IN STATISTICS)				**1**	**5**	**2**	**5**	**4**

B.O.W./ SITE: **OAKVILLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 9 HILTON FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-008-02**
STORET CODE: **02 006 4340**

LAT: LONG: U T M: **17 0584200.0 4817500.0 4** REGION: **03** DISTANCE: **32.508**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1320		.3	1	37200	8	540	2400	48	92	3.0	11.8		0.010
81 02 26 1045		.3	1	37215	8					2.0	12.6		0.011
81 03 25 1030		.3	1	37230	8	50I	180	4	4<	3.8	13.2		0.016
81 04 30 1145		.3	1	37245	8	270C	3600	10<	30I	12.0	11.7		0.013
81 05 25 1510		.3	1	37260	8	680	5200	20A	20A	15.0	10.20	0.4	0.020
81 06 29 0940		.3	1	37275	8	1200	10800	80A	180	16.0	8.40	0.2	0.020
81 07 27 1600		.3	1	37290	8	1000	15900	120	290	20.0	7.80	0.4	0.021
81 08 30 1730		.3	1	37305	8	62000A	440000	3500	14300	18.0	7.20	0.8	0.120
81 09 28 1135		.3	1	37320	8	1000	4300	20A	320	14.5	10.20	0.2	0.028
81 10 29 1145		.3	1	37335	8	700A	2000	10<	60A	8.0	11.00	0.8	0.228
81 11 24 1025		.3	1	37350	8	10A	190	10A	10<	3.5	12.60	0.6	0.018
81 12 21 1110		.3	1	37365	8	92A	1480	4	8	2.0	12.00	0.2<T	0.028
MAXIMUM						**62000**	**440000**	**3500**	**14300**	**20.0**	**13.2**	**0.8**	**0.228**
ARITH MEAN						**6140**	**44186**	**423**	**1700**	**9.8**	**10.7**	**0.4<A**	**0.044**
GEOM MEAN						**468**	**3638**	**36**	**123**	**7.2**	**10.5**	**0.4<A**	**0.025**
MINIMUM						**10**	**180**	**4**	**8**	**2.0**	**7.20**	**0.2**	**0.010**
STD DEV (GEOM *)						**9***	**8***	**8***	**9***	**6.8**	**2.0**	**0.3<A**	**0.065**
# SAMPLES (IN STATISTICS)						**11**	**11**	**9**	**9**	**12**	**12**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1320		.3	1		0.014								
81 02 26 1045		.3	1		0.042								
81 03 25 1030		.3	1		0.014								
81 04 30 1145		.3	1		0.010								
81 05 25 1510		.3	1	0.008	0.044	0.35	0.010	0.055	0.065	0.109	0.306	0.415	340
81 06 29 0940		.3	1	0.008	0.002	0.28	0.001	0.190	0.190	0.193	0.278	0.471	379
81 07 27 1600		.3	1	0.005	0.004	0.34	0.010	0.035	0.045	0.049	0.336	0.385	331
81 08 30 1730		.3	1		0.004	0.82					0.816		
81 09 28 1135		.3	1		0.012	0.52					0.508		
81 10 29 1145		.3	1		0.020	0.60					0.580		
81 11 24 1025		.3	1		0.100	0.63					0.530		
81 12 21 1110		.3	1		0.004	0.55					0.546		
MAXIMUM				**0.008**	**0.100**	**0.82**	**0.010**	**0.190**	**0.190**	**0.193**	**0.816**	**0.471**	**379**
ARITH MEAN				**0.007**	**0.022**	**0.51**	**0.007**	**0.093**	**0.100**	**0.117**	**0.487**	**0.424**	**350**
GEOM MEAN				**0.007**	**0.012**	**0.48**	**0.005**	**0.072**	**0.082**	**0.101**	**0.460**	**0.422**	**349**
MINIMUM				**0.005**	**0.002**	**0.28**	**0.001**	**0.035**	**0.045**	**0.049**	**0.278**	**0.385**	**331**
STD DEV (GEOM *)				**0.002**	**0.028**	**0.18**	**0.005**	**0.084**	**0.079**	**0.072**	**0.178**	**0.044**	**26**
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**3**	**3**	**3**	**3**	**8**	**3**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 28 1320		.3	1		640.0				8.12	7.7			
81 02 26 1045		.3	1		560.0				8.00	6.8			
81 03 25 1030		.3	1		500.0				8.11	7.6			
81 04 30 1145		.3	1		520.0				7.97	7.4			
81 05 25 1510		.3	1	337	520	1.50	21.50	206	8.43	8.40			
81 06 29 0940		.3	1	374	540	1.10	24.50	207	8.07	8.25			
81 07 27 1600		.3	1	327	500	1.26	21.00	197	8.27	8.40			
81 08 30 1730		.3	1		410	9.50	26.50	144	7.81	7.60	1<T	0.78	0.001<
81 09 28 1135		.3	1		510	0.74	20.50	209	8.30	8.00	1<T	0.13	0.001<
81 10 29 1145		.3	1		520	4.30	20.00	222	8.31	8.00	1<T	0.41	0.001<
81 11 24 1025		.3	1		530	1.23	18.50	237	8.26	8.30	1<T	0.12	0.001<
81 12 21 1110		.3	1		570	1.96	21.50	250	8.27	8.30	1<T	0.18	0.001<
MAXIMUM				**374**	**640.0**	**9.50**	**26.50**	**250**	**8.43**	**8.40**	**1**	**0.78**	
ARITH MEAN				**346**	**526**	**2.70**	**21.75**	**209**	**8.16**	**7.9**	**1<A**	**0.32**	
GEOM MEAN				**345**	**524**	**1.87**	**21.62**	**207**	**8.16**	**7.8**	**1<A**	**0.25**	
MINIMUM				**327**	**410**	**0.74**	**18.50**	**144**	**7.81**	**6.8**	**1**	**0.12**	
STD DEV (GEOM *)				**25**	**53**	**2.96**	**2.56**	**32**	**0.18**	**0.4**	**0<A**	**0.28**	
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**8**	**8**	**12**	**12**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 08 30 1730		.3	1	0.005	0.003<	0.016	0.0020<
81 09 28 1135		.3	1	0.004	0.004	0.002	0.0020
81 10 29 1145		.3	1	0.008	0.006	0.004	0.0030
81 11 24 1025		.3	1	0.012	0.007	0.006	0.0020
81 12 21 1110		.3	1	0.009	0.003<	0.004	0.0020<
MAXIMUM				**0.012**	**0.007**	**0.016**	**0.0030**
ARITH MEAN				**0.008**	**0.006**	**0.006**	**0.0023**
GEOM MEAN				**0.007**	**0.006**	**0.005**	**0.0023**
MINIMUM				**0.004**	**0.004**	**0.002**	**0.0020**
STD DEV (GEOM *)				**0.003**	**0.002**	**0.006**	**0.0006**
# SAMPLES (IN STATISTICS)				**5**	**3**	**5**	**3**

B.O.W./ SITE: **OAKVILLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 28 UPSTREAM OF MILTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-009-02**
STORET CODE: **02 006 4340**

LAT: LONG: U.T.M.: **17 0586400.0 4818200.0 4** REGION: **03** DISTANCE: **33.152**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1310		.3	1	37202	8	120	2100	4<	76	0.0	12.8	0.4	0.003
81 02 26 1035		.3	1	37217	8					0.5	13.5	0.3	0.016
81 03 25 1015		.3	1	37232	8	50I	900	4<	4<	2.5	13.7	0.2	0.009
81 04 30 1140		.3	1	37247	8	380C	4300	10<	20I	10.5	12.0	0.6	0.013
81 05 25 1445		.3	1	37261	8	4500	240000>	130	70A	15.0	10.5	0.2	0.014
81 06 29 0950		.3	1	37276	8	1700	11000	100	200	15.0	9.80	0.2<T	0.011
81 07 27 1540		.3	1	37291	8	760	5000	250	330	17.0	9.90	0.4	0.014
81 08 30 1745		.3	1	37306	8	53000A	880000	3100	21000	17.5	7.90	0.8	0.122
81 09 28 1145		.3	1	37321	8	1100	3900	20A	20A	13.0	11.00	0.2<T	0.025
81 10 29 1135		.3	1	37336	8	200A	3500	10<	70A	7.0	11.40	1.0	0.172
81 11 24 0945		.3	1	37351	8	100	1500	10A	10A	2.5	12.80	0.6	0.278
81 12 21 1145		.3	1	37366	8	10<	120	4<	4<	2.0	12.00	0.2<T	0.009
MAXIMUM						**53000**	**880000**	**3100**	**21000**	**17.5**	**13.7**	**1.0**	**0.278**
ARITH MEAN						**6191**	**91232**	**602**	**2422**	**9.3**	**11.4**	**0.4<A**	**0.057**
GEOM MEAN						**659**	**3968**	**112**	**108**	**6.1**	**11.3**	**0.4<A**	**0.022**
MINIMUM						**50**	**120**	**10**	**10**	**0.5**	**7.90**	**0.2**	**0.003**
STD DEV (GEOM *)						**8***	**10***	**8***	**10***	**6.6**	**1.7**	**0.3<A**	**0.088**
# SAMPLES (IN STATISTICS)						**10**	**10**	**6**	**9**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1310		.3	1	0.001	0.014	0.220	0.004	0.626		0.644	0.206	0.850	377.0
81 02 26 1035		.3	1	0.004	0.010	0.290	0.002	0.388		0.400	0.280	0.680	264.0
81 03 25 1015		.3	1	0.001	0.004	0.220	0.001	0.284		0.289	0.216	0.505	338.0
81 04 30 1140		.3	1	0.001<	0.006	0.260	0.001	0.119		0.126	0.254	0.380	
81 05 25 1445		.3	1	0.002	0.020	0.24	0.004	0.245	0.250	0.269	0.220	0.489	331
81 06 29 0950		.3	1	0.002	0.002<T	0.18	0.001	0.260	0.260	0.263	0.178	0.441	343
81 07 27 1540		.3	1	0.002	0.002<T	0.24	0.013	0.170	0.185	0.185	0.238	0.423	341
81 08 30 1745		.3	1		0.002	0.48					0.478		
81 09 28 1145		.3	1		0.022	0.39					0.368		
81 10 29 1135		.3	1		0.024	0.40					0.376		
81 11 24 0945		.3	1		0.286	1.90					1.614		
81 12 21 1145		.3	1		0.006	0.26					0.254		
MAXIMUM				**0.004**	**0.286**	**1.90**	**0.013**	**0.626**	**0.260**	**0.644**	**1.614**	**0.850**	**377.0**
ARITH MEAN				**0.002**	**0.033<A**	**0.42**	**0.004**	**0.299**	**0.232**	**0.311**	**0.390**	**0.538**	**332**
GEOM MEAN				**0.002**	**0.009<A**	**0.32**	**0.002**	**0.264**	**0.229**	**0.276**	**0.310**	**0.519**	**330**
MINIMUM				**0.001**	**0.002**	**0.18**	**0.001**	**0.119**	**0.185**	**0.126**	**0.178**	**0.380**	**264.0**
STD DEV (GEOM *)				**0.001**	**0.080<A**	**0.47**	**0.004**	**0.168**	**0.041**	**0.170**	**0.395**	**0.168**	**37**
# SAMPLES (IN STATISTICS)				**6**	**12**	**12**	**7**	**7**	**3**	**7**	**12**	**7**	**6**

(CONTD)

B.O.W / SITE: **OAKVILLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 28 UPSTREAM OF MILTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-009-02**
STORET CODE: **02 006 4340**

LAT: LONG: U T M: **17 0586400.0 4818200.0 4** REGION: **03** DISTANCE: **33.152**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 28 1310		.3	1	1.0	376.0	600.0		31.500		8.25	7.35		
81 02 26 1035		.3	1	4.0	260.0	435.0		18.000		8.11	7.8		
81 03 25 1015		.3	1	0.8	337.0	560.0		28.500		8.35	7.8		
81 04 30 1140		.3	1			510.0		25.000		8.10	7.45		
81 05 25 1445		.3	1		325	550	1.00	30.50	228	8.40	8.70		
81 06 29 0950		.3	1		338	560	1.10	34.00	230	8.22	8.20		
81 07 27 1540		.3	1		337	560	1.90	35.50	229	8.18	8.30		
81 08 30 1745		.3	1			480	9.00	35.50	184	7.86	7.50	1<T	2.50
81 09 28 1145		.3	1			540	0.90	29.00	223	8.41	8.10	1<T	0.09
81 10 29 1135		.3	1			560	5.30	32.00	237	8.42	7.90	1<T	0.27
81 11 24 0945		.3	1			565	2.20	30.50	251	8.05	8.10	1<T	0.18
81 12 21 1145		.3	1			610	1.38	32.00	272	8.57	8.40	1<T	0.06
MAXIMUM				**4.0**	**376.0**	**610**	**9.00**	**35.50**	**272**	**8.57**	**8.70**	**1**	**2.50**
ARITH MEAN				**1.9**	**328**	**544**	**2.85**	**30.16**	**232**	**8.24**	**7.9**	**1<A**	**0.62**
GEOM MEAN				**1.5**	**326**	**542**	**2.02**	**29.73**	**231**	**8.24**	**7.9**	**1<A**	**0.23**
MINIMUM				**0.8**	**260.0**	**435.0**	**0.90**	**18.000**	**184**	**7.86**	**7.35**	**1**	**0.06**
STD DEV (GEOM *)				**1.8**	**37**	**48**	**2.87**	**4.85**	**25**	**0.20**	**0.4**	**0<A**	**1.05**
# SAMPLES (IN STATISTICS)				**3**	**6**	**12**	**8**	**12**	**8**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 30 1745		.3	1	0.001<	0.005	0.005	0.021	0.0030
81 09 28 1145		.3	1	0.001<	0.005	0.003<	0.002	0.0020
81 10 29 1135		.3	1	0.001<	0.004	0.003<	0.003	0.0010
81 11 24 0945		.3	1	0.001<	0.017	0.005	0.005	0.0020
81 12 21 1145		.3	1	0.001<	0.022	0.003<	0.005	0.0020<
MAXIMUM					**0.022**	**0.005**	**0.021**	**0.0030**
ARITH MEAN					**0.011**	**0.005**	**0.007**	**0.0020**
GEOM MEAN					**0.008**	**0.005**	**0.005**	**0.0019**
MINIMUM					**0.004**	**0.005**	**0.002**	**0.0010**
STD DEV (GEOM *)					**0.008**	**0.000**	**0.008**	**0.0008**
# SAMPLES (IN STATISTICS)					**5**	**2**	**5**	**4**

B.O.W / SITE: **OAKVILLE CREEK**
SAMPLE POINT: **AT CONC.8 UPSTR.OF KELSO RESERVOIR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-010-02**
STORET CODE: **02 006 4340**

LAT: LONG: U T M: **17 0584750.0 4816800.0 4** REGION: **03** DISTANCE: **29.933**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1330		.3	1	37201	8	200C	13000	4<	4<	3.0	12.0		0.002
81 02 26 1100		.3	1	37216	8					1.5	13.5		0.015
81 03 25 1100		.3	1	37231	8	80I	390	4<	4<	5.5	13.0		0.010
81 04 30 1100		.3	1	37246	8	110	1060	10<	10<	10.5	11.8		0.011
81 05 25 1500		.3	1	37262	8	520	8100	68	64	19.0	10.0	0.6	0.010
81 06 29 0930		.3	1	37277	8	390A	4600	70A	120	17.5	9.50	0.2<T	0.013
81 07 27 1605		.3	1	37292	8	860A	8000	160	560	19.5	10.00	0.4	0.012
81 08 30 1715		.3	1	37307	8	43000A	390000	3500	19000	18.0	9.00	0.6	0.045
81 09 28 1130		.3	1	37322	8	1300	2800	40A	100A	10.5	11.00	0.2	0.008
81 10 29 1155		.3	1	37337	8	100A	1600	10A	30A	8.0	11.60	0.8	0.141
81 11 24 1035		.3	1	37352	8	100	690	4<	4	1.5	13.20	0.2<T	0.132
81 12 21 1045		.3	1	37367	8	100	1800	4<	4	0.0	12.00	0.2<T	0.006
MAXIMUM						**43000**	**390000**	**3500**	**19000**	**19.5**	**13.5**	**0.8**	**0.141**
ARITH MEAN						**4251**	**39276**	**641**	**2485**	**10.4**	**11.3**	**0.4<A**	**0.034**
GEOM MEAN						**369**	**3932**	**101**	**89**	**7.4**	**11.2**	**0.3<A**	**0.016**
MINIMUM						**80**	**390**	**10**	**4**	**1.5**	**9.00**	**0.2**	**0.002**
STD DEV (GEOM *)						**6***	**7***	**7***	**16***	**7.1**	**1.4**	**0.2<A**	**0.049**
# SAMPLES (IN STATISTICS)						**11**	**11**	**6**	**8**	**11**	**12**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1330		.3	1		0.008								
81 02 26 1100		.3	1		0.022								
81 03 25 1100		.3	1		0.012								
81 04 30 1100		.3	1		0.006								
81 05 25 1500		.3	1	0.001	0.024	0.30	0.002	0.150	0.150	0.176	0.276	0.452	296
81 06 29 0930		.3	1	0.002	0.002	0.34	0.009	0.200	0.210	0.211	0.338	0.549	357
81 07 27 1605		.3	1	0.004	0.010	0.26	0.003	0.205	0.210	0.218	0.250	0.468	345
81 08 30 1715		.3	1		0.006	0.40					0.394		
81 09 28 1130		.3	1		0.012	0.32					0.308		
81 10 29 1155		.3	1		0.012	0.41					0.398		
81 11 24 1035		.3	1		0.004	0.29					0.286		
81 12 21 1045		.3	1		0.010	0.23					0.220		
MAXIMUM				**0.004**	**0.024**	**0.41**	**0.009**	**0.205**	**0.210**	**0.218**	**0.398**	**0.549**	**357**
ARITH MEAN				**0.002**	**0.011**	**0.32**	**0.005**	**0.185**	**0.190**	**0.202**	**0.309**	**0.490**	**333**
GEOM MEAN				**0.002**	**0.009**	**0.31**	**0.004**	**0.183**	**0.188**	**0.201**	**0.303**	**0.488**	**332**
MINIMUM				**0.001**	**0.002**	**0.23**	**0.002**	**0.150**	**0.150**	**0.176**	**0.220**	**0.452**	**296**
STD DEV (GEOM *)				**0.002**	**0.007**	**0.06**	**0.004**	**0.030**	**0.035**	**0.023**	**0.064**	**0.052**	**32**
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**3**	**3**	**3**	**3**	**8**	**3**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
81 01 28 1330		.3	1		640.0				8.23	7.9			
81 02 26 1100		.3	1		445.0				8.04	8.3			
81 03 25 1100		.3	1		560.0				8.24	7.2			
81 04 30 1100		.3	1		540.0				7.79	7.3			
81 05 25 1500		.3	1	292	540	1.00	34.50	224	8.46	8.70			
81 06 29 0930		.3	1	353	580	0.80	38.00	243	8.39	8.40			
81 07 27 1605		.3	1	343	580	0.78	51.00	211	8.30	8.60			
81 08 30 1715		.3	1		520	1.60	28.50	218	8.25	7.90	1<T	0.38	0.001<
81 09 28 1130		.3	1		560	0.34	30.00	263	8.40	8.11	1<T	0.03	0.001<
81 10 29 1155		.3	1		520	0.47	22.50	243	8.44	8.10	1<T	0.04	0.001<
81 11 24 1035		.3	1		540	0.53	24.50	250	8.40	8.40	1<T	0.05	0.001<
81 12 21 1045		.3	1		610	0.88	38.50	281	8.39	8.50	1<T	0.03	0.001<
MAXIMUM				**353**	**640.0**	**1.60**	**51.00**	**281**	**8.46**	**8.70**	**1**	**0.38**	
ARITH MEAN				**329**	**552**	**0.80**	**33.44**	**242**	**8.28**	**8.1**	**1<A**	**0.11**	
GEOM MEAN				**328**	**550**	**0.72**	**32.40**	**241**	**8.28**	**8.1**	**1<A**	**0.06**	
MINIMUM				**292**	**445.0**	**0.34**	**22.50**	**211**	**7.79**	**7.2**	**1**	**0.03**	
STD DEV (GEOM *)				**33**	**49**	**0.39**	**9.19**	**24**	**0.19**	**0.4**	**0<A**	**0.15**	
# SAMPLES (IN STATISTICS)				**3**	**12**	**8**	**8**	**8**	**12**	**12**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 08 30 1715		.3	1	0.002	0.003<	0.010	0.0020<
81 09 28 1130		.3	1	0.005	0.003<	0.003	0.0010
81 10 29 1155		.3	1	0.010	0.003<	0.014	0.0050
81 11 24 1035		.3	1	0.011	0.006	0.004	0.0020
81 12 21 1045		.3	1	0.008	0.003<	0.003	0.0020<
MAXIMUM				**0.011**	**0.006**	**0.014**	**0.0050**
ARITH MEAN				**0.007**	**0.006**	**0.007**	**0.0027**
GEOM MEAN				**0.006**		**0.006**	**0.0022**
MINIMUM				**0.002**	**0.006**	**0.003**	**0.0010**
STD DEV (GEOM *)				**0.004**		**0.005**	**0.0021**
# SAMPLES (IN STATISTICS)				**5**	**1**	**5**	**3**

B.O.W./ SITE: **EAST OAKVILLE CREEK**
SAMPLE POINT: **AT BASELINE ROAD SIXTEEN VALLEY**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-011-02**
STORET CODE: **02 006 4340**

LAT: LONG: U T M: **17 0598850.0 4816700.0 4** REGION: **03** DISTANCE: **19.633**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1445		.3	1	37206	4	0.260	1400	28000	8	28	0.5	12.5	
81 02 26 1545		.3	1	37221	8	3.440					3.0	12.8	
81 03 25 1350		.3	1	37236	8	0.415	10I	150	4<	4<	8.0	14.2	
81 04 29 1300		.3	1	37251	8	0.507	250	1400	10<	30I	15.0	12.0	
81 05 25 1400		.3	1	37266	7 5	0.229	460	3400	10A	50A	21.0	13.80	1.0
81 06 29 1315		.3	1	37281	7 5	0.168	280A	6400	50A	20A	26.5	11.50	0.4
81 07 27 1020		.3	1	37296	8	0.123	1400	17600	230	820	20.0	10.2	0.4
81 08 30 1850		.3	1	37312	8	0.962	17000	190000	5500	5700	20.5	8.60	0.8
81 09 28 1535		.3	1	A37327	8	0.849	900A	3300	20A	60A	11.0	15.40	0.2<T
81 10 29 1240		.3	1	37342	8	9.730	2700A	69000	710	3400	8.0	10.70	1.4
81 11 24 1650		.3	1	37357	8	1.950	1600	8000	40A	100A	2.0	13.00	0.2<T
81 12 21 1645		.3	1	37372	4 8	0.280	10A	620	10<	10<	0.0		0.4
MAXIMUM						**9.730**	**17000**	**190000**	**5500**	**5700**	**26.5**	**15.40**	**1.4**
ARITH MEAN						**1.576**	**2365**	**29806**	**821**	**1134**	**12.3**	**12.2**	**0.6<A**
GEOM MEAN						**0.629**	**493**	**6158**	**86**	**163**	**7.9**	**12.1**	**0.5<A**
MINIMUM						**0.123**	**10**	**150**	**8**	**20**	**0.5**	**8.60**	**0.2**
STD DEV (GEOM *)						**2.744**	**9***	**8***	**10***	**9***	**8.8**	**1.9**	**0.4<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**8**	**9**	**11**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 27 1445		.3	1	0.038		0.194							
81 02 26 1545		.3	1	0.090		0.160							
81 03 25 1350		.3	1	0.027		0.032							
81 04 29 1300		.3	1	0.011		0.016							
81 05 25 1400		.3	1	0.012	0.001<T	0.014	0.38	0.001<T	0.005<T	0.005<T	0.020	0.366	0.386
81 06 29 1315		.3	1	0.024	0.002	0.004	0.49	0.066	0.025	0.090	0.095	0.486	0.581
81 07 27 1020		.3	1	0.023	0.003	0.004	0.51	0.062	0.005	0.005	0.071	0.506	0.577
81 08 30 1850		.3	1	0.070		0.008	0.65					0.642	
81 09 28 1535		.3	1	0.052		0.040	0.55					0.510	
81 10 29 1240		.3	1	0.320		0.022	1.12					1.098	
81 11 24 1650		.3	1	0.174		0.004	0.29					0.286	
81 12 21 1645		.3	1	0.012		0.016	0.30					0.284	
MAXIMUM				**0.320**	**0.003**	**0.194**	**1.12**	**0.066**	**0.025**	**0.090**	**0.095**	**1.098**	**0.581**
ARITH MEAN				**0.071**	**0.002<A**	**0.043**	**0.54**	**0.043<A**	**0.012<A**	**0.033<A**	**0.083**	**0.545**	**0.579**
GEOM MEAN				**0.040**	**0.002<A**	**0.018**	**0.49**	**0.016<A**	**0.009<A**	**0.013<A**	**0.082**	**0.494**	**0.579**
MINIMUM				**0.011**	**0.001**	**0.004**	**0.29**	**0.001**	**0.005**	**0.005**	**0.071**	**0.284**	**0.577**
STD DEV (GEOM *)				**0.091**	**0.001<A**	**0.064**	**0.27**	**0.036<A**	**0.012<A**	**0.049<A**	**0.017**	**0.276**	**0.003**
# SAMPLES (IN STATISTICS)				**12**	**3**	**12**	**8**	**3**	**3**	**3**	**2**	**7**	**2**

(CONTD)

B.O.W. / SITE: **EAST OAKVILLE CREEK**
SAMPLE POINT: **AT BASELINE ROAD SIXTEEN VALLEY**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OAKVILLE CREEK**

STATION ID: **06-0063-011-02**
STORET CODE: **02 006 4340**

LAT: LONG: U T M: **17 0598850.0 4816700.0 4** REGION: **03** DISTANCE: **19.633**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 27 1445		.3	1			660.0				8.12	8.2		
81 02 26 1545		.3	1			490.0				7.86	7.85		
81 03 25 1350		.3	1			660.0				8.41	7.3		
81 04 29 1300		.3	1			540.0				8.01	7.5		
81 05 25 1400		.3	1	249	243	510	1.20	40.50	173	7.85	8.40		
81 06 29 1315		.3	1	343	338	530	1.50	39.50	187	8.38	8.40		
81 07 27 1020		.3	1	299	296	470	1.23	31.50	178	8.27	8.40		
81 08 30 1850		.3	1			720	3.60	105.00	177	8.17	7.90	1<T	0.50
81 09 28 1535		.3	1			560	3.70	59.00	190	8.42	8.40	1<T	0.14
81 10 29 1240		.3	1			470	51.00	32.00	155	7.92	7.80	1<T	3.05
81 11 24 1650		.3	1			585	15.50	38.50	249	8.33	8.40	1<T	1.06
81 12 21 1645		.3	1			720	2.20	43.50	258	8.18	8.30	1<T	0.09
MAXIMUM				**343**	**338**	**720**	**51.00**	**105.00**	**258**	**8.42**	**8.40**	**1**	**3.05**
ARITH MEAN				**297**	**292**	**576**	**9.99**	**48.69**	**196**	**8.16**	**8.0**	**1<A**	**0.97**
GEOM MEAN				**294**	**290**	**569**	**3.88**	**44.97**	**193**	**8.16**	**8.0**	**1<A**	**0.48**
MINIMUM				**249**	**243**	**470**	**1.20**	**31.50**	**155**	**7.85**	**7.3**	**1**	**0.09**
STD DEV (GEOM *)				**47**	**48**	**92**	**17.24**	**24.30**	**37**	**0.21**	**0.3**	**0<A**	**1.23**
# SAMPLES (IN STATISTICS)				**3**	**3**	**12**	**8**	**8**	**8**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 08 30 1850		.3	1	0.001<	0.004	0.003<	0.002	0.0020<
81 09 28 1535		.3	1	0.001<	0.004	0.004	0.002	0.0020
81 10 29 1240		.3	1	0.001<	0.011	0.008	0.008	0.0040
81 11 24 1650		.3	1	0.001<	0.013	0.003<	0.006	0.0030
81 12 21 1645		.3	1	0.001<	0.012	0.003<	0.003	0.0020
MAXIMUM					**0.013**	**0.008**	**0.008**	**0.0040**
ARITH MEAN					**0.009**	**0.006**	**0.004**	**0.0027**
GEOM MEAN					**0.008**	**0.006**	**0.004**	**0.0026**
MINIMUM					**0.004**	**0.004**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.004**	**0.003**	**0.003**	**0.0010**
# SAMPLES (IN STATISTICS)					**5**	**2**	**5**	**4**

B.O.W. / SITE: **RATTRAY MARSH**
SAMPLE POINT: **AT MEADOW WOOD ROAD CLARKSON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **RATTRAY CREEK**

STATION ID: **06-0068-001-02**
STORET CODE: **02 004 0068**

LAT: LONG: U T M: **17 0611850.0 4818800.0 4** REGION: **03** DISTANCE: **1.448**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 16 1150		.3	1	37012	6.4	16000C	580000	3200	3550	0.0	10.6	8.0	0.475
81 03 16 1035		.3	1	37024	6	3100	3800	900	100I	0.5	16.8	1.0	0.023
81 04 20 1515		.3	1	37047	6	60I	550	4<	4	15.0	11.6		0.033
81 05 20 1040		.3	1	37049	8	2400A	114000	10<	10A	14.0	11.20	1.2	0.038
81 06 22 1105		.3	1	37060		60000A	530000	4900	37000	17.5	7.80	2.0	0.102
81 07 22 1055		.3	1	37071	6	1000A	1800000	90A	700A	17.5	7.40	0.6	0.052
81 08 20 1300		.3	1	37082	6	11000	220000	100<	300A	20.0	11.0	0.6	0.031
81 09 24 1110		.3	1	37093	6	5500A	44000	110	700	10.0	10.20	0.6	0.039
81 10 21 1250		.3	1	37105		21000	111000	1340	3000>	9.0	10.00	6.0	0.175
81 11 23 1015		.3	1	37116	6	5400	10900	290	480	3.5	12.40	0.6	0.072
81 12 17 1040		.3	1	37127	6	1600	3200	380	140		14.80	0.8	0.007
MAXIMUM						**60000**	**1800000**	**4900**	**37000**	**20.0**	**16.8**	**8.0**	**0.475**
ARITH MEAN						**11561**	**310677**	**1401**	**4298**	**11.9**	**11.2**	**2.1**	**0.096**
GEOM MEAN						**4042**	**50064**	**616**	**296**	**8.4**	**10.9**	**1.3**	**0.052**
MINIMUM						**60**	**550**	**90**	**4**	**0.5**	**7.40**	**0.6**	**0.007**
STD DEV (GEOM *)						**6***	**13***	**4***	**14***	**6.7**	**2.7**	**2.6**	**0.134**
# SAMPLES (IN STATISTICS)						**11**	**11**	**8**	**10**	**9**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 16 1150		.3	1	0.280	8.500	10.900	0.140	2.660		11.300	2.400	13.700	1277.0
81 03 16 1035		.3	1	0.006	0.016	0.290	0.014	3.940		3.970	0.274	4.244	1459.0
81 04 20 1515		.3	1	0.007	0.092	0.630	0.020	1.680		1.792	0.538	2.330	1018.0
81 05 20 1040		.3	1	0.002	0.048	0.74	0.011	1.340	1.350	1.399	0.692	2.091	964
81 06 22 1105		.3	1	0.058	0.002<T	0.80	0.006	1.350	1.350	1.358	0.798	2.156	326
81 07 22 1055		.3	1	0.032	0.020	0.50	0.005	2.150	2.150	2.175	0.480	2.655	900
81 08 20 1300		.3	1		0.018	0.40					0.382		
81 09 24 1110		.3	1		0.026	0.59					0.564		
81 10 21 1250		.3	1		0.076	0.55					0.474		
81 11 23 1015		.3	1		0.022	0.66					0.638		
81 12 17 1040		.3	1		0.036	0.33					0.294		
MAXIMUM				**0.280**	**8.500**	**10.900**	**0.140**	**3.940**	**2.150**	**11.300**	**2.400**	**13.700**	**1459.0**
ARITH MEAN				**0.084**	**0.805<A**	**1.49**	**0.033**	**2.187**	**1.617**	**3.666**	**0.686**	**4.529**	**990**
GEOM MEAN				**0.019**	**0.042<A**	**0.68**	**0.016**	**2.023**	**1.577**	**2.632**	**0.563**	**3.428**	**901**
MINIMUM				**0.002**	**0.002**	**0.290**	**0.006**	**1.340**	**1.350**	**1.358**	**0.274**	**2.091**	**326**
STD DEV (GEOM *)				**0.108**	**2.552<A**	**3.12**	**0.053**	**0.997**	**0.462**	**3.862**	**0.591**	**4.563**	**388**
# SAMPLES (IN STATISTICS)				**6**	**11**	**11**	**6**	**6**	**3**	**6**	**11**	**6**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:		RSP		RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT	
81 02 16 1150		.3	1	48.0		2200.0	16.00	525.000			7.7		
81 03 16 1035		.3	1	7.0		2300.0	1.40	525.000			7.55		
81 04 20 1515		.3	1	5.0		1820.0	3.50	417.000			8.0		
81 05 20 1040		.3	1		960	1700	6.00	397.00	145	8.34	8.00		
81 06 22 1105		.3	1		314	600	14.00	112.00	84	7.75	7.00		
81 07 22 1055		.3	1		899	1360	0.72	267.50	177	8.21			
81 08 20 1300		.3	1			1440	0.37	297.00	185	8.30	7.55	1<T	0.04
81 09 24 1110		.3	1			1430	0.30	274.00	216	8.18	7.00	1<T	0.04
81 10 21 1250		.3	1			320	30.00	40.00	67	7.45	6.30	3	1.66
81 11 23 1015		.3	1			1080	4.50	150.00	218	8.30	7.20	1<T	0.22
81 12 17 1040		.3	1			1550	0.77	292.00	176	8.18	7.10	1<T	0.02
MAXIMUM				**48.0**	**960**	**2300.0**	**30.00**	**525.000**	**218**	**8.34**	**8.0**	**3**	**1.66**
ARITH MEAN				**20.0**	**724**	**1436**	**7.05**	**299.68**	**158**	**8.09**	**7.3**	**1<A**	**0.40**
GEOM MEAN				**11.9**	**647**	**1271**	**2.70**	**245.46**	**147**	**8.08**	**7.3**	**1<A**	**0.10**
MINIMUM				**5.0**	**314**	**320**	**0.30**	**40.00**	**67**	**7.45**	**6.30**	**1**	**0.02**
STD DEV (GEOM *)				**24.3**	**357**	**603**	**9.36**	**158.61**	**56**	**0.32**	**0.5**	**1<A**	**0.71**
# SAMPLES (IN STATISTICS)				**3**	**3**	**11**	**11**	**11**	**8**	**8**	**10**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		ASUT		CUUT	PBUT	ZNUT	NIUT	
81 08 20 1300		.3	1	0.001<				
81 09 24 1110		.3	1	0.001<	0.007	0.005	0.095	0.0020
81 10 21 1250		.3	1	0.001<	0.006	0.019	0.038	0.0030
81 11 23 1015		.3	1	0.001<	0.023	0.006	0.016	0.0040
81 12 17 1040		.3	1	0.001<	0.018	0.006	0.002	0.004
MAXIMUM					**0.023**	**0.019**	**0.095**	**0.004**
ARITH MEAN					**0.013**	**0.009**	**0.038**	**0.003**
GEOM MEAN					**0.011**	**0.008**	**0.018**	**0.003**
MINIMUM					**0.006**	**0.006**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.008**	**0.007**	**0.041**	**0.001**
# SAMPLES (IN STATISTICS)					**4**	**4**	**4**	**4**

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **HIGHWAY 5 ERINDALE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-002-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0608390.0 4821825.0 4** REGION: **03** DISTANCE: **7.886**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:		SAMPLE		FWSTRC	FWFLOW	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	
81 02 19 1545		.3	1	31095	6	80.000	1100	7800	1.0	12.9		0.455	0.092
81 03 05 1540		.3	1	31014	4	8.100			1.5	13.0		0.058	0.021
81 04 10 1510		.3	1	31088	0 6 8	5.530			15.0	11.80		0.017	0.004
81 04 24 1030		.3	1	31092	6 8	6.480			6.9	12.50		0.183	0.061
81 05 07 1540		.3	1	31157	6 8	4.180			16.8	10.40		0.020	0.004
81 06 10 1310		.3	1	31218	6 8	3.900			20.0	10.30		0.053	0.003
81 07 08 1250		.3	1	31276	6 8	6.570			22.5	6.30		0.088	0.032
81 08 07 1322		.3	1	31340	6 8	4.400			22.0	10.00		0.158	0.130
81 09 10 1030		.3	1	31397	8	5.570			16.0	12.80	1.0	0.075	0.022
81 10 16 1500		.3	1	31463	8	4.830			11.2	12.20	0.4	0.045	0.005
81 11 12 1000		.3	1	31521	8	5.360			4.0	15.20	1.8	0.014	0.008
81 12 04 0947		.3	1	31585	8	8.870			4.5	16.40	2.4	0.040	0.007
MAXIMUM						**80.000**	**1100**	**7800**	**22.5**	**16.40**	**2.4**	**0.455**	**0.130**
ARITH MEAN						**11.982**	**1100**	**7800**	**11.8**	**11.9**	**1.4**	**0.100**	**0.032**
GEOM MEAN						**7.007**			**8.1**	**11.6**	**1.1**	**0.060**	**0.015**
MINIMUM						**3.900**	**1100**	**7800**	**1.0**	**6.30**	**0.4**	**0.014**	**0.003**
STD DEV (GEOM *)						**21.473**			**8.0**	**2.6**	**0.9**	**0.124**	**0.041**
# SAMPLES (IN STATISTICS)						**12**	**1**	**1**	**12**	**12**	**4**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L
TEST-NAME:		NNHTFR		NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	
81 02 19 1545		.3	1										274.00
81 03 05 1540		.3	1										18.00
81 04 10 1510		.3	1	0.060									5
81 04 24 1030		.3	1	0.022									51
81 05 07 1540		.3	1										7
81 06 10 1310		.3	1										33
81 07 08 1250		.3	1										42
81 08 07 1322		.3	1		0.50	0.021	0.635	0.655			1.156		13.4
81 09 10 1030		.3	1	0.032	0.52	0.010	0.820	0.830	0.862	0.488	1.350	422	31.6
81 10 16 1500		.3	1	0.056	0.40	0.008	0.730	0.730	0.794	0.344	1.138	353	6.0
81 11 12 1000		.3	1	0.046	0.40	0.004	1.250	1.250	1.300	0.354	1.654	379	3.3
81 12 04 0947		.3	1	0.032	0.48	0.021	1.580	1.600	1.633	0.448	2.081	371	7.5
MAXIMUM				**0.060**	**0.52**	**0.021**	**1.580**	**1.600**	**1.633**	**0.488**	**2.081**	**422**	**274.00**
ARITH MEAN				**0.041**	**0.46**	**0.013**	**1.003**	**1.013**	**1.147**	**0.408**	**1.476**	**381**	**40**
GEOM MEAN				**0.039**	**0.46**	**0.011**	**0.944**	**0.955**	**1.098**	**0.404**	**1.436**	**380**	**17**
MINIMUM				**0.022**	**0.40**	**0.004**	**0.635**	**0.655**	**0.794**	**0.344**	**1.138**	**353**	**3.3**
STD DEV (GEOM *)				**0.015**	**0.06**	**0.008**	**0.399**	**0.401**	**0.394**	**0.071**	**0.397**	**29**	**75**
# SAMPLES (IN STATISTICS)				**6**	**5**	**5**	**5**	**5**	**4**	**4**	**5**	**4**	**12**

(CONTD)

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **HIGHWAY 5 ERINDALE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-002-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0608390.0 4821825.0 4** REGION: **03** DISTANCE: **7.886**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR
81 02 19 1545	.3	1	1	247.000	380.0			114.0	7.23	7.9	0.005	0.040<	0.010
81 03 05 1540	.3	1	1	374.00	620.0			214.0	8.23	7.9	0.001<	2.090	0.005
81 04 10 1510	.3	1	1	342	580			198	8.50	8.20	0.001<	0.06	0.010
81 04 24 1030	.3	1	1	350	580			206	8.46	7.70	0.001<	0.10 U	0.008
81 05 07 1540	.3	1	1	345				196	8.47	8.40	0.001<	0.12 U	0.002 <
81 06 10 1310	.3	1	1	311				186	8.64	8.60	0.001<	0.06 <	0.0050
81 07 08 1250	.3	1	1	315				192	8.49	8.55	0.001		0.0030
81 08 07 1322	.3	1	1	352				185	8.52	8.65	0.001<	0.05 <	0.0040
81 09 10 1030	.3	1	1	390	590	14.40	39.50	225	8.43	7.60	0.001	0.60 U	0.0050
81 10 16 1500	.3	1	1	347	550	1.22	42.00	196	8.51	8.75	0.001<	0.04 <	0.0040
81 11 12 1000	.3	1	1	376	620	1.35	44.50	230	8.54	8.20	0.001<	0.08 <	0.0100
81 12 04 0947	.3	1	1	363	590	3.50	39.00	220	8.61	8.40	0.001<	0.03 <	0.0050
MAXIMUM				**390**	**620.0**	**14.40**	**44.50**	**230**	**8.64**	**8.75**	**0.005**	**2.090**	**0.0100**
ARITH MEAN				**342**	**563**	**5.12**	**41.25**	**196**	**8.39**	**8.2**	**0.002**	**0.59**	**0.006**
GEOM MEAN				**340**	**558**	**3.02**	**41.19**	**194**	**8.38**	**8.2**	**0.002**	**0.24**	**0.005**
MINIMUM				**247.000**	**380.0**	**1.22**	**39.00**	**114.0**	**7.23**	**7.60**	**0.001**	**0.06**	**0.0030**
STD DEV (GEOM *)				**37**	**77**	**6.28**	**2.53**	**30**	**0.38**	**0.3**	**0.002**	**0.86**	**0.002**
# SAMPLES (IN STATISTICS)				**12**	**8**	**4**	**4**	**12**	**12**	**12**	**3**	**5**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 02 19 1545	.3	1	1	0.014	0.008	0.001	0.047	20<W
81 03 05 1540	.3	1	1	0.002	0.003<	0.0002<	0.009	20<W
81 04 10 1510	.3	1	1	0.002	0.003<	0.0003	0.004	20<W
81 04 24 1030	.3	1	1	0.008	0.013	0.0009	0.021	20<W
81 05 07 1540	.3	1	1	0.001<	0.003<	0.0002<	0.002	20<W
81 06 10 1310	.3	1	1	0.006	0.017	0.0002	0.014	20<W
81 07 08 1250	.3	1	1	0.088	0.004	0.0020	0.018	30
81 08 07 1322	.3	1	1	0.076	0.014	0.0020	0.012	20<W
81 09 10 1030	.3	1	1	0.016	0.003<	0.0002	0.010	20<W
81 10 16 1500	.3	1	1	0.015	0.009	0.0004	0.003	20<W
81 11 12 1000	.3	1	1	0.019	0.005	0.0002	0.007	20<W
81 12 04 0947	.3	1	1	0.008	0.003<	0.0001<	0.006	20<W
MAXIMUM				**0.088**	**0.017**	**0.0020**	**0.047**	
ARITH MEAN				**0.023**	**0.010**	**0.000**	**0.013**	
GEOM MEAN				**0.012**	**0.009**	**0.000**	**0.009**	
MINIMUM				**0.002**	**0.004**	**0.0002**	**0.002**	
STD DEV (GEOM *)				**0.030**	**0.005**	**0.000**	**0.012**	
# SAMPLES (IN STATISTICS)				**11**	**7**	**9**	**12**	

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **HIGHWAY 7 NORVAL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-003-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0592200.0 4833175.0 4** REGION: **03** DISTANCE: **34.439**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1225	.3	1	37003	4	690C	2400	16	156	0.0	10.8	0.4	0.040
81 02 16 1425	.3	1	37015	6	1400	5700	200	100	0.0	12.6	1.2	0.058
81 03 16 1245	.3	1	37027	6	100	560	10<	10<	1.0	11.6	0.5	0.032
81 04 20 1400	.3	1	37044	6	10I	350	10<	10I	9.0	11.4		0.010
81 05 20 1215	.3	1	37052	8	370A	15400	10A	4<	14.0	11.20	1.4	0.040
81 06 22 1305	.3	1	37063		9600A	56000	1210	1500>	17.5	8.40	1.0	0.113
81 07 22 1225	.3	1	37074	6	380A	42000	60A	760	19.0	9.20	0.6	0.033
81 08 20 1430	.3	1	37085	6	1000	11000	20A	100A	21.0	10.2	0.6	0.040
81 09 24 1320	.3	1	37096	6	420A	13800	50A	60A	12.0	12.00	0.2<T	0.030
81 10 21 1400	.3	1	37108	6	780A	7600	260	190	7.5	9.80	0.2	0.048
81 11 23 1155	.3	1	37119	6	3300	6900	30A	180	1.5	12.20	0.6	0.025
81 12 17 1230	.3	1	37130	6	1240	3400	230	40A		12.80	1.4	0.018
MAXIMUM					**9600**	**'56000**	**1210**	**760**	**21.0**	**12.80**	**1.4**	**0.113**
ARITH MEAN					**1607**	**13759**	**209**	**177**	**11.4**	**11.0**	**0.7<A**	**0.041**
GEOM MEAN					**589**	**6095**	**73**	**100**	**7.9**	**10.9**	**0.6<A**	**0.035**
MINIMUM					**10**	**350**	**10**	**10**	**1.0**	**8.40**	**0.2**	**0.010**
STD DEV (GEOM *)					**6***	**5***	**5***	**3***	**7.3**	**1.3**	**0.4<A**	**0.026**
# SAMPLES (IN STATISTICS)					**12**	**12**	**10**	**9**	**9**	**12**	**11**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 15 1225		.3	1	0.027	0.146	0.560	0.075	2.520		2.741	0.414	3.155	361.0
81 02 16 1425		.3	1	0.023	0.276	0.580	0.024	2.000		2.300	0.304	2.604	414.0
81 03 16 1245		.3	1	0.011	0.332	0.660	0.013	1.740		2.085	0.328	2.413	392.0
81 04 20 1400		.3	1	0.005	0.040	0.390	0.026	1.420		1.486	0.350	1.836	347.0
81 05 20 1215		.3	1	0.013	0.008	0.64			1.000		0.632	1.640	329
81 06 22 1305		.3	1	0.033	0.002<T	0.62	0.006	1.400	1.400	1.408	0.618	2.026	333
81 07 22 1225		.3	1	0.007	0.032	0.47	0.032	0.970	1.000	1.034	0.438	1.472	343
81 08 20 1430		.3	1	0.022	8.000	0.50	0.001<T	1.300	1.300	9.301	7.500	1.801	342
81 09 24 1320		.3	1	0.007	0.016	0.40	0.047	1.200	1.250	1.263	0.384	1.647	362
81 10 21 1400		.3	1	0.018	0.040	0.51	0.015	1.080	1.100	1.135	0.470	1.605	361
81 11 23 1155		.3	1	0.011	0.058	0.49	0.019	2.380	1.400	2.457	0.432	2.889	353
81 12 17 1230		.3	1		0.008	0.34	0.022	1.930	1.950	1.960	0.332	2.292	366
	MAXIMUM			**0.033**	**8.000**	**0.660**	**0.075**	**2.520**	**1.950**	**9.301**	**7.500**	**3.155**	**414.0**
	ARITH MEAN			**0.016**	**0.746<A**	**0.51**	**0.025<A**	**1.631**	**1.300**	**2.470**	**1.017**	**2.115**	**358**
	GEOM MEAN			**0.014**	**0.054<A**	**0.50**	**0.017<A**	**1.558**	**1.272**	**1.979**	**0.529**	**2.053**	**357**
	MINIMUM			**0.005**	**0.002**	**0.34**	**0.001**	**0.970**	**1.000**	**1.034**	**0.304**	**1.472**	**329**
	STD DEV (GEOM *)			**0.009**	**2.287<A**	**0.10**	**0.021<A**	**0.522**	**0.308**	**2.336**	**2.044**	**0.551**	**24**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**11**	**11**	**8**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 15 1225		.3	1	8.0	353.0	640.0		38.500			7.7		
81 02 16 1425		.3	1	18.0	396.0	660.0		52.000			7.8		
81 03 16 1245		.3	1	8.0	384.0	600.0		37.000			8.0		
81 04 20 1400		.3	1	4.0	343.0	560.0		36.500			7.7		
81 05 20 1215		.3	1		321	570	1.00		205	8.51	7.20		
81 06 22 1305		.3	1		276	510	7.70	37.00	178	8.24	7.60		
81 07 22 1225		.3	1		333	560	3.20	41.50	205	8.47			
81 08 20 1430		.3	1		332	560	0.98	39.00	204	8.46	0.77		
81 09 24 1320		.3	1		358	600	0.69	45.00	220	8.49	7.75	0.003	0.004
81 10 21 1400		.3	1		352	580	5.10	39.50	226	8.51	7.30	0.008	0.010
81 11 23 1155		.3	1		347	564	4.50	33.50	220	8.36	7.40	0.013	0.006
81 12 17 1230		.3	1		357	610	3.70	41.00	198	8.57	7.55	0.011	0.007
	MAXIMUM			**18.0**	**396.0**	**660.0**	**7.70**	**52.000**	**226**	**8.57**	**8.0**	**0.013**	**0.010**
	ARITH MEAN			**9.5**	**346**	**584**	**3.36**	**40.04**	**207**	**8.45**	**6.9**	**0.009**	**0.007**
	GEOM MEAN			**8.2**	**344**	**583**	**2.48**	**39.78**	**206**	**8.45**	**6.1**	**0.008**	**0.006**
	MINIMUM			**4.0**	**276**	**510**	**0.69**	**33.50**	**178**	**8.24**	**0.77**	**0.003**	**0.004**
	STD DEV (GEOM *)			**6.0**	**30**	**40**	**2.44**	**4.98**	**15**	**0.10**	**2.0**	**0.004**	**0.002**
	# SAMPLES (IN STATISTICS)			**4**	**12**	**12**	**8**	**11**	**8**	**8**	**11**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 09 24 1320		.3	1	0.002
81 10 21 1400		.3	1	0.001<
81 11 23 1155		.3	1	0.003
81 12 17 1230		.3	1	0.001
	MAXIMUM			**0.003**
	ARITH MEAN			**0.002**
	GEOM MEAN			**0.002**
	MINIMUM			**0.001**
	STD DEV (GEOM *)			**0.001**
	# SAMPLES (IN STATISTICS)			**3**

B.O.W./ SITE: **CREDIT RIVER WEST BRANCH**
SAMPLE POINT: **HIGHWAY 7 NORVAL**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-004-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0591420.0 4833025.0 4** REGION: **03** DISTANCE: **34.922**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 15 1235		.3	1	37004	6	0.362	7600C	24000	1520	432	0.0	11.8	2.0
81 02 16 1440		.3	1	37016	6	1.130	6900C	24000	5700	1600	0.0	12.2	7.0
81 03 16 1300		.3	1	37028	6	1.010	20I	210	10<	10<	2.0	10.6	1.0
81 04 20 1350		.3	1	37043	6	0.955	40I	610	10<	10<	9.0	12.0	
81 05 20 1225		.3	1	37053	8	0.685	90A	24000>	4<	4	15.0	9.60	6.4
81 06 22 1320		.3	1	37064		1.250	20000A	160000	2000	5400	17.0	8.00	3.2
81 07 22 1245		.3	1	37075	6	0.352	1000<	160000	100<	100A	19.5	9.20	0.8
81 08 20 1450		.3	1	37086	6	0.392	3000>	3000>	2400	600A	21.0	9.00	1.0
81 09 24 1330		.3	1	37097	6	0.555	600A	25000	120A	20<	12.0	11.60	0.2<T
81 10 21 1415		.3	1	37109	6	1.100	6300A	33000	1080	2800	7.5	11.00	0.8
81 11 23 1200		.3	1	37120	6	1.750	1540	2580	110	130	3.0		0.6
81 12 17 1250		.3	1	37131	6	0.742	1480	3800	100	180	1.0	13.00	1.6
	MAXIMUM					**1.750**	**20000**	**160000**	**5700**	**5400**	**21.0**	**13.00**	**7.0**
	ARITH MEAN					**0.857**	**4457**	**43320**	**1629**	**1250**	**10.7**	**10.7**	**2.2<A**
	GEOM MEAN					**0.760**	**958**	**10433**	**702**	**339**	**7.4**	**10.6**	**1.4<A**
	MINIMUM					**0.352**	**20**	**210**	**100**	**4**	**1.0**	**8.00**	**0.2**
	STD DEV (GEOM *)					**0.423**	**11***	**9***	**5***	**9***	**7.3**	**1.5**	**2.4<A**
	# SAMPLES (IN STATISTICS)					**12**	**10**	**10**	**8**	**9**	**10**	**11**	**11**

(CONTD)

B.O.W./ SITE: **CREDIT RIVER WEST BRANCH**
SAMPLE POINT: **HIGHWAY 7 NORVAL**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-004-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0591420.0 4833025.0 4** REGION: **03** DISTANCE: **34.922**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 15 1235		.3	1	0.199	0.160	0.640	1.280	0.490	6.910		8.040	0.640	8.680
81 02 16 1440		.3	1	0.515	0.076	0.810	3.300	0.115	4.790		5.715	2.490	8.205
81 03 16 1300		.3	1	0.075	0.044	1.970	2.600	0.047	3.200		5.217	0.630	5.847
81 04 20 1350		.3	1	0.030	0.022	0.044	0.770	0.400	4.450		4.894	0.726	5.620
81 05 20 1225		.3	1	0.123	0.079	0.008	2.10	0.011	4.190	4.200	4.209	2.092	6.301
81 06 22 1320		.3	1	0.336	0.103	0.002<T	1.32	0.006	4.200	4.200	4.208	1.318	5.526
81 07 22 1245		.3	1	0.135	0.077	0.080	0.71	0.088	6.92	7.000	7.088	0.630	7.718
81 08 20 1450		.3	1	0.125	0.098	0.006	0.84	0.001<T	5.000	5.000	5.007	0.834	5.841
81 09 24 1330		.3	1	0.045	0.020	0.006	0.47	0.021	2.430	3.450	2.457	0.464	2.921
81 10 21 1415		.3	1	0.082	0.046	0.056	0.58	0.030	2.470	2.500	2.556	0.524	3.080
81 11 23 1200		.3	1	0.049	0.035	0.026	0.47	0.005	2.700	2.700	2.731	0.444	3.175
81 12 17 1250		.3	1	0.046	0.026	0.006	0.48	0.070	5.180	5.250	5.256	0.474	5.730
MAXIMUM				**0.515**	**0.160**	**1.970**	**3.300**	**0.490**	**6.92**	**7.000**	**8.040**	**2.490**	**8.680**
ARITH MEAN				**0.147**	**0.065**	**0.304<A**	**1.24**	**0.107<A**	**4.37**	**4.287**	**4.781**	**0.939**	**5.720**
GEOM MEAN				**0.102**	**0.054**	**0.040<A**	**0.98**	**0.032<A**	**4.12**	**4.071**	**4.486**	**0.784**	**5.390**
MINIMUM				**0.030**	**0.020**	**0.002**	**0.47**	**0.001**	**2.430**	**2.500**	**2.457**	**0.444**	**2.921**
STD DEV (GEOM *)				**0.144**	**0.042**	**0.591<A**	**0.93**	**0.163<A**	**1.53**	**1.475**	**1.719**	**0.679**	**1.922**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 15 1235		.3	1	637.0	6.0	631.0	1100.0		145.000			7.8	
81 02 16 1440		.3	1	1134.0	346.0	788.0	1380.0		288.000			7.8	
81 03 16 1300		.3	1	604.0	6.0	598.0	960.0		123.000			7.85	
81 04 20 1350		.3	1	557.0	3.0	554.0	900.0		119.000			7.5	
81 05 20 1225		.3	1	537		531	900	1.50		222	7.91	7.40	
81 06 22 1320		.3	1	487		350	700	12.00	89	163	7.92	7.40	
81 07 22 1245		.3	1	638		631	1020	2.40	162.00	202	8.45		
81 08 20 1450		.3	1	565	6.9	558	940	0.82	119.00	227	8.41	0.72	1<T
81 09 24 1330		.3	1	550	2.2	548	920	0.81	111.00	245	8.43	7.75	1<T
81 10 21 1415		.3	1	459	8.0	451	740	4.10	79.00	232	8.40	7.30	1<T
81 11 23 1200		.3	1	460	2.5	457	719	2.20	67.00	237	8.43	7.20	1<T
81 12 17 1250		.3	1	549	3.3	546	940	1.22	113.00	221	8.66	7.60	1<T
MAXIMUM				**1134.0**	**346.0**	**788.0**	**1380.0**	**12.00**	**288.000**	**245**	**8.66**	**7.85**	**1**
ARITH MEAN				**598**	**42.7**	**553**	**934**	**3.13**	**128**	**219**	**8.33**	**6.9**	**1<A**
GEOM MEAN				**580**	**6.9**	**543**	**919**	**2.05**	**119**	**217**	**8.32**	**6.1**	**1<A**
MINIMUM				**459**	**2.2**	**350**	**700**	**0.81**	**67.00**	**163**	**7.91**	**0.72**	**1**
STD DEV (GEOM *)				**179**	**113.8**	**109**	**184**	**3.74**	**59**	**26**	**0.27**	**2.0**	**0<A**
# SAMPLES (IN STATISTICS)				**12**	**9**	**12**	**12**	**8**	**11**	**8**	**8**	**11**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 20 1450		.3	1	0.19					
81 09 24 1330		.3	1	0.08	0.0030	0.004	0.004	0.002	0.0040
81 10 21 1415		.3	1	0.32	0.0050	0.010	0.009	0.004	0.0050
81 11 23 1200		.3	1	0.10	0.0050	0.020	0.006	0.005	0.0040
81 12 17 1250		.3	1	0.09	0.005	0.014	0.005	0.002	0.010
MAXIMUM				**0.32**	**0.005**	**0.020**	**0.009**	**0.005**	**0.010**
ARITH MEAN				**0.16**	**0.004**	**0.012**	**0.006**	**0.003**	**0.005**
GEOM MEAN				**0.13**	**0.004**	**0.010**	**0.006**	**0.003**	**0.005**
MINIMUM				**0.08**	**0.0030**	**0.004**	**0.004**	**0.002**	**0.0040**
STD DEV (GEOM *)				**0.10**	**0.001**	**0.007**	**0.002**	**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**5**	**4**	**4**	**4**	**4**	**4**

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **HIGHWAY 10 DNSTR.FROM ORANGEVILLE STP**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-006-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0575210.0 4862025.0 4** REGION: **03** DISTANCE: **83.684**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1140		.3	1	38308	4	0.547	400I	1800	16	4<	0.1	5.4	1.0
81 01 16 0935		.3	1	37010	4	0.482	630C	3000	10<	10I	0.0	10.2	0.6
81 02 10 1145		.3	1	38351	4	0.520	740	4200	88	8	1.2	5.2	1.1
81 02 17 1145		.3	1	37022	6	1.030	1200	14000	30I	70I	0.0	12.8	1.4
81 03 17 0905		.3	1	37035	6	0.459	510	1330	10<	10I	0.0	8.0	0.6
81 03 26 1120		.3	1	38446	5	0.498	860	3000>	8	12	6.0	10.20	0.6
81 04 20 1000		.3	1	37036	6	0.353	760C	13000	10I	10<	6.0	10.6	
81 04 29 1105		.3	1	38504	6	0.310	3500	30000>	10A	10<	13.0	8.00	2.4
81 05 20 1120		.3	1	38535	5 9	0.282	6600A	27000	80A	10A	13.0	9.90	1.6
81 06 29 1125		.3	1	38595	6 7	0.212	700A	35000	10A	20A	19.5	7.30	2.0
81 07 29 1135		.3	1	38624	3 7	1.040	12400A	60000	800	1500>	13.0	4.30	1.0
81 08 11 1140		.3	1	38649	6 7	0.420	3500A	110000	80A	160	18.0	5.50	0.8
81 09 28 1130		.3	1	38718	8	0.361	2200	6300	20A	30A	12.0	3.80	0.4
81 10 19 1125		.3	1	38778	8	0.669	3700	22000	60A	170	4.0	7.30	0.0

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5
81 11 18 1015		.3	1	38831	8	0.830	1800	18000	20A	50A	3.5	6.40	0.2<T
81 12 14 1035		.3	1	38875	4	0.853	940	2000	10<	20A	0.5	9.10	0.6
		MAXIMUM				**1.040**	**12400**	**110000**	**800**	**170**	**19.5**	**12.8**	**2.4**
		ARITH MEAN				**0.554**	**2527**	**22688**	**95**	**47**	**8.4**	**7.7**	**1.0<A**
		GEOM MEAN				**0.501**	**1509**	**10390**	**32**	**26**	**4.5**	**7.3**	**0.8<A**
		MINIMUM				**0.212**	**400**	**1330**	**8**	**8**	**0.1**	**3.80**	**0.2**
		STD DEV (GEOM *)				**0.259**	**3***	**4***	**4***	**3***	**6.6**	**2.5**	**0.6<A**
		# SAMPLES (IN STATISTICS)				**16**	**16**	**14**	**13**	**12**	**13**	**16**	**14**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 14 1140		.3	1	0.065	0.045	0.234	0.660	0.013	4.640		4.887	0.426	5.313
81 01 16 0935		.3	1	0.060	0.022	0.218	0.750	0.013	2.300		2.531	0.532	3.063
81 02 10 1145		.3	1	0.085	0.059	1.830	2.450	0.018	2.630		4.478	0.620	5.098
81 02 17 1145		.3	1	0.055	0.022	0.770	1.340	0.014	1.740		2.524	0.570	3.094
81 03 17 0905		.3	1	0.069	0.046	1.020	1.380	0.020	3.380		4.420	0.360	4.780
81 03 26 1120		.3	1	0.053	0.030	0.062	0.46	0.016	3.080	3.100	3.158	0.398	3.556
81 04 20 1000		.3	1	0.047	0.035	0.010	0.640	0.220	6.430		6.660	0.630	7.290
81 04 29 1105		.3	1	0.080	0.046	2.00	2.66	0.175	2.18	2.350	4.355	0.660	5.015
81 05 20 1120		.3	1	0.159	0.056	0.184	1.07	0.750	1.50	2.250	2.434	0.886	3.320
81 06 29 1125		.3	1	0.186		0.008	0.80	0.026	0.635	0.660	0.669	0.792	1.461
81 07 29 1135		.3	1	0.177	0.105	0.016	0.61	0.095	0.095	0.190	0.206	0.594	0.800
81 08 11 1140		.3	1	0.262	0.245	0.006	0.50	0.001	0.135	0.135	0.142	0.494	0.636
81 09 28 1130		.3	1	0.121	0.095	0.020	0.40	0.017	0.250	0.265	0.287	0.380	0.667
81 10 19 1125		.3	1	0.105		0.026	0.48	0.003	1.350	1.350	1.379	0.454	1.833
81 11 18 1015		.3	1	0.083	0.058	0.028	0.55	0.006	1.540	1.550	1.574	0.522	2.096
81 12 14 1035		.3	1	0.043	0.031	0.016	0.47	0.003	2.500	2.500	2.519	0.454	2.973
		MAXIMUM		**0.262**	**0.245**	**2.00**	**2.66**	**0.750**	**6.430**	**3.100**	**6.660**	**0.886**	**7.290**
		ARITH MEAN		**0.103**	**0.064**	**0.40**	**0.95**	**0.087**	**2.14**	**1.435**	**2.639**	**0.548**	**3.187**
		GEOM MEAN		**0.089**	**0.051**	**0.08**	**0.78**	**0.020**	**1.34**	**0.909**	**1.685**	**0.531**	**2.540**
		MINIMUM		**0.043**	**0.022**	**0.006**	**0.40**	**0.001**	**0.095**	**0.135**	**0.142**	**0.360**	**0.636**
		STD DEV (GEOM *)		**0.062**	**0.058**	**0.66**	**0.69**	**0.188**	**1.69**	**1.087**	**1.921**	**0.147**	**1.926**
		# SAMPLES (IN STATISTICS)		**16**	**14**	**16**	**16**	**16**	**16**	**10**	**16**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 14 1140		.3	1	450.0	4.0	446.0	740.0	1.40	72.000			7.41	7.25
81 01 16 0935		.3	1	433.0	4.0	429.0	720.0		67.000			7.45	7.5
81 02 10 1145		.3	1	492.0	4.0	488.0	820.0	1.20	18.000			7.56	7.25
81 02 17 1145		.3	1	392.0	8.0	384.0	660.0		65.000			7.93	7.9
81 03 17 0905		.3	1	452.0	0.6	451.0	780.0		85.000			7.74	7.7
81 03 26 1120		.3	1		2	400	700	0.71	73.00	46.5	205	7.76	
81 04 20 1000		.3	1	516.0	3.0	513.0	870.0		100.000			7.09	7.6
81 04 29 1105		.3	1		3	518	900	1.20	109.00	61.0	251	7.85	7.20
81 05 20 1120		.3	1		1	518	900	2.50	110.00	58.0	234	8.03	7.50
81 06 29 1125		.3	1		7	519	820	0.75	101.00	43.0	237	8.06	7.35
81 07 29 1135		.3	1		2.0	324	570	0.76	13.00	40.5	161	7.43	
81 08 11 1140		.3	1		1.6	386	640	0.56	61.0	33.5	220	7.86	7.70
81 09 28 1130		.3	1		0.5	410	720	0.67	77.00	49.0	226	7.66	7.55
81 10 19 1125		.3	1		2.0	387	620	0.47	62.00	45.0	194	7.96	7.30
81 11 18 1015		.3	1		1.9	319	520	1.20	41.00	40.5	175	7.93	7.40
81 12 14 1035		.3	1		1.6	302	540	1.17	45.00	34.5	176	7.88	7.55
		MAXIMUM		**516.0**	**8.0**	**519**	**900**	**2.50**	**110.00**	**61.0**	**251**	**8.06**	**7.9**
		ARITH MEAN		**455.8**	**2**	**424**	**720**	**1.05**	**68.6**	**45.1**	**208**	**7.72**	**7.4**
		GEOM MEAN		**454.1**	**2**	**418**	**709**	**0.94**	**60.1**	**44.4**	**206**	**7.72**	**7.4**
		MINIMUM		**392.0**	**0.5**	**302**	**520**	**0.47**	**13.00**	**33.5**	**161**	**7.09**	**7.20**
		STD DEV (GEOM *)		**43.8**	**2**	**73**	**122**	**0.55**	**29.2**	**9.0**	**30**	**0.27**	**0.2**
		# SAMPLES (IN STATISTICS)		**6**	**16**	**16**	**16**	**12**	**16**	**10**	**10**	**16**	**14**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 03 26 1120		.3	1	1<T	0.06	229	62.0	18.00	25	3.2	0.035	0.002 <	0.003
81 04 29 1105		.3	1	1<T	0.09	277	73.0	23.00	15	4.0	0.003	0.002 <	0.001<
81 05 20 1120		.3	1	1<T	0.10	272	70.0	23.50	17	4.8	0.027	0.002 <	0.004
81 06 29 1125		.3	1	1<T	0.06	246	64.0	21.00	21	4.4	0.002<	0.0020<	0.003
81 07 29 1135		.3	1	1<T	0.07	163	43.0	13.50	48	6.9	0.100	0.0020	0.003
81 08 11 1140		.3	1	1<T	0.08	199	51.0	17.50	12	5.8	0.090	0.0030	0.005
81 09 28 1130		.3	1	1<T	0.05	230	60.0	19.50	24		0.071	0.0020	0.004
81 10 19 1125		.3	1	1<T	0.04	212	56.0	17.50	17	4.7	0.110	0.0050	0.005
81 11 18 1015		.3	1	1<T	0.10	196	52.0	16.00	0	4.4	0.099	0.0030	0.006
81 12 14 1035		.3	1	1<T	0.08	196	52.0	16.00	20	4.1	0.077	0.002	0.004
		MAXIMUM		**1**	**0.10**	**277**	**73.0**	**23.50**	**48**	**6.9**	**0.110**	**0.0050**	**0.006**
		ARITH MEAN		**1<A**	**0.07**	**222**	**58.3**	**18.55**	**22**	**4.7**	**0.068**	**0.002**	**0.004**
		GEOM MEAN		**1<A**	**0.07**	**219**	**57.6**	**18.30**	**20**	**4.6**	**0.049**	**0.002**	**0.004**
		MINIMUM		**1**	**0.04**	**163**	**43.0**	**13.50**	**12**	**3.2**	**0.003**	**0.0020**	**0.003**
		STD DEV (GEOM *)		**0<A**	**0.02**	**36**	**9.3**	**3.20**	**11**	**1.1**	**0.038**	**0.001**	**0.001**
		# SAMPLES (IN STATISTICS)		**10**	**10**	**10**	**10**	**10**	**9**	**9**	**9**	**6**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1120		.3	1	0.003<	0.0002<	0.007	0.110
81 04 29 1105		.3	1	0.003<	0.0002<	0.008	0.011
81 05 20 1120		.3	1	0.005	0.0003	0.003	0.002 <
81 06 29 1125		.3	1	0.003<	0.0002<	0.001<	0.0050
81 07 29 1135		.3	1	0.008	0.0003	0.005	0.0070
81 08 11 1140		.3	1	0.011	0.0004	0.010	0.0080
81 09 28 1130		.3	1	0.003<	0.0001	0.008	0.0070
81 10 19 1125		.3	1	0.007	0.0005	0.004	0.0070
81 11 18 1015		.3	1	0.003	0.0006	0.006	0.0110
81 12 14 1035		.3	1	0.006	0.0004	0.004	0.015
		MAXIMUM		**0.011**	**0.0006**	**0.010**	**0.110**
		ARITH MEAN		**0.007**	**0.0004**	**0.006**	**0.020**
		GEOM MEAN		**0.006**	**0.0003**	**0.006**	**0.011**
		MINIMUM		**0.003**	**0.0001**	**0.003**	**0.0050**
		STD DEV (GEOM *)		**0.003**	**0.0002**	**0.002**	**0.033**
		# SAMPLES (IN STATISTICS)		**6**	**7**	**9**	**9**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **BLACK CREEK**
SAMPLE POINT: **FIRST CONCESSION UPSTREAM FROM LIMEHOUSE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB106**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-008-02**
STORET CODE: **02 004 4170**

LAT. | LONG. | U.T.M: **17 0579750.0 4830925.0 4** | REGION: **03** | DISTANCE: **50.854**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 1350		.3	1	37005	4	340C	7800	12	1440	0.0	13.2	30.0	0.468
81 02 16 1500		.3	1	37017	4	2200	16000	50I	270	0.0	8.8	4.6	0.160
81 03 16 1440		.3	1	37030	6	180I	1560	10<	10I	4.0	10.2		0.258
81 04 20 1215		.3	1	37041	6	30I	2200	20I	10<	8.0	10.1		0.175
81 05 20 1400		.3	1	37055	8	10<	20A	4<	4<	15.0	10.40	0.6	0.020
81 06 22 1415		.3	1	37066	6	13800A	35000	3600	6400	16.0	7.80	1.8	0.218
81 07 22 1530		.3	1	37077	6	2900A	240000>	200A	600A	18.0	9.00	0.4	0.151
81 08 20 1020		.3	1	37088	6	1800	27000	80A	340	15.0	9.60	0.6	0.155
81 09 24 1430		.3	1	37099	6	500A	7100	170	60A	11.0	9.00	0.2<T	0.218
81 10 21 1515		.3	1	37111	6	2200	22000	20A	380	7.0	9.00	0.8	0.255
81 11 23 1330		.3	1	37122	6	320	3600	10<	40A	3.5	8.80	2.0	0.149
81 12 17 1410		.3	1	37133	6	20A	580	10<	110	2.5	8.80	3.6	0.180
MAXIMUM						**13800**	**35000**	**3600**	**6400**	**18.0**	**13.2**	**30.0**	**0.468**
ARITH MEAN						**2208**	**11169**	**519**	**965**	**10.0**	**9.5**	**4.5<A**	**0.201**
GEOM MEAN						**570**	**3835**	**83**	**235**	**8.2**	**9.4**	**1.5<A**	**0.168**
MINIMUM						**20**	**20**	**12**	**10**	**2.5**	**7.80**	**0.2**	**0.020**
STD DEV (GEOM *)						**7***	**9***	**6***	**6***	**5.8**	**1.3**	**9.1<A**	**0.105**
# SAMPLES (IN STATISTICS)						**11**	**11**	**8**	**10**	**10**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1350		.3	1	0.005	6.400	9.900	0.017	6.800		13.217	3.500	16.717	1140.0
81 02 16 1500		.3	1	0.046	1.170	2.150	0.050	2.750		3.970	0.980	4.950	669.0
81 03 16 1440		.3	1	0.100	0.016	5.330	2.200	1.700		3.916	5.314	9.230	860.0
81 04 20 1215		.3	1	0.097	0.004	2.180	0.010	11.500		11.514	2.176	13.690	1027.0
81 05 20 1400		.3	1	0.004	0.310	0.47	0.028		1.850		0.160		451
81 06 22 1415		.3	1	0.059	0.002<T	1.13	0.004	2.100	2.100	2.106	1.128	3.234	505
81 07 22 1530		.3	1	0.115	0.018	0.51	0.009	10.0	10.0	10.027	0.492	10.519	1124
81 08 20 1020		.3	1	0.125	0.006	0.51	0.001<T	6.00	6.00	6.007	0.504	6.511	977
81 09 24 1430		.3	1	0.180	0.008	0.57	0.045	10.950	11.000	11.003	0.562	11.565	1037
81 10 21 1515		.3	1	0.170	0.004	0.61	0.025	5.480	5.500	5.509	0.606	6.115	864
81 11 23 1330		.3	1	0.105	0.006	0.58	0.056	5.750	5.750	5.812	0.574	6.386	734
81 12 17 1410		.3	1	0.125	0.008	0.75	0.011	10.00	10.000	10.019	0.742	10.761	1034
MAXIMUM				**0.180**	**6.400**	**9.900**	**2.200**	**11.500**	**11.000**	**13.217**	**5.314**	**16.717**	**1140.0**
ARITH MEAN				**0.094**	**0.663<A**	**2.05**	**0.205<A**	**6.6**	**6.5**	**7.555**	**1.395**	**9.062**	**868**
GEOM MEAN				**0.062**	**0.025<A**	**1.14**	**0.022<A**	**5.5**	**5.4**	**6.614**	**0.893**	**8.199**	**834**
MINIMUM				**0.004**	**0.002**	**0.47**	**0.001**	**1.700**	**1.850**	**2.106**	**0.160**	**3.234**	**451**
STD DEV (GEOM *)				**0.057**	**1.838<A**	**2.83**	**0.629<A**	**3.5**	**3.5**	**3.704**	**1.543**	**4.056**	**232**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**8**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 15 1350		.3	1	11.0	1129.0	2050.0		344.000			7.85		
81 02 16 1500		.3	1	59.0	610.0	1020.0		150.000			7.3		
81 03 16 1440		.3	1	7.0	853.0	1480.0		230.000			7.3		
81 04 20 1215		.3	1	2.0	1025.0	1750.0		322.000			7.6		
81 05 20 1400		.3	1		447	780	1.50		214	8.40	7.60		
81 06 22 1415		.3	1		400	700	38.00	85.00	189	8.11	7.50		
81 07 22 1530		.3	1		1123	1850	1.30	332.00	277	8.15			
81 08 20 1020		.3	1		976	1650	0.60	290.00	269	8.14	0.80		
81 09 24 1430		.3	1		1036	1800	0.68	320.00	267	7.89	7.50	0.004	0.013
81 10 21 1515		.3	1		860	1360	2.70	245.00	237	8.10	7.50	0.012	0.009
81 11 23 1330		.3	1		732	1160	1.63	179.00	235	7.86	7.20	0.020	0.005
81 12 17 1410		.3	1		1030	1700	1.56	301.00	261	8.49	7.50	0.014	0.005
MAXIMUM				**59.0**	**1129.0**	**2050.0**	**38.00**	**344.000**	**277**	**8.49**	**7.85**	**0.020**	**0.013**
ARITH MEAN				**19.7**	**851**	**1441**	**6.00**	**254.36**	**244**	**8.14**	**6.8**	**0.012**	**0.008**
GEOM MEAN				**9.8**	**809**	**1369**	**1.95**	**238.93**	**242**	**8.14**	**6.1**	**0.011**	**0.007**
MINIMUM				**2.0**	**400**	**700**	**0.60**	**85.00**	**189**	**7.86**	**0.80**	**0.004**	**0.005**
STD DEV (GEOM *)				**26.4**	**252**	**439**	**12.95**	**85.04**	**31**	**0.22**	**2.0**	**0.007**	**0.004**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**11**	**8**	**8**	**11**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 24 1430		.3	1	0.002
81 10 21 1515		.3	1	0.002
81 11 23 1330		.3	1	0.007
81 12 17 1410		.3	1	0.005
MAXIMUM				**0.007**
ARITH MEAN				**0.004**
GEOM MEAN				**0.003**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.002**
# SAMPLES (IN STATISTICS)				**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **CREDIT RIVER**
SAMPLE POINT: **AT COUNTY ROAD 9 TERRA COTTA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-010-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0586100.0 4841500.0 4** REGION: **03** DISTANCE: **50.210**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1435	.3	1	37007	4	190	710	4	900	0.0	13.0		0.020
81 02 17 1000	.3	1	37019	4 6	20000	61000	470	7100	0.0	13.8		0.168
81 03 16 1530	.3	1	37032	6	30I	330	10<	10<	2.0	12.8		0.022
81 04 20 1120	.3	1	37039	6	150	1300	10<	10<	7.0	12.0		0.009
81 05 20 1445	.3	1	37057	8	70A	470	4<	12	16.0	14.00	0.8	0.019
81 06 22 1510	.3	1	37068		4100	10700	700	970	17.5	12.00	1.2	0.092
81 07 22 1630	.3	1	37079	6	460	1660	150	270	21.5	10.4	0.6	0.025
81 08 21 0930	.3	1	37090	6	1100	22000	300A	200A	17.0	9.60	0.4	0.023
81 09 24 1505	.3	1	37101	6	200A	600A	10A	40A	13.0	12.40	0.2<T	0.023
81 10 21 1350	.3	1	37113	6	320	3400	10A	50A	7.0	9.80	0.0	0.024
81 11 23 1410	.3	1	37124	6	1660	2060	60A	150	1.5	11.10	0.6	0.015
81 12 17 1455	.3	1	37135	6	60A	1600	10A	30A		12.40	1.6	0.020
MAXIMUM					**20000**	**61000**	**700**	**7100**	**21.5**	**14.00**	**1.6**	**0.168**
ARITH MEAN					**2362**	**8819**	**190**	**972**	**11.4**	**11.9**	**0.8<A**	**0.038**
GEOM MEAN					**398**	**2309**	**53**	**180**	**8.3**	**11.8**	**0.6<A**	**0.028**
MINIMUM					**30**	**330**	**4**	**12**	**1.5**	**9.60**	**0.2**	**0.009**
STD DEV (GEOM *)					**7***	**5***	**7***	**7***	**7.2**	**1.4**	**0.5<A**	**0.046**
# SAMPLES (IN STATISTICS)					**12**	**12**	**9**	**10**	**9**	**12**	**7**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 15 1435	.3	1	0.005	0.096		0.014						
81 02 17 1000	.3	1	0.045	0.160		0.026						
81 03 16 1530	.3	1	0.006	0.038		0.007						
81 04 20 1120	.3	1		0.018		0.003						
81 05 20 1445	.3	1	0.002	0.050	0.35	0.005	0.475	0.480	0.530	0.300	0.830	286
81 06 22 1510	.3	1	0.013	0.002<T	0.64	0.008	0.695	0.705	0.705	0.638	1.343	309
81 07 22 1630	.3	1	0.004	0.042	0.32	0.009	0.360	0.370	0.411	0.278	0.689	295
81 08 21 0930	.3	1		0.006	0.34					0.334		
81 09 24 1505	.3	1		0.028	0.29					0.262		
81 10 21 1350	.3	1		0.024	0.38					0.356		
81 11 23 1410	.3	1		0.010	0.33					0.320		
81 12 17 1455	.3	1		0.006	0.26					0.254		
MAXIMUM			**0.045**	**0.160**	**0.64**	**0.026**	**0.695**	**0.705**	**0.705**	**0.638**	**1.343**	**309**
ARITH MEAN			**0.012**	**0.040<A**	**0.36**	**0.010**	**0.510**	**0.518**	**0.549**	**0.343**	**0.954**	**297**
GEOM MEAN			**0.007**	**0.022<A**	**0.35**	**0.008**	**0.492**	**0.500**	**0.536**	**0.328**	**0.916**	**297**
MINIMUM			**0.002**	**0.002**	**0.26**	**0.003**	**0.360**	**0.370**	**0.411**	**0.254**	**0.689**	**286**
STD DEV (GEOM *)			**0.016**	**0.046<A**	**0.12**	**0.008**	**0.170**	**0.171**	**0.148**	**0.124**	**0.344**	**12**
# SAMPLES (IN STATISTICS)			**6**	**12**	**8**	**7**	**3**	**3**	**3**	**8**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
81 01 15 1435	.3	1		560.0					7.94	7.2			
81 02 17 1000	.3	1		435.0					7.58	8.7			
81 03 16 1530	.3	1		540.0					8.25	7.6			
81 04 20 1120	.3	1		500.0					8.29	7.7			
81 05 20 1445	.3	1	279	470	4.50	22.50	183		8.50	8.00			
81 06 22 1510	.3	1	251	490	23.00	25.00	201		8.37	7.60			
81 07 22 1630	.3	1	287	470	3.00	25.00	204		8.55				
81 08 21 0930	.3	1		470	1.60	21.50	206		8.44	7.50	1<T	0.18	0.001<
81 09 24 1505	.3	1		500	0.79	24.50	213		8.57	7.80	1<T	0.09	0.001<
81 10 21 1350	.3	1		500	1.73	22.00	226		8.41	7.40	1<T	0.13	0.001<
81 11 23 1410	.3	1		519	1.56	26.00	212		8.41	0.78	1<T	0.15	0.001<
81 12 17 1455	.3	1		520	2.20	21.50	222		8.52	7.20	1<T	0.13	0.001<
MAXIMUM			**287**	**560.0**	**23.00**	**26.00**	**226**		**8.57**	**8.7**	**1**	**0.18**	
ARITH MEAN			**272**	**497**	**4.80**	**23.50**	**208**		**8.32**	**7.0**	**1<A**	**0.14**	
GEOM MEAN			**272**	**496**	**2.64**	**23.44**	**208**		**8.31**	**6.2**	**1<A**	**0.13**	
MINIMUM			**251**	**435.0**	**0.79**	**21.50**	**183**		**7.58**	**0.78**	**1**	**0.09**	
STD DEV (GEOM *)			**19**	**34**	**7.44**	**1.81**	**13**		**0.29**	**2.1**	**0<A**	**0.03**	
# SAMPLES (IN STATISTICS)			**3**	**12**	**8**	**8**	**8**		**12**	**11**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 09 24 1505	.3	1	0.004	0.003<	0.003	0.0020
81 10 21 1350	.3	1	0.005	0.007	0.001<	0.0020
81 11 23 1410	.3	1	0.012	0.005	0.004	0.0030
81 12 17 1455	.3	1	0.007	0.005	0.001<	0.004
MAXIMUM			**0.012**	**0.007**	**0.004**	**0.004**
ARITH MEAN			**0.007**	**0.006**	**0.003**	**0.002**
GEOM MEAN			**0.006**	**0.006**	**0.003**	**0.002**
MINIMUM			**0.004**	**0.005**	**0.003**	**0.0020**
STD DEV (GEOM *)			**0.004**	**0.001**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)			**4**	**3**	**2**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **AT 22ND SIDE ROAD GLEN WILLIAMS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-013-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0586500.0 4835400.0 4** REGION: **03** DISTANCE: **40.233**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 1415	.3	1		37006	6	220	5040	4<	1220	0.0	10.0		0.042
81 02 17 0945	.3	1		37018	6	6300C	150000	90I	1100	1.5	11.6		0.412
81 03 16 1505	.3	1		37031	6	10I	130	10<	20<	2.5	14.0		0.018
81 04 20 1150	.3	1		37040	6	60I	1400	10<	10<	8.0	10.0		0.017
81 05 20 1430	.3	1		37056	8	340A	24000>	4	296	17.0	10.80	1.0	0.150
81 06 22 1445	.3	1		37067		6200A	60000	610	1050	18.0	8.40	2.6	0.190
81 07 22 1555	.3	1		37078	6	100A	5600	20<	20<	23.0	9.00	0.4	0.019
81 08 21 0955	.3	1		37089	6	100A	400A	60A	100A	17.0	9.60	0.4	0.018
81 09 24 1450	.3	1		37100	6	150A	3850	20A	10<	14.0	10.80	0.2<T	0.023
81 10 21 1535	.3	1		37112	6	180A	3180	10A	40A	7.0	12.10	0.0	0.026
81 11 23 1350	.3	1		37123	6	1220	2660	30A	130	2.0	12.00	0.8	0.012
81 12 17 1430	.3	1		37134	6	20A	260	20A	20A		13.40	1.2	0.009
MAXIMUM						**6300**	**150000**	**610**	**1220**	**23.0**	**14.0**	**2.6**	**0.412**
ARITH MEAN						**1242**	**21138**	**105**	**494**	**11.0**	**10.9**	**0.9<A**	**0.078**
GEOM MEAN						**218**	**2967**	**33**	**214**	**7.7**	**10.8**	**0.7<A**	**0.035**
MINIMUM						**10**	**130**	**4**	**20**	**1.5**	**8.40**	**0.2**	**0.009**
STD DEV (GEOM *)						**7***	**8***	**5***	**5***	**7.8**	**1.7**	**0.8<A**	**0.121**
# SAMPLES (IN STATISTICS)						**12**	**11**	**8**	**8**	**10**	**12**	**7**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1415	.3	1			0.144								
81 02 17 0945	.3	1			5.300								
81 03 16 1505	.3	1			0.030			1.500					
81 04 20 1150	.3	1			0.032								
81 05 20 1430	.3	1		0.082	0.540	0.61	0.088				0.070		
81 06 22 1445	.3	1		0.100	0.010	1.10	0.008	1.240	1.250	1.258	1.090	2.348	919
81 07 22 1555	.3	1		0.003	0.046	0.34	0.005	0.295	0.300	0.346	0.294	0.640	274
81 08 21 0955	.3	1		0.005	0.006	0.31	0.026	0.315	0.340	0.347	0.304	0.651	299
81 09 24 1450	.3	1		0.003	0.032	0.30	0.003	0.445	0.450	0.480	0.268	0.748	295
81 10 21 1535	.3	1		0.003	0.022	0.35	0.002	0.540	0.540	0.564	0.328	0.892	319
81 11 23 1350	.3	1		0.004	0.010	0.31	0.003	1.050	1.050	1.063	0.300	1.363	317
81 12 17 1430	.3	1		0.002	0.016	0.23	0.002	1.150	1.150	1.168	0.214	1.382	311
MAXIMUM				**0.100**	**5.300**	**1.10**	**0.088**	**1.500**	**1.250**	**1.258**	**1.090**	**2.348**	**919**
ARITH MEAN				**0.025**	**0.516**	**0.44**	**0.017**	**0.817**	**0.726**	**0.747**	**0.358**	**1.146**	**391**
GEOM MEAN				**0.007**	**0.047**	**0.39**	**0.007**	**0.688**	**0.625**	**0.653**	**0.281**	**1.030**	**354**
MINIMUM				**0.002**	**0.006**	**0.23**	**0.002**	**0.295**	**0.300**	**0.346**	**0.070**	**0.640**	**274**
STD DEV (GEOM *)				**0.041**	**1.514**	**0.29**	**0.030**	**0.471**	**0.408**	**0.401**	**0.307**	**0.615**	**234**
# SAMPLES (IN STATISTICS)				**8**	**12**	**8**	**8**	**8**	**7**	**7**	**8**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*	*ZNUT*
81 01 15 1415	.3	1			580.0				7.98	7.5			
81 02 17 0945	.3	1			1300.0				7.64	7.2			
81 03 16 1505	.3	1			540.0				8.26	7.6			
81 04 20 1150	.3	1			500.0				8.27	7.7			
81 05 20 1430	.3	1			460	2.50		251	8.19	8.10			
81 06 22 1445	.3	1		913	1600	2.50	273	243	7.76	7.80			
81 07 22 1555	.3	1		269	440	2.40	25.00	176	8.58				
81 08 21 0955	.3	1		296	500	1.25	22.50	209	8.54	8.00			
81 09 24 1450	.3	1		292	495	0.73	25.50	206	8.58	7.70	0.004	0.004	0.001
81 10 21 1535	.3	1		315	500	2.10	24.50	225	8.57	7.60	0.005	0.007	0.001<
81 11 23 1350	.3	1		314	520	2.90	25.50	216	8.51	7.80	0.006	0.007	0.003
81 12 17 1430	.3	1		307	520	1.37	22.50	204	8.40	7.60	0.008	0.006	0.001<
MAXIMUM				**913**	**1600**	**2.90**	**273**	**251**	**8.58**	**8.10**	**0.008**	**0.007**	**0.003**
ARITH MEAN				**387**	**662**	**1.97**	**59**	**216**	**8.27**	**7.6**	**0.006**	**0.006**	**0.002**
GEOM MEAN				**350**	**600**	**1.81**	**34**	**215**	**8.27**	**7.6**	**0.006**	**0.006**	**0.002**
MINIMUM				**269**	**440**	**0.73**	**22.50**	**176**	**7.64**	**7.2**	**0.004**	**0.004**	**0.001**
STD DEV (GEOM *)				**233**	**374**	**0.76**	**94**	**24**	**0.33**	**0.2**	**0.002**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)				**7**	**12**	**8**	**7**	**8**	**12**	**11**	**4**	**4**	**2**

B.O.W./ SITE: **CREDIT RIVER ERIN BRANCH**
SAMPLE POINT: **AT WELLINGTON AND PEEL COUNTY BOUNDRY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-015-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0577600.0 4848100.0 4** REGION: **03** DISTANCE: **69.844**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1520		.3	1	37008	4	7600	2300	196	1120	0.0	11.0	0.2	0.011
81 02 17 1100		.3	1	37020	6	41000C	290000	260	2600	0.0	13.6	4.6	0.218
81 03 17 1000		.3	1	37033	6	1000	1400	20I	200I	0.0	11.6	0.3	0.010
81 04 20 1055		.3	1	37038	6	30I	170	20I	10I	5.0	13.0		0.030
81 05 20 1545		.3	1	37058		70A	140	10<	10<	15.0	10.00	0.8	0.018
81 06 22 1530		.3	1	37069	6	6800A	59000	3100	4800	16.0	8.80	1.2	0.167
81 07 22 1645		.3	1	37080	6	500A	5700	100<	100A	19.5	9.00	0.4	0.019
81 08 21 0905		.3	1	37091	6	1900	21000	80A	400	13.0	11.50	0.4	0.016
81 09 24 1630		.3	1	37102	6	100A	3900	20A	260	12.0	10.40	0.2<T	0.021
81 10 21 1615		.3	1	37114	6	160A	3200	10<	90A	6.5	11.60	0.0	0.016
81 11 23 1440		.3	1	37125	6	640	4000	10<	10A	2.0	12.40	0.4	0.029
81 12 17 1520		.3	1	37136	6	480	1400	10A	10A		12.60	1.6	0.012
MAXIMUM						**41000**	**290000**	**3100**	**4800**	**19.5**	**13.6**	**4.6**	**0.218**
ARITH MEAN						**5023**	**32684**	**463**	**873**	**11.1**	**11.2**	**1.0<A**	**0.047**
GEOM MEAN						**724**	**3861**	**75**	**166**	**9.1**	**11.1**	**0.6<A**	**0.026**
MINIMUM						**30**	**140**	**10**	**10**	**2.0**	**8.80**	**0.2**	**0.010**
STD DEV (GEOM *)						**8***	**9***	**7***	**9***	**6.0**	**1.5**	**1.3<A**	**0.089**
# SAMPLES (IN STATISTICS)						**12**	**12**	**8**	**11**	**8**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 15 1520		.3	1	0.012	0.026	0.240	0.014	1.840		1.880	0.214	2.094	337.0
81 02 17 1100		.3	1	0.090	0.158	1.300	0.043	1.260		1.461	1.142	2.603	158.0
81 03 17 1000		.3	1	0.004	0.016	0.240	0.005	2.350		2.371	0.224	2.595	331.0
81 04 20 1055		.3	1	0.005	0.016	0.370	0.006	1.440		1.462	0.354	1.816	321.0
81 05 20 1545		.3	1	0.002	0.042	0.32	0.006	0.590	0.595	0.638	0.278	0.916	312
81 06 22 1530		.3	1	0.015	0.002<T	0.91	0.004	0.760	0.765	0.766	0.908	1.674	400
81 07 22 1645		.3	1	0.005	0.026	0.35	0.009	1.540	1.550	1.575	0.324	1.899	321
81 08 21 0905		.3	1		0.004	0.35					0.346		
81 09 24 1630		.3	1		0.014	0.30					0.286		
81 10 21 1615		.3	1		0.018	0.36					0.342		
81 11 23 1440		.3	1		0.016	0.39					0.374		
81 12 17 1520		.3	1		0.006	0.24					0.234		
MAXIMUM				**0.090**	**0.158**	**1.300**	**0.043**	**2.350**	**1.550**	**2.371**	**1.142**	**2.603**	**400**
ARITH MEAN				**0.019**	**0.029<A**	**0.44**	**0.012**	**1.397**	**0.970**	**1.450**	**0.419**	**1.942**	**311**
GEOM MEAN				**0.009**	**0.016<A**	**0.38**	**0.009**	**1.273**	**0.890**	**1.329**	**0.360**	**1.852**	**301**
MINIMUM				**0.002**	**0.002**	**0.240**	**0.004**	**0.590**	**0.595**	**0.638**	**0.214**	**0.916**	**158.0**
STD DEV (GEOM *)				**0.032**	**0.042<A**	**0.32**	**0.014**	**0.606**	**0.509**	**0.602**	**0.292**	**0.581**	**73**
# SAMPLES (IN STATISTICS)				**7**	**12**	**12**	**7**	**7**	**3**	**7**	**12**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 15 1520		.3	1	3.0	334.0	560.0		18.500		8.02	8.6		
81 02 17 1100		.3	1	34.0	124.000	190.0		21.000		7.45	9.5		
81 03 17 1000		.3	1	0.5	330.0	540.0		20.500		8.16	7.3		
81 04 20 1055		.3	1	6.0	315.0	500.0		26.000		8.19	7.8		
81 05 20 1545		.3	1		305	490	1.50		208	8.56	7.60		
81 06 22 1530		.3	1		268	480	48.00	23.00	206	8.18	7.70		
81 07 22 1645		.3	1		318	520	1.30	22.50	225	8.41			
81 08 21 0905		.3	1			540	0.56	21.50	228	8.43	6.60	1<T	0.08
81 09 24 1630		.3	1			510	0.37	20.50	227	8.39	7.90	1<T	0.04
81 10 21 1615		.3	1			520	0.48	20.50	229	8.31	6.40	1<T	0.04
81 11 23 1440		.3	1			500	1.18	33.00	190	8.33	7.90	1<T	0.07
81 12 17 1520		.3	1			550	0.82	20.00	222	8.57	7.00	1<T	0.03
MAXIMUM				**34.0**	**334.0**	**560.0**	**48.00**	**33.00**	**229**	**8.57**	**9.5**	**1**	**0.08**
ARITH MEAN				**10.9**	**284**	**491**	**6.78**	**22.45**	**217**	**8.25**	**7.6**	**1<A**	**0.05**
GEOM MEAN				**4.2**	**272**	**476**	**1.32**	**22.18**	**216**	**8.24**	**7.6**	**1<A**	**0.05**
MINIMUM				**0.5**	**124.000**	**190.0**	**0.37**	**18.500**	**190**	**7.45**	**6.40**	**1**	**0.03**
STD DEV (GEOM *)				**15.6**	**74**	**98**	**16.66**	**4.00**	**14**	**0.30**	**0.8**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**4**	**7**	**12**	**8**	**11**	**8**	**12**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 08 21 0905		.3	1	0.001<				
81 09 24 1630		.3	1	0.001<	0.004	0.004	0.002	0.0020
81 10 21 1615		.3	1	0.001<	0.005	0.009	0.001<	0.0020
81 11 23 1440		.3	1	0.001<	0.009	0.007	0.004	0.0040
81 12 17 1520		.3	1	0.001<	0.005	0.006	0.001<	0.002
MAXIMUM					**0.009**	**0.009**	**0.004**	**0.0040**
ARITH MEAN					**0.006**	**0.006**	**0.003**	**0.002**
GEOM MEAN					**0.005**	**0.006**	**0.003**	**0.002**
MINIMUM					**0.004**	**0.004**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.002**	**0.002**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)					**4**	**4**	**2**	**4**

B.O.W./ SITE: **FLETCHER'S CREEK**
SAMPLE POINT: **AT STEELS AVE,BRAMPTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-016-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0601450.0 4834500.0 4** REGION: **03** DISTANCE: **26.232**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 16 1320		.3	1	37014	4	18000	111000	220	3500	0.0	10.8	6.0	0.380
81 03 16 1155		.3	1	37026	6	10<	610	10<	40I	1.0	14.0	0.9	0.030
81 04 20 1425		.3	1	37045	6	50I	2100	10<	10<	10.0	12.2		0.022
81 05 20 1150		.3	1	37051	8	10<	3800	20A	4	15.5	11.20	1.0	0.048
81 06 22 1230		.3	1	37062		41000A	500000	2300	7300	17.5	7.20	2.2	0.177
81 07 22 1155		.3	1	37073	6	2600A	49000	100<	300A	20.0	9.00	2.0	0.075
81 08 20 1405		.3	1	37084	6	1000<	70000	100<	300A	22.0	12.0	0.6	0.080
81 09 24 1205		.3	1	37095	6	4500	21000	120A	40A	13.0	12.80	0.2	0.068
81 10 21 1335		.3	1	37107		42000	99000	1620	1180	8.5	9.60	2.8	0.172
81 11 23 1115		.3	1	37118	6	1000A	14000	390	920	2.0	10.80	1.0	0.102
81 12 17 1140		.3	1	37129	6	480	2800	220	470		13.40	1.0	0.013
MAXIMUM						**42000**	**500000**	**2300**	**7300**	**22.0**	**14.0**	**6.0**	**0.380**
ARITH MEAN						**13704**	**79392**	**699**	**1405**	**12.2**	**11.1**	**1.8**	**0.106**
GEOM MEAN						**3108**	**18266**	**289**	**307**	**8.6**	**11.0**	**1.2**	**0.070**
MINIMUM						**50**	**610**	**20**	**4**	**1.0**	**7.20**	**0.2**	**0.013**
STD DEV (GEOM *)						**10***	**8***	**5***	**10***	**7.5**	**2.0**	**1.7**	**0.106**
# SAMPLES (IN STATISTICS)						**8**	**11**	**7**	**10**	**9**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 02 16 1320		.3	1	0.180	1.400	3.200	0.078	2.050		3.528	1.800	5.328	741.0
81 03 16 1155		.3	1	0.005	0.008	0.550	0.013	1.190		1.211	0.542	1.753	742.0
81 04 20 1425		.3	1	0.004	0.048	0.530	0.003	0.103		0.154	0.482	0.636	648.0
81 05 20 1150		.3	1	0.010	0.104	0.92	0.020	0.230	0.250	0.354	0.816	1.170	615
81 06 22 1230		.3	1	0.034	0.002<T	0.94	0.007	0.955	0.960	0.964	0.938	1.902	289
81 07 22 1155		.3	1	0.006	0.004	0.70	0.066	0.400	0.465	0.470	0.696	1.166	465
81 08 20 1405		.3	1	0.021	0.006	0.62	0.001<T	0.710	0.710	0.717	0.614	1.331	462
81 09 24 1205		.3	1	0.006	0.030	0.48	0.017	0.345	0.360	0.392	0.450	0.842	423
81 10 21 1335		.3	1	0.027	0.020	0.90	0.040	1.260	1.300	1.320	0.880	2.200	490
81 11 23 1115		.3	1	0.053	0.042	0.82	0.041	3.060	3.100	3.143	0.778	3.921	549
81 12 17 1140		.3	1	0.001	0.008	0.34	0.025	1.820	1.850	1.853	0.332	2.185	510
MAXIMUM				**0.180**	**1.400**	**3.200**	**0.078**	**3.060**	**3.100**	**3.528**	**1.800**	**5.328**	**742.0**
ARITH MEAN				**0.032**	**0.152<A**	**0.90**	**0.028<A**	**1.102**	**1.124**	**1.282**	**0.757**	**2.039**	**539**
GEOM MEAN				**0.013**	**0.022<A**	**0.75**	**0.016<A**	**0.743**	**0.824**	**0.874**	**0.686**	**1.692**	**522**
MINIMUM				**0.001**	**0.002**	**0.34**	**0.001**	**0.103**	**0.250**	**0.154**	**0.332**	**0.636**	**289**
STD DEV (GEOM *)				**0.052**	**0.415<A**	**0.78**	**0.025<A**	**0.910**	**0.959**	**1.133**	**0.395**	**1.412**	**138**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**8**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 02 16 1320		.3	1	55.0	686.0	1160.0		249.000			7.9		
81 03 16 1155		.3	1	4.0	738.0	1080.0		161.000			7.8		
81 04 20 1425		.3	1	3.0	645.0	1060.0		163.000			7.7		
81 05 20 1150		.3	1		608	980	3.00		195	8.22	7.60		
81 06 22 1230		.3	1		215	330	44.00	35.50	88	7.68	7.45		
81 07 22 1155		.3	1		435	640	18.30	73.00	137	8.19			
81 08 20 1405		.3	1		441	700	4.50	86.00	169	8.43	9.70		
81 09 24 1205		.3	1		417	710	3.30	78.00	163	8.28	7.60	0.006	0.005
81 10 21 1335		.3	1		422	630	70.00	66.00	164	7.99	7.00	0.014	0.013
81 11 23 1115		.3	1		539	780	18.20	72.00	214	8.12	7.40	0.020	0.007
81 12 17 1140		.3	1		499	890	2.50	93.00	125	8.17	7.60	0.013	0.007
MAXIMUM				**55.0**	**738.0**	**1160.0**	**70.00**	**249.000**	**214**	**8.43**	**9.70**	**0.020**	**0.013**
ARITH MEAN				**20.7**	**513**	**814**	**20.47**	**107.65**	**157**	**8.13**	**7.7**	**0.013**	**0.008**
GEOM MEAN				**8.7**	**489**	**774**	**10.17**	**93.34**	**152**	**8.13**	**7.7**	**0.012**	**0.008**
MINIMUM				**3.0**	**215**	**330**	**2.50**	**35.50**	**88**	**7.68**	**7.00**	**0.006**	**0.005**
STD DEV (GEOM *)				**29.7**	**150**	**246**	**24.48**	**64.00**	**40**	**0.22**	**0.7**	**0.006**	**0.003**
# SAMPLES (IN STATISTICS)				**3**	**11**	**11**	**8**	**10**	**8**	**8**	**10**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 09 24 1205		.3	1	0.006
81 10 21 1335		.3	1	0.020
81 11 23 1115		.3	1	0.011
81 12 17 1140		.3	1	0.002
MAXIMUM				**0.020**
ARITH MEAN				**0.010**
GEOM MEAN				**0.007**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.008**
# SAMPLES (IN STATISTICS)				**4**

B.O.W. / SITE: **CREDIT RIVER**
SAMPLE POINT: **AT DERRY ROAD WEST OF HIGHWAY NO 10**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-017-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M.: **17 0602200.0 4830500.0 4** REGION: **03** DISTANCE: **21.565**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1125		.3	1	37001	4	401	2900	4<	32	0.0	10.0	0.6	0.092
81 02 16 1255		.3	1	37013	4	1000	7200	8	52	0.0	12.0	2.1	0.042
81 03 16 1120		.3	1	37025	6	100	600	4<	8	0.0	12.8	0.8	0.038
81 04 20 1440		.3	1	37046	6	90I	600	4<	16	9.0	11.6		0.007
81 05 20 1130		.3	1	37050	9 3	1070A	15800	10A	4	15.0	10.00	2.4	0.038
81 06 22 1200		.3	1	37061	6 0	2200A	44000	560	1040	18.5	9.20	1.8	0.095
81 07 22 1140		.3	1	37072	6	200	4200	20<	20A	19.5	11.40	0.4	0.024
81 08 20 1345		.3	1	37083	6	400A	2900	20<	40A	22.0	11.0	0.6	0.016
81 09 24 1150		.3	1	37094	6	300A	29000	200A	20<	11.0	11.20	0.2<T	0.024
81 10 21 1320		.3	1	37106	6	420	1560	140A	40A	7.5	8.80	0.2	0.089
81 11 23 1045		.3	1	37117	6	3100	4300	60A	200	1.5	10.60	0.6	0.020
81 12 17 1120		.3	1	37128	6	340	480	10A	50A		12.20	1.0	0.010
MAXIMUM						**3100**	**44000**	**560**	**1040**	**22.0**	**12.8**	**2.4**	**0.095**
ARITH MEAN						**772**	**9462**	**141**	**137**	**13.0**	**10.9**	**1.0<A**	**0.041**
GEOM MEAN						**380**	**3669**	**50**	**39**	**10.4**	**10.8**	**0.7<A**	**0.030**
MINIMUM						**40**	**480**	**8**	**4**	**1.5**	**8.80**	**0.2**	**0.007**
STD DEV (GEOM *)						**4***	**4***	**5***	**4***	**7.0**	**1.2**	**0.8<A**	**0.032**
# SAMPLES (IN STATISTICS)						**12**	**12**	**7**	**11**	**8**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 15 1125		.3	1	0.027	0.162	0.720	0.033	2.300		2.495	0.558	3.053	408.0
81 02 16 1255		.3	1	0.019	0.254	0.620	0.029	2.000		2.283	0.366	2.649	421.0
81 03 16 1120		.3	1	0.012	0.228	0.510	0.016	1.730		1.974	0.282	2.256	380.0
81 04 20 1440		.3	1	0.003	0.020	0.330	0.010	1.190		1.220	0.310	1.530	338.0
81 05 20 1130		.3	1	0.006	0.122	0.72	0.054	0.660	0.715	0.836	0.598	1.434	342
81 06 22 1200		.3	1	0.020	0.002<T	0.70	0.002	1.250	1.250	1.254	0.698	1.952	322
81 07 22 1140		.3	1	0.006	0.038	0.39	0.007	0.795	0.800	0.840	0.352	1.192	357
81 08 20 1345		.3	1	0.007	0.006	0.39	0.015	0.445	0.460	0.466	0.384	0.850	308
81 09 24 1150		.3	1	0.003	0.036	0.37	0.022	0.830	0.850	0.888	0.334	1.222	321
81 10 21 1320		.3	1	0.062	0.056	0.44	0.007	0.735	0.740	0.798	0.384	1.182	355
81 11 23 1045		.3	1	0.006	0.056	0.45	0.015	1.280	1.300	1.351	0.394	1.745	360
81 12 17 1120		.3	1		0.022	0.31	0.011	1.670	1.700	1.703	0.288	1.991	332
MAXIMUM				**0.062**	**0.254**	**0.72**	**0.054**	**2.300**	**1.700**	**2.495**	**0.698**	**3.053**	**421.0**
ARITH MEAN				**0.016**	**0.083<A**	**0.49**	**0.018**	**1.240**	**0.977**	**1.342**	**0.412**	**1.755**	**353**
GEOM MEAN				**0.010**	**0.041<A**	**0.47**	**0.014**	**1.113**	**0.907**	**1.203**	**0.398**	**1.647**	**352**
MINIMUM				**0.003**	**0.002**	**0.31**	**0.002**	**0.445**	**0.460**	**0.466**	**0.282**	**0.860**	**308**
STD DEV (GEOM *)				**0.017**	**0.087<A**	**0.15**	**0.014**	**0.582**	**0.404**	**0.643**	**0.133**	**0.656**	**34**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 15 1125		.3	1	40.0		680.0	15.00	40.500			7.6		
81 02 16 1255		.3	1	4.0	417.0	660.0		58.000			7.6		
81 03 16 1120		.3	1	14.0	366.0	600.0		36.000			7.9		
81 04 20 1440		.3	1	5.0	333.0	560.0		35.000			7.8		
81 05 20 1130		.3	1		330	560	1.00	36.50	196	8.13	7.80		
81 06 22 1200		.3	1		269	540	17.00	39.00	191	8.13	6.40		
81 07 22 1140		.3	1		349	540	1.73	43.50	198	8.48			
81 08 20 1345		.3	1		304	500	1.50	39.50	184	8.59	7.50		
81 09 24 1150		.3	1		319	580	1.44	43.00	214	8.39	7.40	0.011	0.003
81 10 21 1320		.3	1		349	580	2.30	35.50	232	8.38	6.80	0.008	0.010
81 11 23 1045		.3	1		355	550	6.10	33.00	221	8.36	7.40	0.014	0.005
81 12 17 1120		.3	1		323	600	2.90	37.00	218	8.57	7.60	0.014	0.008
MAXIMUM				**40.0**	**417.0**	**680.0**	**17.00**	**58.000**	**232**	**8.59**	**7.9**	**0.014**	**0.010**
ARITH MEAN				**15.7**	**337**	**579**	**5.44**	**39.70**	**207**	**8.38**	**7.4**	**0.012**	**0.006**
GEOM MEAN				**10.3**	**335**	**577**	**3.23**	**39.28**	**206**	**8.38**	**7.4**	**0.011**	**0.006**
MINIMUM				**4.0**	**269**	**500**	**1.00**	**33.00**	**184**	**8.13**	**6.40**	**0.008**	**0.003**
STD DEV (GEOM *)				**16.8**	**37**	**50**	**6.19**	**6.58**	**17**	**0.18**	**0.4**	**0.003**	**0.003**
# SAMPLES (IN STATISTICS)				**4**	**11**	**12**	**9**	**12**	**8**	**8**	**11**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 09 24 1150		.3	1	0.010
81 10 21 1320		.3	1	0.001<
81 11 23 1045		.3	1	0.004
81 12 17 1120		.3	1	0.002
MAXIMUM				**0.010**
ARITH MEAN				**0.005**
GEOM MEAN				**0.004**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.004**
# SAMPLES (IN STATISTICS)				**3**

B.O.W / SITE: **CREDIT RIVER**
SAMPLE POINT: **AT 20 SIDE ROAD CALEDON TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-018-02**
STORET CODE: **02 004 4170**

LAT. LONG. U T M: **17 0576400.0 4856150.0 4** REGION: **03** DISTANCE: **75.315**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 16 0910		.3	1	37009	6	210	1100	204	68	0.0	13.8	0.2	0.027
81 02 17 1130		.3	1	37021	6	3200	6600	80I	460	0.0	14.6	0.7	0.030
81 03 17 0935		.3	1	37034	6	320	960	10I	20I	0.5	12.4	0.6	0.026
81 04 20 1030		.3	1	37037	6	10I	110	10I	10I	6.0	12.0		0.014
81 05 20 1600		.3	1	37059	8	300A	3850	10A	10<	16.0	11.00	0.4	0.018
81 06 22 1600		.3	1	37070		1720	2040	690	890	17.0	8.00	0.8	0.056
81 07 22 1720		.3	1	37081	6	820A	9400	60A	200A	20.0	9.30	0.6	0.106
81 08 21 0830		.3	1	37092	6	1000	8000	40A	260	15.0	8.00	0.6	0.069
81 09 24 1550		.3	1	37103	6	300	5200	10A	70A	13.0	10.00	0.2<T	0.040
81 10 21 1645		.3	1	37115	6	600	4800	20A	50A	6.5	10.00	0.0	0.029
81 11 23 1510		.3	1	37126	6	580	2140	10A	10A	1.5	10.40	0.6	0.008
81 12 17 1545		.3	1	37137	6	80A	1200	10A	10<		12.00	2.4	0.026
MAXIMUM						**3200**	**9400**	**690**	**890**	**20.0**	**14.6**	**2.4**	**0.106**
ARITH MEAN						**762**	**3783**	**96**	**204**	**10.6**	**10.9**	**0.7<A**	**0.037**
GEOM MEAN						**374**	**2354**	**30**	**80**	**6.8**	**10.7**	**0.6<A**	**0.030**
MINIMUM						**10**	**110**	**10**	**10**	**0.5**	**8.00**	**0.2**	**0.008**
STD DEV (GEOM *)						**5***	**3***	**4***	**5***	**7.1**	**2.0**	**0.6<A**	**0.028**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**9**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 16 0910		.3	1	0.012	0.094	0.460	0.018	2.600		2.712	0.366	3.078	345.0
81 02 17 1130		.3	1	0.008	0.080	0.480	0.016	1.990		2.086	0.400	2.486	321.0
81 03 17 0935		.3	1	0.013	0.212	0.540	0.010	1.740		1.962	0.328	2.290	335.0
81 04 20 1030		.3	1	0.008	0.024	0.360	0.019	1.180		1.223	0.336	1.559	308.0
81 05 20 1600		.3	1	0.005	0.026	0.36	0.013	1.640	1.650	1.679	0.334	2.013	363
81 06 22 1600		.3	1	0.011	0.002<T	0.70	0.009	1.040	1.050	1.051	0.698	1.749	265
81 07 22 1720		.3	1	0.075	0.002<T	0.46	0.045	0.275	0.320	0.322	0.458	0.780	330
81 08 21 0830		.3	1	0.053	0.006	0.43	0.001<T	0.345	0.345	0.352	0.424	0.776	305
81 09 24 1550		.3	1	0.022	0.002<W	0.38	0.013	0.345	0.360	0.360	0.378	0.738	316
81 10 21 1645		.3	1	0.010	0.024	0.40	0.007	0.485	0.490	0.516	0.376	0.892	300
81 11 23 1510		.3	1	0.002	0.006	0.31	0.002	1.550	1.550	1.558	0.304	1.862	312
81 12 17 1545		.3	1	0.012	0.006	0.36	0.006	1.240	1.250	1.252	0.354	1.606	305
MAXIMUM				**0.075**	**0.212**	**0.70**	**0.045**	**2.600**	**1.650**	**2.712**	**0.698**	**3.078**	**363**
ARITH MEAN				**0.019**	**0.040<A**	**0.43**	**0.013<A**	**1.202**	**0.877**	**1.256**	**0.396**	**1.652**	**317**
GEOM MEAN				**0.012**	**0.014<A**	**0.42**	**0.009<A**	**0.952**	**0.711**	**0.999**	**0.387**	**1.485**	**316**
MINIMUM				**0.002**	**0.002**	**0.31**	**0.001**	**0.275**	**0.320**	**0.322**	**0.304**	**0.738**	**265**
STD DEV (GEOM *)				**0.022**	**0.062<A**	**0.10**	**0.012<A**	**0.742**	**0.564**	**0.778**	**0.104**	**0.755**	**24**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 16 0910		.3	1	3.0	342.0	580.0		28.500		7.83	7.9		
81 02 17 1130		.3	1	4.0	317.0	520.0		25.000		8.00	8.0		
81 03 17 0935		.3	1	1.0	334.0	560.0		30.000		8.12	7.35		
81 04 20 1030		.3	1	2.0	306.0	510.0		25.000		8.23	7.8		
81 05 20 1600		.3	1		356	500	1.50		211	8.48	7.50		
81 06 22 1600		.3	1		245	460	1.10	19.00	200	8.20	7.60		
81 07 22 1720		.3	1		327	580	1.66	39.00	228	8.42			
81 08 21 0830		.3	1		302	500	1.91	27.00	210	8.19	7.35		
81 09 24 1550		.3	1		315	540	0.67	33.50	217	8.43	8.00	0.005	0.003<
81 10 21 1645		.3	1		299	480	0.79	23.00	210	8.41	6.90	0.001	0.007
81 11 23 1510		.3	1		309	510	0.71	19.50	220	8.31	8.10	0.006	0.006
81 12 17 1545		.3	1		302	475	1.37	21.00	207	8.64	7.00	0.032	0.003<
MAXIMUM				**4.0**	**356**	**580.0**	**1.91**	**39.00**	**228**	**8.64**	**8.10**	**0.032**	**0.007**
ARITH MEAN				**2.5**	**312**	**517**	**1.21**	**26.40**	**213**	**8.27**	**7.5**	**0.011**	**0.006**
GEOM MEAN				**2.2**	**311**	**516**	**1.13**	**25.80**	**213**	**8.27**	**7.5**	**0.006**	**0.006**
MINIMUM				**1.0**	**245**	**460**	**0.67**	**19.00**	**200**	**7.83**	**6.90**	**0.001**	**0.006**
STD DEV (GEOM *)				**1.3**	**27**	**39**	**0.47**	**6.11**	**9**	**0.22**	**0.4**	**0.014**	**0.001**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**11**	**8**	**12**	**11**	**4**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 24 1550		.3	1	0.001
81 10 21 1645		.3	1	0.001<
81 11 23 1510		.3	1	0.003
81 12 17 1545		.3	1	0.003
MAXIMUM				**0.003**
ARITH MEAN				**0.002**
GEOM MEAN				**0.002**
MINIMUM				**0.001**
STD DEV (GEOM *)				**0.001**
# SAMPLES (IN STATISTICS)				**3**

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **SOUTHERN DAM OF ORANGEVILLE RESERVOIR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-019-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M: **17 0573500.0 4863975.0 4** REGION: **02** DISTANCE: **87.868**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1155		.3	1	38309	6	100	420	20	16	1.0	9.3	1.0	0.016
81 02 10 1200		.3	1	38352	6 0	10I	510	4<	4<	3.0	6.7	0.7	0.021
81 03 26 1135		.3	1	38447	6	20A	670	4<	4	6.5	13.20	0.8	0.026
81 04 29 1120		.3	1	38505	6 0	1500	19000	10<	10<	11.0	7.50	2.6	0.026
81 05 20 1300		.3	1	38536	6 0	1300A	130000	10A	10A	15.0	6.10	2.8	0.106
81 06 29 1330		.3	1	38596	5 7 9	1100	16500	10<	30A	20.0	7.70	1.4	0.072
81 07 29 1150		.3	1	38625	3	1000	12800	80A	180	16.5	8.60	0.6	0.072
81 08 11 1245		.3	1	38650	3 6	10<	280	10<	60A	20.5	7.80	1.4	0.035
81 09 28 1235		.3	1	38719	8	430	2000	10A	60A	12.5		0.4	0.021
81 10 19 1135		.3	1	38779	8	260	830	10<	20A	4.0	11.60	0.2	0.024
81 11 18 1025		.3	1	38832	8	10<	10<	10<	10<	2.5	10.80	0.4	0.015
81 12 14 1045		.3	1	38876	8	10<	190	10<	10<	1.0	12.00		0.013
MAXIMUM						**1500**	**130000**	**80**	**180**	**20.5**	**13.20**	**2.8**	**0.106**
ARITH MEAN						**636**	**16655**	**30**	**47**	**9.5**	**9.2**	**1.1**	**0.037**
GEOM MEAN						**256**	**2225**	**20**	**27**	**6.1**	**8.9**	**0.8**	**0.029**
MINIMUM						**10**	**190**	**10**	**4**	**1.0**	**6.10**	**0.2**	**0.013**
STD DEV (GEOM *)						**6***	**9***	**3***	**3***	**7.4**	**2.3**	**0.9**	**0.030**
# SAMPLES (IN STATISTICS)						**9**	**11**	**4**	**8**	**12**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1155		.3	1	0.004	0.136	0.500	0.007	0.353		0.496	0.364	0.860	300.0
81 02 10 1200		.3	1	0.007	0.244	0.640	0.010	0.320		0.574	0.396	0.970	327.0
81 03 26 1135		.3	1	0.002	0.020	0.45	0.008	0.280	0.290	0.308	0.430	0.738	
81 04 29 1120		.3	1	0.001<W	0.036	0.58	0.016	0.605	0.620	0.657	0.544	1.201	
81 05 20 1300		.3	1	0.038	0.298	0.93	0.071	0.405	0.475	0.774	0.632	1.406	
81 06 29 1330		.3	1	0.044	0.004	0.75	0.002	0.210	0.210	0.216	0.746	0.962	
81 07 29 1150		.3	1	0.036	0.016	0.56	0.004	0.030	0.035	0.050	0.544	0.594	
81 08 11 1245		.3	1	0.010	0.014	0.59	0.084	0.080	0.165	0.178	0.576	0.754	
81 09 28 1235		.3	1	0.005	0.050	0.42	0.005	0.020	0.025	0.075	0.370	0.445	
81 10 19 1135		.3	1	0.004	0.042	0.47	0.001<T	0.060	0.060	0.103	0.428	0.531	
81 11 18 1025		.3	1	0.004	0.038	0.41	0.002	0.025	0.025	0.065	0.372	0.437	
81 12 14 1045		.3	1	0.001	0.022	0.39	0.001<T	0.050	0.050	0.073	0.368	0.441	
MAXIMUM				**0.044**	**0.298**	**0.93**	**0.084**	**0.605**	**0.620**	**0.774**	**0.746**	**1.406**	**327.0**
ARITH MEAN				**0.013<A**	**0.077**	**0.55**	**0.018<A**	**0.203**	**0.195**	**0.297**	**0.481**	**0.778**	**313.5**
GEOM MEAN				**0.006<A**	**0.039**	**0.53**	**0.006<A**	**0.116**	**0.107**	**0.196**	**0.467**	**0.723**	**313.2**
MINIMUM				**0.001**	**0.004**	**0.39**	**0.001**	**0.020**	**0.025**	**0.050**	**0.364**	**0.437**	**300.0**
STD DEV (GEOM *)				**0.016<A**	**0.098**	**0.15**	**0.028<A**	**0.190**	**0.209**	**0.260**	**0.126**	**0.315**	**19.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 14 1155		.3	1	3.0	297.0	485.0	1.20	14.500			7.74	7.7	
81 02 10 1200		.3	1	2.0	325.0	540.0	1.40	19.500			7.67	7.4	
81 03 26 1135		.3	1	4	240	410	1.40	17.50	21.5	168	8.09		1<T
81 04 29 1120		.3	1	4	242	410	1.30	17.50	18.5	174	7.74	7.50	1
81 05 20 1300		.3	1	9	254	435	2.50	16.50	9.5	186	7.60	7.10	9
81 06 29 1330		.3	1	11	192	295	0.50	14.00	17.0	117	8.38	8.50	1<T
81 07 29 1150		.3	1	4.0	137	680	6.70	12.50	16.0	79	9.05		1<T
81 08 11 1245		.3	1	3.5	137	680	2.30	12.50	15.5	80	9.23	9.30	1<T
81 09 28 1235		.3	1	3.1	156	240	2.60	11.00	18.0	93	9.18	9.20	1<T
81 10 19 1135		.3	1	2.0	166	255	0.95	11.00	45.5	101	9.00	8.60	1<T
81 11 18 1025		.3	1	0.4	189	290	0.90	12.00	19.0	123	8.50	8.35	1<T
81 12 14 1045		.3	1	1.7	221	340	1.22	14.50	19.0	147	8.44	8.30	1<T
MAXIMUM				**11**	**325.0**	**680**	**6.70**	**19.500**	**45.5**	**186**	**9.23**	**9.30**	**9**
ARITH MEAN				**4**	**213**	**421**	**1.91**	**14.41**	**19.9**	**127**	**8.38**	**8.1**	**2<A**
GEOM MEAN				**3**	**205**	**397**	**1.53**	**14.17**	**18.5**	**121**	**8.36**	**8.1**	**1<A**
MINIMUM				**0.4**	**137**	**240**	**0.50**	**11.00**	**9.5**	**79**	**7.60**	**7.10**	**1**
STD DEV (GEOM *)				**3**	**61**	**151**	**1.64**	**2.79**	**9.5**	**40**	**0.62**	**0.7**	**3<A**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**10**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1135		.3	1	170	46.0	13.50	31	3.4	0.002 <	0.001<	0.003<	0.0002<	0.001<
81 04 29 1120		.3	1	177	47.0	14.50	25	3.8	0.004	0.001<	0.003<	0.0002<	0.001<
81 05 20 1300		.3	1	182	48.0	15.00	27	4.9	0.002 <	0.002	0.003<	0.0002<	0.002
81 06 29 1330		.3	1	123	27.0	13.50	22	4.9	0.0040	0.001	0.002<	0.0002<	0.001<
81 07 29 1150		.3	1	88	15.6	12.00	34	5.3	0.0020	0.001<W	0.003<	0.0001<	0.003
81 08 11 1245		.3	1	91	16.8	12.00	13	5.4	0.0010	0.001	0.006	0.0001	0.001
81 09 28 1235		.3	1	106	21.2	13.00	22	5.5	0.0020	0.001	0.003<	0.0001	0.001
81 10 19 1135		.3	1	115	24.0	13.50	13	5.3	0.0020	0.003	0.003	0.0003	0.001<
81 11 18 1025		.3	1	131	31.0	13.00	26	4.5	0.0020	0.003	0.004	0.0002	0.004
81 12 14 1045		3	1	150	38.0	13.50	18	4.6	0.001	0.003	0.005	0.0005	0.002
MAXIMUM				**182**	**48.0**	**15.00**	**34**	**5.5**	**0.0040**	**0.003**	**0.006**	**0.0005**	**0.004**
ARITH MEAN				**133**	**31.5**	**13.35**	**23**	**4.8**	**0.002**	**0.002<A**	**0.004**	**0.0002**	**0.002**
GEOM MEAN				**129**	**29.1**	**13.32**	**22**	**4.7**	**0.002**	**0.002<A**	**0.004**	**0.0002**	**0.002**
MINIMUM				**88**	**15.6**	**12.00**	**13**	**3.4**	**0.0010**	**0.001**	**0.003**	**0.0001**	**0.001**
STD DEV (GEOM *)				**35**	**12.5**	**0.94**	**7**	**0.7**	**0.001**	**0.001<A**	**0.001**	**0.0002**	**0.001**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**8**	**8**	**4**	**5**	**6**

(CONTD)

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **SOUTHERN DAM OF ORANGEVILLE RESERVOIR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-019-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M: **17 0573500.0 4863975.0 4** REGION: **02** DISTANCE: **87.868**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1135		.3	1	0.002 <
81 04 29 1120		.3	1	0.002 <
81 05 20 1300		.3	1	0.002 <
81 06 29 1330		.3	1	0.0020<
81 07 29 1150		.3	1	0.0020
81 08 11 1245		.3	1	0.0010<
81 09 28 1235		.3	1	0.0020
81 10 19 1135		.3	1	0.0010
81 11 18 1025		.3	1	0.0020
81 12 14 1045		.3	1	0.002
	MAXIMUM			**0.002**
	ARITH MEAN			**0.001**
	GEOM MEAN			**0.001**
	MINIMUM			**0.0010**
	STD DEV (GEOM *)			**0.000**
	# SAMPLES (IN STATISTICS)			**5**

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **SOUTH OF HWY.136 BELOW ORANGEVILLE STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-020-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M: **17 0573550.0 4862750.0 4** REGION: **03** DISTANCE: **86.098**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1210		.3	1	38310	7	92	320	2<	2	3.5	7.2	2.2	0.162
81 02 10 1210		.3	1	38353	6	4400	9000	488	76	4.5	5.4	2.2	0.166
81 03 26 1155		.3	1	38448	6	8800	18000	340	90A	9.0	7.40	2.0	0.156
81 04 29 1140		.3	1	38506	6	730	2200	80A	10<	12.5	6.60	1.6	0.164
81 05 20 1140		.3	1	38537	6	39000	120000	3100	860	15.0	6.70	4.6	0.310
81 06 29 1135		.3	1	38597	6	230A	13600	10<	10<	17.0	4.60	11.0	0.400
81 07 29 1210		.3	1	38626	3	4100	17000	390	440	14.5	7.20	1.8	0.179
81 08 11 1225		.3	1	38651	3 6	93000	180000	570	670	18.0	3.80	2.2	0.128
81 09 28 1205		.3	1	38720	8	400A	1500	10A	20A	14.5		6.0	0.452
81 10 19 1215		.3	1	38780	8	2100	21000	30A	70A	7.0	7.10	1.2	0.290
81 11 18 1045		.3	1	38833	8	780	3600	10A	10A	5.0	7.40	0.6	0.188
81 12 14 1100		.3	1	38877	8	280	280	10<	10A	4.0	10.10	0.2<T	0.222
	MAXIMUM					**93000**	**180000**	**3100**	**860**	**18.0**	**10.10**	**11.0**	**0.452**
	ARITH MEAN					**12826**	**32208**	**558**	**225**	**10.4**	**6.6**	**3.0<A**	**0.235**
	GEOM MEAN					**1852**	**7158**	**144**	**59**	**8.9**	**6.4**	**1.9<A**	**0.217**
	MINIMUM					**92**	**280**	**10**	**2**	**3.5**	**3.80**	**0.2**	**0.128**
	STD DEV (GEOM *)					**8***	**8***	**7***	**7***	**5.4**	**1.6**	**3.0<A**	**0.105**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**9**	**10**	**12**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1210		.3	1	0.051	2.250	3.080	0.280	11.200		13.730	0.830	14.560	718.0
81 02 10 1210		.3	1	0.074	5.800	7.250	0.380	7.250		13.430	1.450	14.880	767.0
81 03 26 1155		.3	1	0.053	1.240	1.65	1.75	10.75	12.50	13.740	0.410	14.150	
81 04 29 1140		.3	1	0.068	6.00	6.95	0.420	7.08	7.50	13.500	0.950	14.450	
81 05 20 1140		.3	1	0.155	0.620	3.75	1.40	9.40	10.8	11.420	3.130	14.550	
81 06 29 1135		.3	1	0.230	0.014	1.50	0.008	20.2	0.120	20.222	1.486	21.708	
81 07 29 1210		.3	1	0.095	0.006	0.67	0.130	4.140	4.170	4.276	0.664	4.940	
81 08 11 1225		.3	1	0.071	0.014	0.70	0.005	1.200	1.200	1.219	0.686	1.905	
81 09 28 1205		.3	1	0.270	0.002<T	2.92			8.500		2.918	11.420	
81 10 19 1215		.3	1	0.195	0.004	0.68	0.053	8.190	8.250	8.247	0.676	8.923	
81 11 18 1045		.3	1	0.130	0.022	0.81	0.100	3.450	3.550	3.572	0.788	4.360	
81 12 14 1100		.3	1	0.165	0.012	0.99	0.002	9.500	9.500	9.514	0.978	10.492	
	MAXIMUM			**0.270**	**6.00**	**7.250**	**1.75**	**20.2**	**12.50**	**20.222**	**3.130**	**21.708**	**767.0**
	ARITH MEAN			**0.130**	**1.33 <A**	**2.57**	**0.41**	**8.3**	**6.6**	**10.261**	**1.247**	**11.361**	**742.5**
	GEOM MEAN			**0.112**	**0.08 <A**	**1.78**	**0.09**	**6.8**	**4.1**	**8.218**	**1.035**	**9.601**	**742.1**
	MINIMUM			**0.051**	**0.002**	**0.67**	**0.002**	**1.200**	**0.120**	**1.219**	**0.410**	**1.905**	**718.0**
	STD DEV (GEOM *)			**0.074**	**2.24 <A**	**2.35**	**0.59**	**5.0**	**4.1**	**5.587**	**0.887**	**5.588**	**34.6**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 14 1210		.3	1	4.0	714.0	1200.0	1.80	164.000			7.34	7.4	
81 02 10 1210		.3	1	2.0	765.0	1300.0	0.94	210.000			7.37	7.25	
81 03 26 1155		.3	1	3	673	1120	1.10	159.00	97	209	7.56		1<T
81 04 29 1140		.3	1	2	710	1220	1.20	165.00	99.0	253	7.64	7.30	1<T
81 05 20 1140		.3	1	5	726	1220	1.50	176.00	93.0	228	7.47	7.20	1<T
81 06 29 1135		.3	1	5	764	1220	1.70	163.00	79.0	201	7.20	7.10	1<T
81 07 29 1210		.3	1	4.0	336	840	1.90	117.00	59.0	184	7.56		1<T
81 08 11 1225		.3	1	5.8	396	620	2.50	65.0	32.0	180	7.56	7.40	1<T
81 09 28 1205		.3	1	1.9	599	1100	1.50	152.00	41.0	227	7.50	7.35	1
81 10 19 1215		.3	1	3.0	695	1070	1.51	166.00	99.0	212	7.61	7.15	1<T
81 11 18 1045		.3	1	2.9	407	660	1.37	71.00	59.0	184	7.69	7.50	1
81 12 14 1100		.3	1	1.7	446	790	1.10	105.00	55.0	186	7.48	7.56	1<T

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
MAXIMUM				5.8	765.0	1300.0	2.50	210.000	99.0	253	7.69	7.56	1
ARITH MEAN				3	602	1030	1.51	142.7	71	206	7.50	7.3	1<A
GEOM MEAN				3	580	1001	1.46	135.1	66	205	7.49	7.3	1<A
MINIMUM				1.7	336	620	0.94	65.0	32.0	180	7.20	7.10	1
STD DEV (GEOM *)				1	160	238	0.43	43.8	25	24	0.14	0.1	0<A
# SAMPLES (IN STATISTICS)				12	12	12	12	12	10	10	12	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1155	3	1		291	78.0	23.50	33	4.4	0.003	0.053	0.003<	0.0002<	0.032
81 04 29 1140	3	1		309	80.0	26.50	33	4.9	0.002 <	0.004	0.003<	0.0003	0.011
81 05 20 1140	3	1		311	81.0	26.50	17	5.2	0.002 <	0.006	0.003<	0.0003	0.009
81 06 29 1135	3	1		293	77.0	24.50	71	4.9	0.0090	0.008	0.003<	0.0002<	0.016
81 07 29 1210	3	1		230	60.0	19.50	34	5.5	0.0030	0.003	0.008	0.0001	0.008
81 08 11 1225	3	1		185	47.0	16.50	25	5.9	0.0070	0.004	0.011	0.0005	0.008
81 09 28 1205	3	1		275	71.4	23.40	40	5.3	0.0050	0.007	0.003<	0.0002	0.019
81 10 19 1215	3	1		296	78.0	24.50	23	5.1	0.0070	0.010	0.005	0.0003	0.013
81 11 18 1045	3	1		223	58.0	19.00	22	4.5	0.0040	0.008	0.003<	0.0001<	0.008
81 12 14 1100	3	1		236	63.0	19.00	2	4.8	0.003	0.011	0.006	0.0004	0.010
MAXIMUM				311	81.0	26.50	71	5.9	0.0090	0.053	0.011	0.0005	0.032
ARITH MEAN				265	69.3	22.29	30	5.0	0.005	0.011	0.007	0.0003	0.013
GEOM MEAN				261	68.4	22.03	23	5.0	0.004	0.008	0.007	0.0003	0.012
MINIMUM				185	47.0	16.50	2	4.4	0.003	0.003	0.005	0.0001	0.008
STD DEV (GEOM *)				43	11.6	3.51	18	0.5	0.002	0.015	0.003	0.0001	0.008
# SAMPLES (IN STATISTICS)				10	10	10	10	10	8	10	4	7	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1155	3	1		0.410
81 04 29 1140	3	1		0.020
81 05 20 1140	3	1		0.002 <
81 06 29 1135	3	1		0.0080
81 07 29 1210	3	1		0.0100
81 08 11 1225	3	1		0.0070
81 09 28 1205	3	1		0.0190
81 10 19 1215	3	1		0.0080
81 11 18 1045	3	1		0.0120
81 12 14 1100	3	1		0.040
MAXIMUM				0.410
ARITH MEAN				0.059
GEOM MEAN				0.019
MINIMUM				0.0070
STD DEV (GEOM *)				0.131
# SAMPLES (IN STATISTICS)				9

B.O.W / SITE: **CREDIT RIVER WEST BRANCH**
SAMPLE POINT: **AT COUNTY ROAD NO. 13 GEORGETOWN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-022-02**
STORET CODE: **02 004 4170**

LAT: LONG: U T M: **17 0589800.0 4831950.0 4** REGION: **03** DISTANCE: **37.175**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 16 0955	3	1		37011	4	300	1500	8	40	0.0	5.8	1.2	0.034
81 02 17 1205	3	1		37023	4	3600C	33000	60I	90I	0.0	8.4	1.7	0.167
81 03 16 1405	3	1		37029	6	80I	440	10<	10<	2.0	12.8	1.4	0.064
81 04 20 1233	3	1		37042	6	70C	3400	10<	10I	8.0	13.8		0.014
81 05 20 1330	3	1		37054	8	400A	4750	4<	4	15.0	13.00	1.0	0.032
81 06 22 1345	3	1		37065		4100A	47000	820	1270	17.0	8.00	1.2	0.141
81 07 22 1300	3	1		37076	6	20<	12000	20<	40A	19.0	10.20	0.4	0.040
81 08 20 1555	3	1		37087	6	1200	14000	100<	300A	20.0	11.0	0.4	0.022
81 09 24 1350	3	1		37098	6	680A	24000	140A	180A	12.0	13.00	0.2<T	0.022
81 10 21 1440	3	1		37110	6	4400A	49000	360	1500>	7.0	11.20	1.4	0.080
81 11 23 1300	3	1		37121	6	3400	7100	60A	210	2.0	11.00	0.8	0.032
81 12 17 1345	3	1		37132	6	20A	640	10A	40A	0.5	14.00		0.012
MAXIMUM						4400	49000	820	1270	20.0	14.00	1.7	0.167
ARITH MEAN						1659	16402	208	218	10.2	11.0	1.0<A	0.055
GEOM MEAN						578	7041	74	71	6.5	10.7	0.8<A	0.039
MINIMUM						20	440	8	4	0.5	5.8	0.2	0.012
STD DEV (GEOM *)						7*	5*	6*	5*	7.4	2.5	0.5<A	0.051
# SAMPLES (IN STATISTICS)						11	12	7	10	10	12	10	12

(CONTD)

B.O.W./ SITE: **CREDIT RIVER WEST BRANCH**
SAMPLE POINT: **AT COUNTY ROAD NO. 13 GEORGETOWN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-022-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M.: **17 0589800.0 4831950.0 4** REGION: **03** DISTANCE: **37.175**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 16 0955		.3	1	0.047	0.730	1.130	0.045	4.500		5.275	0.400	5.675	571.0
81 02 17 1205		.3	1	0.060	1.920	2.870	0.007	1.740		3.667	0.950	4.617	636.0
81 03 16 1405		.3	1	0.035	0.820	1.250	0.025	2.730		3.575	0.430	4.005	522.0
81 04 20 1233		.3	1	0.009	0.060	0.390	0.010	2.350		2.420	0.330	2.750	450.0
81 05 20 1330		.3	1	0.015	0.012	0.43	0.043	0.690	0.735	0.745	0.418	1.163	313
81 06 22 1345		.3	1	0.047	0.002<T	1.02	0.003	0.565	0.570	0.570	1.018	1.588	321
81 07 22 1300		.3	1	0.018	0.006	0.55	0.063	2.390	2.450	2.459	0.544	3.003	445
81 08 20 1555		.3	1	0.012	0.002	0.45	0.031	2.020	2.050	2.053	0.448	2.501	473
81 09 24 1350		.3	1	0.002	0.030	0.42	0.005	2.240	2.250	2.275	0.390	2.665	509
81 10 21 1440		.3	1	0.027	0.042	0.50	0.009	1.390	1.400	1.441	0.458	1.899	428
81 11 23 1300		.3	1	0.021	0.018	0.47	0.004	1.550	1.550	1.572	0.452	2.024	410
81 12 17 1345		.3	1	0.001	0.018	0.33	0.007	3.040	3.050	3.065	0.312	3.377	445
MAXIMUM				**0.060**	**1.920**	**2.870**	**0.063**	**4.500**	**3.050**	**5.275**	**1.018**	**5.675**	**636.0**
ARITH MEAN				**0.024**	**0.305<A**	**0.81**	**0.021**	**2.100**	**1.757**	**2.426**	**0.512**	**2.939**	**460**
GEOM MEAN				**0.015**	**0.038<A**	**0.64**	**0.013**	**1.827**	**1.538**	**2.055**	**0.478**	**2.682**	**451**
MINIMUM				**0.001**	**0.002**	**0.33**	**0.003**	**0.565**	**0.570**	**0.570**	**0.312**	**1.163**	**313**
STD DEV (GEOM *)				**0.019**	**0.586<A**	**0.72**	**0.020**	**1.066**	**0.854**	**1.332**	**0.229**	**1.309**	**92**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 16 0955		.3	1	9.0	562.0	960.0		107.000		7.97	7.4		
81 02 17 1205		.3	1	8.0	628.0	1120.0		214.000		7.66	6.5		
81 03 16 1405		.3	1	11.0	511.0	840.0		93.000		8.26			
81 04 20 1233		.3	1	2.0	448.0	540.0		84.000		8.62	8.1		
81 05 20 1330		.3	1		308	500	1.20		199	8.48	7.95		
81 06 22 1345		.3	1		277	500	1.30	30.00	199	8.15	6.60		
81 07 22 1300		.3	1		433	900	1.12	126.00	220	8.49			
81 08 20 1555		.3	1		463	800	0.70	93.00	216	8.40	7.60		
81 09 24 1350		.3	1		500	805	0.72	92.00	236	8.39	7.70	0.005	0.004
81 10 21 1440		.3	1		413	680	13.30	63.00	234	8.47	7.35	0.006	0.011
81 11 23 1300		.3	1		409	660	1.57	50.00	241	8.50	7.00	0.013	0.005
81 12 17 1345		.3	1		436	800	1.14	87.00	206	8.35	7.60	0.012	0.004
MAXIMUM				**11.0**	**628.0**	**1120.0**	**13.30**	**214.000**	**241**	**8.62**	**8.1**	**0.013**	**0.011**
ARITH MEAN				**7.5**	**449**	**758**	**2.63**	**94.45**	**219**	**8.31**	**7.3**	**0.009**	**0.006**
GEOM MEAN				**6.3**	**438**	**736**	**1.46**	**84.58**	**218**	**8.31**	**7.3**	**0.008**	**0.005**
MINIMUM				**2.0**	**277**	**500**	**0.70**	**30.00**	**199**	**7.66**	**6.5**	**0.005**	**0.004**
STD DEV (GEOM *)				**3.9**	**97**	**190**	**4.32**	**47.68**	**17**	**0.27**	**0.5**	**0.004**	**0.003**
# SAMPLES (IN STATISTICS)				**4**	**12**	**12**	**8**	**11**	**8**	**12**	**10**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 09 24 1350		.3	1	0.002
81 10 21 1440		.3	1	0.002
81 11 23 1300		.3	1	0.004
81 12 17 1345		.3	1	0.001
MAXIMUM				**0.004**
ARITH MEAN				**0.002**
GEOM MEAN				**0.002**
MINIMUM				**0.001**
STD DEV (GEOM *)				**0.001**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **CREDIT RIVER**
SAMPLE POINT: **AT MELVILLE**
STATION TYPE: **RIVER FLOW GUAGE FED 02HB013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CREDIT RIVER**

STATION ID: **06-0076-023-02**
STORET CODE: **02 004 4170**

LAT: LONG: U.T.M.: **17 0575200.0 4859700.0 4** REGION: **03** DISTANCE: **79.660**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1120		.3	1	38307	4	0.547	300	2600	10<	4	1.0	8.9	1.0
81 02 10 1135		.3	1	38350	6	0.520	590	2000	112	32	2.0	8.6	2.0
81 03 26 1105		.3	1	38445	6	0.498	470	3000>	24	4	6.0	12.00	0.6
81 04 29 1050		.3	1	28503	6	0.310	330	3000>	50A	10<	14.0	11.60	1.4
81 05 20 1110		.3	1	38534	6	0.282	540A	9200	30A	10A	15.0	9.60	1.4
81 06 29 1115		.3	1	38594	6	0.212	1300	21500	130	50A	20.5	6.40	0.6
81 07 29 1120		.3	1	38623	3	1.040	11000A	68000	1020	3000>	13.0	7.60	1.0
81 08 11 1120		.3	1	38648	6	0.420	200A	34000	40A	50A	19.0	7.70	1.0
81 09 28 1115		.3	1	38717	8	0.361	1500	4100	40A	410	14.0	9.30	0.6
81 10 19 1110		.3	1	38777	8	0.669	3500	20000	20A	130	4.5	10.50	0.4
81 11 18 1000		.3	1	38830	8	0.830	3100	15000	80A	90A	3.5	9.40	0.4
81 12 14 1020		.3	1	38874	8	0.853	540	5000	20A	10<	1.0	11.70	
MAXIMUM						**1.040**	**11000**	**68000**	**1020**	**410**	**20.5**	**12.00**	**2.0**
ARITH MEAN						**0.545**	**1947**	**18140**	**142**	**87**	**9.5**	**9.4**	**0.9**
GEOM MEAN						**0.491**	**921**	**10387**	**58**	**34**	**6.1**	**9.2**	**0.8**
MINIMUM						**0.212**	**200**	**2000**	**20**	**4**	**1.0**	**6.40**	**0.4**
STD DEV (GEOM *)						**0.257**	**3***	**3***	**3***	**5***	**7.2**	**1.7**	**0.5**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**11**	**9**	**12**	**12**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 14 1120		.3	1	0.054	0.034	0.230	0.670	0.019	4.380		4.629	0.440	5.069
81 02 10 1135		.3	1	0.095	0.034	1.360	2.030	0.009	2.640		4.009	0.670	4.679
81 03 26 1105		.3	1	0.035	0.009	0.026	0.53	0.012	2.400	2.500	2.438	0.504	2.942
81 04 29 1050		.3	1	0.044	0.021	0.310	0.93	0.300	2.15	2.450	2.760	0.620	3.380
81 05 20 1110		.3	1	0.096	0.035	0.090	0.57	0.034	1.170	1.200	1.294	0.480	1.774
81 06 29 1115		.3	1	0.129	0.093	0.006	0.52	0.001	0.565	0.565	0.572	0.514	1.086
81 07 29 1120		.3	1	0.198	0.125	0.028	0.58	0.028	0.230	0.260	0.286	0.552	0.838
81 08 11 1120		.3	1	0.202	0.165	0.014	0.52	0.007	0.168	0.175	0.189	0.506	0.695
81 09 28 1115		.3	1	0.064	0.039	0.062	0.48	0.017	0.345	0.360	0.424	0.418	0.842
81 10 19 1110		.3	1	0.082	0.035	0.056	0.55	0.018	1.330	1.350	1.404	0.494	1.898
81 11 18 1000		.3	1	0.072	0.048	0.038	0.52	0.035	0.925	0.960	0.998	0.482	1.480
81 12 14 1020		.3	1	0.039	0.027	0.018	0.36	0.005	1.840	1.850	1.863	0.342	2.205
	MAXIMUM			**0.202**	**0.165**	**1.360**	**2.030**	**0.300**	**4.380**	**2.500**	**4.629**	**0.670**	**5.069**
	ARITH MEAN			**0.092**	**0.056**	**0.186**	**0.68**	**0.040**	**1.51**	**1.167**	**1.739**	**0.502**	**2.241**
	GEOM MEAN			**0.079**	**0.041**	**0.057**	**0.61**	**0.016**	**1.01**	**0.834**	**1.153**	**0.495**	**1.827**
	MINIMUM			**0.035**	**0.009**	**0.006**	**0.36**	**0.001**	**0.168**	**0.175**	**0.189**	**0.342**	**0.695**
	STD DEV (GEOM *)			**0.057**	**0.047**	**0.381**	**0.44**	**0.082**	**1.24**	**0.868**	**1.462**	**0.086**	**1.486**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 14 1120		.3	1	438.00	3.00	435.00	700.0	1.30	52.000	41.500	226.0	7.59	7.5
81 02 10 1135		.3	1	673.00	19.00	474.00	760.0	1.80	68.000	47.000	243.0	7.70	7.4
81 03 26 1105		.3	1		6	375	640	1.20	51.00	42.0	209	7.97	
81 04 29 1050		.3	1		5	427	720	2.40	77.00	47.5	228	8.24	7.95
81 05 20 1110		.3	1		5	418	680	1.50	65.00	44.5	219	8.38	8.20
81 06 29 1115		.3	1		5	421	690	1.40	71.00	38.5	232	8.17	7.70
81 07 29 1120		.3	1		7.0	358	600	0.81	46.00	37.0	201	7.68	
81 08 11 1120		.3	1		2.5	350	560	0.89	46.00	29.5	202	8.20	8.00
81 09 28 1115		.3	1		1.9	386	680	0.88	59.00	69.0	225	8.24	8.15
81 10 19 1110		.3	1		5.0	398	620	1.39	58.00	42.5	219	8.13	7.60
81 11 18 1000		.3	1		3.9	297	500	2.20	32.50	35.5	184	8.05	7.70
81 12 14 1020		.3	1		1.3	296	530	1.56	38.50	30.5	188	8.27	7.90
	MAXIMUM			**673.00**	**19.00**	**474.00**	**760.0**	**2.40**	**77.00**	**69.0**	**243.0**	**8.38**	**8.20**
	ARITH MEAN			**555.50**	**5**	**386**	**640**	**1.44**	**55.33**	**42.0**	**214**	**8.05**	**7.8**
	GEOM MEAN			**542.93**	**4**	**382**	**635**	**1.37**	**53.74**	**41.0**	**214**	**8.05**	**7.8**
	MINIMUM			**438.00**	**1.3**	**296**	**500**	**0.81**	**32.50**	**29.5**	**184**	**7.59**	**7.4**
	STD DEV (GEOM *)			**166.17**	**4**	**54**	**79**	**0.50**	**13.47**	**10.2**	**18**	**0.26**	**0.2**
	# SAMPLES (IN STATISTICS)			**2**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG
81 01 14 1120		.3	1	1.000<	0.120				15.000	25		0.001<	0.040<
81 02 10 1135		.3	1	1.000<	0.440				16.000	30		0.001<	0.040<
81 03 26 1105		.3	1	<T		229	63.0	17.50		14	2.9		
81 04 29 1050		.3	1	<T		256	67.0	21.50		27	3.5		
81 05 20 1110		.3	1	<T		239	61.0	21.00		21	4.4		
81 06 29 1115		.3	1	<T		228	60.0	19.00		23	4.4		
81 07 29 1120		.3	1	<T		190	48.0	17.00		46	6.7		
81 08 11 1120		.3	1	<T		181	46.0	16.00		16	5.8		
81 09 28 1115		.3	1	<T		223	57.2	19.50					
81 10 19 1110		.3	1	<T		228	60.0	19.00		17	5.5		
81 11 18 1000		.3	1			190	52.0	14.50		15	4.9		
81 12 14 1020		.3	1	<T		203	54.0	16.50		4	3.7		
	MAXIMUM			**1**	**0.440**	**256**	**67.0**	**21.50**	**16.000**	**46**	**6.7**		
	ARITH MEAN			**1**	**<A 0.280**	**217**	**56.8**	**18.15**	**15.500**	**22**	**4.6**		
	GEOM MEAN			**1**	**<A 0.230**	**215**	**56.5**	**18.02**	**15.492**	**19**	**4.5**		
	MINIMUM			**1**	**0.120**	**181**	**46.0**	**14.50**	**15.000**	**4**	**2.9**		
	STD DEV (GEOM *)			**0**	**<A 0.226**	**24**	**6.7**	**2.24**	**0.707**	**11**	**1.2**		
	# SAMPLES (IN STATISTICS)			**10**	**2**	**10**	**10**	**10**	**2**	**11**	**9**		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 14 1120		.3	1	0.003<	0.001 <	0.0005<	0.003	0.0004	0.010	0.111	0.008	0.0005<	0.010<
81 02 10 1135		.3	1	0.220	0.001	0.003	0.003	0.0003	0.018	0.150	0.025	0.030	0.010<
81 03 26 1105		.3	1		0.002 <	0.003	0.003<	0.0002<	0.005		0.080		
81 04 29 1050		.3	1		0.002 <	0.002	0.003<	0.0003	0.003		0.007		
81 05 20 1110		.3	1		0.002 <	0.003	0.003	0.0003	0.001		0.002 <		
81 06 29 1115		.3	1		0.0020<	0.002	0.003<	0.0002<	0.001<		0.0040		
81 07 29 1120		.3	1		0.0020	0.002	0.005	0.0001	0.004		0.0060		
81 08 11 1120		.3	1		0.0020	0.003	0.009	0.0004	0.006		0.0070		
81 09 28 1115		.3	1		0.0030	0.004	0.003<	0.0001	0.003		0.0060		
81 10 19 1110		.3	1		0.0040	0.006	0.006	0.0004	0.003		0.0070		
81 11 18 1000		.3	1		0.0030	0.006	0.004	0.0001	0.004		0.0080		
81 12 14 1020		.3	1		0.001	0.004	0.004	0.0003	0.003		0.015		
	MAXIMUM			**0.220**	**0.0040**	**0.006**	**0.009**	**0.0004**	**0.018**	**0.150**	**0.080**	**0.030**	
	ARITH MEAN			**0.220**	**0.002**	**0.003**	**0.005**	**0.0003**	**0.005**	**0.130**	**0.015**	**0.030**	
	GEOM MEAN				**0.002**	**0.003**	**0.004**	**0.0002**	**0.004**	**0.129**	**0.010**		
	MINIMUM			**0.220**	**0.001**	**0.002**	**0.003**	**0.0001**	**0.001**	**0.111**	**0.0040**	**0.030**	
	STD DEV (GEOM *)				**0.001**	**0.001**	**0.002**	**0.0001**	**0.005**	**0.028**	**0.022**		
	# SAMPLES (IN STATISTICS)			**1**	**7**	**11**	**8**	**10**	**11**	**2**	**11**	**1**	

B.O.W./SITE: **ETOBICOKE CREEK**
SAMPLE POINT: **HIGHWAY 2 LONG BRANCH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC030**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ETOBICOKE CREEK**

STATION ID: **06-0080-001-02**
STORET CODE: **02 004 4110**

LAT: LONG: U.T.M.: **17 0617340.0 4827025.0 4** REGION: **03** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 19 1510		.3	1	31094	6	16.000			7001	5200	1.0	11.4	
81 03 05 1430		.3	1	31013	6	1.000					2.0	12.6	
81 04 10 1435		.3	1	31087	6 8	0.485					17.0	14.50	
81 04 23 1130		.3	1	31093	6 8	1.760					7.0	11.60	
81 05 07 1500		.3	1	31156	6 8	0.424					17.2	11.90	
81 06 10 1240		.3	1	31217	6 8	2.720					17.8	10.80	
81 06 30 1500		.3	1	37561	8	0.257	240000	690000	9200	2200	23.0	6.80	2.4
81 07 08 1332		.3	1	31277	6 8	0.694					24.2	5.90	
81 08 07 1240		.3	1	31339	6 8	0.605					21.2	9.80	
81 09 10 1130		.3	1	31398	8	0.871					17.2	12.70	7.8
81 10 16 1425		.3	1	31462	8	0.800					11.5	12.70	1.2
81 11 12 1040		.3	1	31522	8	0.590					4.0	1.63	0.2<T
81 12 04 1030		.3	1	31584	8	1.580					3.0	15.20	3.0
MAXIMUM						**16.000**	**240000**	**690000**	**9200**	**5200**	**24.2**	**15.20**	**7.8**
ARITH MEAN						**2.137**	**240000**	**690000**	**4950**	**3700**	**12.8**	**10.5**	**2.9<A**
GEOM MEAN						**1.008**			**2538**	**3382**	**8.8**	**9.4**	**1.7<A**
MINIMUM						**0.257**	**240000**	**690000**	**700**	**2200**	**1.0**	**1.63**	**0.2**
STD DEV (GEOM *)						**4.220**			**6***	**2***	**8.4**	**3.7**	**2.9<A**
# SAMPLES (IN STATISTICS)						**13**	**1**	**1**	**2**	**2**	**13**	**13**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 19 1510		.3	1	0.560	0.175								
81 03 05 1430		.3	1	0.128	0.066								
81 04 10 1435		.3	1	0.047	0.007	0.054							
81 04 23 1130		.3	1	0.406	0.055	0.102							
81 05 07 1500		.3	1	0.075	0.052								
81 06 10 1240		.3	1	0.426	0.035		2.45	0.190	0.960	1.115			3.600
81 06 30 1500		.3	1	0.370	0.290	0.172	0.73	0.280	0.170	0.450	0.622	0.558	1.180
81 07 08 1332		.3	1	0.065	0.033								
81 08 07 1240		.3	1	0.210	0.130		1.02	0.002	1.450	1.450			2.472
81 09 10 1130		.3	1	0.060	0.021	0.152	0.88	0.072	0.745	0.815	0.969	0.728	1.697
81 10 16 1425		.3	1	0.060	0.016	0.064	0.48	0.022	0.235	0.255	0.321	0.416	0.737
81 11 12 1040		.3	1	0.025	0.006	0.024	0.41	0.008	0.660	0.670	0.692	0.386	1.078
81 12 04 1030		.3	1	0.120	0.054	0.058							
MAXIMUM				**0.560**	**0.290**	**0.172**	**2.45**	**0.280**	**1.450**	**1.450**	**0.969**	**0.728**	**3.600**
ARITH MEAN				**0.196**	**0.072**	**0.089**	**0.99**	**0.096**	**0.703**	**0.792**	**0.651**	**0.522**	**1.794**
GEOM MEAN				**0.128**	**0.042**	**0.075**	**0.83**	**0.033**	**0.549**	**0.683**	**0.605**	**0.505**	**1.555**
MINIMUM				**0.025**	**0.006**	**0.024**	**0.41**	**0.002**	**0.170**	**0.255**	**0.321**	**0.386**	**0.737**
STD DEV (GEOM *)				**0.180**	**0.082**	**0.055**	**0.75**	**0.114**	**0.476**	**0.438**	**0.266**	**0.156**	**1.071**
# SAMPLES (IN STATISTICS)				**13**	**13**	**7**	**6**	**6**	**6**	**6**	**4**	**4**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 02 19 1510		.3	1		182.00	345.00	580.0			75.0	7.29	7.8	
81 03 05 1430		.3	1		5.00	815.00	1180.0			212.0	8.15	8.1	
81 04 10 1435		.3	1		11	722	1160			136	8.23	8.70	
81 04 23 1130		.3	1		67	527	860			112	7.70	7.90	
81 05 07 1500		.3	1		3	706				138	8.32	8.50	
81 06 10 1240		.3	1		143	290				103	7.63	8.00	
81 06 30 1500		.3	1	622		613	1060	1.50	210.00	125	7.83	7.90	
81 07 08 1332		.3	1		5	574				144	8.78	8.85	
81 08 07 1240		.3	1		23.4	620				168	7.90	8.30	
81 09 10 1130		.3	1	740	13.7	726	1100	2.40	149.00	238	7.72	8.00	
81 10 16 1425		.3	1	559	14.0	545	690	1.66	111.00	156	8.66	8.65	1<T
81 11 12 1040		.3	1	704	2.6	701	1050	1.76	152.00	222	8.26	8.20	1<T
81 12 04 1030		.3	1	528	6.4	522	910	8.50	108.00	233	8.59	8.55	1
MAXIMUM				**740**	**182.00**	**815.00**	**1180.0**	**8.50**	**210.00**	**238**	**8.78**	**8.85**	**1**
ARITH MEAN				**631**	**39**	**592**	**954**	**3.16**	**146.00**	**158**	**8.08**	**8.2**	**1<A**
GEOM MEAN				**625**	**14**	**571**	**930**	**2.46**	**141.64**	**150**	**8.07**	**8.2**	**1<A**
MINIMUM				**528**	**2.6**	**290**	**580.0**	**1.50**	**108.00**	**75.0**	**7.29**	**7.8**	**1**
STD DEV (GEOM *)				**91**	**60**	**151**	**210**	**3.00**	**41.26**	**52**	**0.45**	**0.3**	**0<A**
# SAMPLES (IN STATISTICS)				**5**	**12**	**13**	**9**	**5**	**5**	**13**	**13**	**13**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L
TEST-NAME:				*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*	*P1PCBT*
81 02 19 1510		.3	1		0.003	0.050	0.009	0.019	0.047	0.0005	0.086		49
81 03 05 1430		.3	1		0.001<	1.380	0.006	0.006	0.004	0.0003	0.019		20<W
81 04 10 1435		.3	1		0.001<		0.061	0.006	0.003<	0.0002<	0.010		20<W
81 04 23 1130		.3	1		0.001		0.003	0.010	0.005	0.0003	0.011		150
81 05 07 1500		.3	1		0.001<		0.006	0.002	0.003<	0.0002<	0.010		
81 06 10 1240		.3	1		0.001	0.07	0.0160	0.031	0.150	0.0009	0.160		170
81 07 08 1332		.3	1		0.001		0.0110	0.086	0.003	0.0020	0.011		20<W
81 08 07 1240		.3	1		0.001<	0.08	0.0070	0.008	0.007	0.0005	0.024		20<W
81 09 10 1130		.3	1	0.38	0.001		0.0040	0.007	0.003<	0.0001<	0.004	0.0020	20<W
81 10 16 1425		.3	1	0.33	0.001<	0.04 <	0.0090	0.011	0.009	0.0005	0.010	0.0050	75
81 11 12 1040		.3	1	0.19	0.001<	0.08 <	0.0050	0.019	0.005	0.0005	0.007		20<W
81 12 04 1030		.3	1	1.06	0.001<	0.04	0.0070	0.011	0.003<	0.0001	0.014	0.0040	20<W
MAXIMUM				**1.06**	**0.003**	**1.380**	**0.061**	**0.086**	**0.150**	**0.0020**	**0.160**	**0.0050**	
ARITH MEAN				**0.49**	**0.001**	**0.32**	**0.012**	**0.018**	**0.029**	**0.0006**	**0.030**	**0.0037**	
GEOM MEAN				**0.40**	**0.001**	**0.10**	**0.008**	**0.011**	**0.010**	**0.0005**	**0.016**	**0.0034**	
MINIMUM				**0.19**	**0.001**	**0.04**	**0.003**	**0.002**	**0.003**	**0.0001**	**0.004**	**0.0020**	
STD DEV (GEOM *)				**0.39**	**0.001**	**0.59**	**0.015**	**0.023**	**0.051**	**0.0006**	**0.046**	**0.0015**	
# SAMPLES (IN STATISTICS)				**4**	**5**	**5**	**12**	**12**	**8**	**9**	**12**	**3**	

B.O.W./ SITE: **ETOBICOKE CREEK WEST**
SAMPLE POINT: **DERRY ROAD EAST MISSISSAUGA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ETOBICOKE CREEK**

STATION ID: **06-0080-002-02**
STORET CODE: **02 004 4110**

LAT: LONG: U T M: **17 0606925.0 4836550.0 4** REGION: **03** DISTANCE: **20.438**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 03 11 1410		.3	1	37527	6	180I	3000	10<	10<	3.0	13.6	0.6	0.060
81 05 12 1530		.3	1	37543	8	4300	30000>	720	560	10.5	11.40	2.0	0.097
81 06 30 1420		.3	1	37559	8	900A	22000	20A	60A	23.8	9.00	0.4	0.026
81 07 31 1415		.3	1	37575	5					25.5	12.10	0.2<T	0.022
81 08 27 1040		.3	1	37591	8	1000A	47000	60A	100	20.0	7.80	1.0	0.149
81 09 28 1420		.3	1	37607	5 8	1900	5100	30A	30A	14.0	16.00	0.2	0.015
81 12 02 1410		.3	1	37623	8	20000	49000	1270	330	3.6	11.80	1.2	0.285
81 12 21 1525		.3	1	37639	4	30A	100	10<	20A	0.0	14.40	0.2<T	0.029
	MAXIMUM					**20000**	**49000**	**1270**	**560**	**25.5**	**16.00**	**2.0**	**0.285**
	ARITH MEAN					**4044**	**21033**	**420**	**183**	**14.3**	**12.0**	**0.7<A**	**0.085**
	GEOM MEAN					**968**	**6530**	**127**	**93**	**11.0**	**11.7**	**0.5<A**	**0.053**
	MINIMUM					**30**	**100**	**20**	**20**	**3.0**	**7.80**	**0.2**	**0.015**
	STD DEV (GEOM *)					8*	10*	7*	4*	9.2	2.7	0.6<A	0.093
	# SAMPLES (IN STATISTICS)					7	6	5	6	7	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 03 11 1410		.3	1	0.013	0.062	0.680	0.016	0.990		1.068	0.618	1.686	605.0
81 05 12 1530		.3	1	0.012	0.076	1.01	0.039	0.910	0.950	1.025	0.934	1.959	568
81 06 30 1420		.3	1	0.010	0.036	0.42	0.020	0.005	0.025	0.061	0.384	0.445	643
81 07 31 1415		.3	1	0.003	0.004	0.40	0.013	0.040	0.055	0.057	0.396	0.453	520
81 08 27 1040		.3	1	0.003	0.030	0.27	0.001	0.010	0.010	0.041	0.240	0.281	
81 09 28 1420		.3	1	0.001	0.014	0.50	0.005	0.115	0.120	0.134	0.486	0.620	497
81 12 02 1410		.3	1	0.027	0.066	0.98	0.084	1.420	1.500	1.570	0.914	2.484	508
81 12 21 1525		.3	1	0.003	0.022	0.33	0.003	0.655	0.660	0.680	0.308	0.988	725
	MAXIMUM			**0.027**	**0.076**	**1.01**	**0.084**	**1.420**	**1.500**	**1.570**	**0.934**	**2.484**	**725**
	ARITH MEAN			**0.009**	**0.039**	**0.57**	**0.023**	**0.518**	**0.474**	**0.579**	**0.535**	**1.114**	**580**
	GEOM MEAN			**0.006**	**0.028**	**0.51**	**0.011**	**0.145**	**0.148**	**0.262**	**0.481**	**0.855**	**576**
	MINIMUM			**0.001**	**0.004**	**0.27**	**0.001**	**0.005**	**0.010**	**0.041**	**0.240**	**0.281**	**497**
	STD DEV (GEOM *)			0.009	0.026	0.28	0.026	0.560	0.582	0.593	0.265	0.824	83
	# SAMPLES (IN STATISTICS)			8	8	8	8	8	7	8	8	8	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 03 11 1410		.3	1	5.0	600.0	940.0		97.000		8.30	7.9		
81 05 12 1530		.3	1		521	780	35.00	102.00	174	8.20	6.80		
81 06 30 1420		.3	1		636	940	0.95	101.00	119	8.63	8.15		
81 07 31 1415		.3	1		509	720	1.36	66.000	141	8.36	8.00		
81 08 27 1040		.3	1			900	0.64	82.00	116	8.14	7.80	0.009	0.003<
81 09 28 1420		.3	1		495	750	1.06	73.00	168	8.32	8.00	0.011	0.003<
81 12 02 1410		.3	1		430	650	93.00	53.00	174	7.97	8.13	0.017	0.036
81 12 21 1525		.3	1		714	1180	2.60	104.00	135	7.88	7.84	0.005	0.003<
	MAXIMUM			**5.0**	**714**	**1180**	**93.00**	**104.00**	**174**	**8.63**	**8.15**	**0.017**	**0.036**
	ARITH MEAN			**5.0**	**557**	**857**	**19.23**	**84.75**	**147**	**8.22**	**7.8**	**0.010**	**0.036**
	GEOM MEAN				**550**	**843**	**3.57**	**82.64**	**145**	**8.22**	**7.8**	**0.010**	
	MINIMUM			**5.0**	**430**	**650**	**0.64**	**53.00**	**116**	**7.88**	**6.80**	**0.005**	**0.036**
	STD DEV (GEOM *)				96	168	34.87	19.22	25	0.24	0.4	0.005	
	# SAMPLES (IN STATISTICS)			1	7	8	7	8	7	8	8	4	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 27 1040		.3	1	0.004
81 09 28 1420		.3	1	0.002
81 12 02 1410		.3	1	0.048
81 12 21 1525		.3	1	0.004
	MAXIMUM			**0.048**
	ARITH MEAN			**0.014**
	GEOM MEAN			**0.006**
	MINIMUM			**0.002**
	STD DEV (GEOM *)			**0.022**
	# SAMPLES (IN STATISTICS)			**4**

B.O.W. / SITE: **ETOBICOKE CREEK**
SAMPLE POINT: **BURNHAMTHORPE ROAD MISSISSAUGA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ETOBICOKE CREEK**

STATION ID: **06-0080-003-02**
STORET CODE: **02 004 4110**

LAT: LONG: U.T.M: **17 0614050.0 4832400.0 4** REGION: **03** DISTANCE: **8.690**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 06 1300		.3	1	37512	4	1800	4300	50I	800	0.5			0.100
81 03 11 1430		.3	1	37528	6	5600	3900	110	60I	3.5	12.5	1.0	0.034
81 05 12 1600		.3	1	37544	8	47000	220000	280	470	10.5	11.40	2.6	0.368
81 06 30 1440		.3	1	37560	5 8	24000	109000	160	170	23.5	11.40	0.2	0.133
81 07 31 1430		.3	1	37576	8					27.0	9.50	4.4	0.090
81 08 27 1100		.3	1	37592	8	7600A	90000	380	410	19.0	8.60	5.2	0.050
81 09 28 1455		.3	1	37608	8	1700	18000	220	80A	15.0	16.40	0.2	0.060
81 12 02 1430		.3	1	37624	8	38000	93000	1400	1660	3.6	11.80	1.4	0.238
81 12 21 1550		.3	1	37640	4	6800	4400	610	100A	0.0	14.40	0.2<T	0.017
MAXIMUM						**47000**	**220000**	**1400**	**1660**	**27.0**	**16.40**	**5.2**	**0.368**
ARITH MEAN						**16562**	**67825**	**401**	**469**	**12.8**	**12.0**	**1.9<A**	**0.121**
GEOM MEAN						**8860**	**26806**	**254**	**260**	**7.7**	**11.7**	**1.0<A**	**0.083**
MINIMUM						**1700**	**3900**	**50**	**60**	**0.5**	**8.60**	**0.2**	**0.017**
STD DEV (GEOM *)						**4***	**5***	**3***	**3***	**9.9**	**2.5**	**2.0<A**	**0.114**
# SAMPLES (IN STATISTICS)						**8**	**8**	**8**	**8**	**8**	**8**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 06 1300		.3	1	0.051	0.990	2.000	0.019	0.656		1.665	1.010	2.675	1233.0
81 03 11 1430		.3	1	0.013	0.410	0.900	0.042	1.260		1.712	0.490	2.202	712.0
81 05 12 1600		.3	1	0.017	0.130	1.31	0.007	0.000	1.800	0.137	1.180	1.317	458
81 06 30 1440		.3	1	0.090	0.064	0.45	0.027	0.050	0.075	0.141	0.386	0.527	536
81 07 31 1430		.3	1	0.056	0.004	0.68	0.006	3.640	3.650	3.650	0.676	4.326	420
81 08 27 1100		.3	1	0.034	0.012	0.45	0.080	0.010	0.090	0.102	0.438	0.540	540
81 09 28 1455		.3	1	0.028	0.076	0.65	0.008	0.100	0.110	0.184	0.574	0.758	46
81 12 02 1430		.3	1	0.032	0.042	0.98	0.030	1.670	1.700	1.742	0.938	2.680	459
81 12 21 1550		.3	1	0.002	0.034	0.37	0.024	0.975	1.000	1.033	0.336	1.369	719
MAXIMUM				**0.090**	**0.990**	**2.000**	**0.080**	**3.640**	**3.650**	**3.650**	**1.180**	**4.326**	**1233.0**
ARITH MEAN				**0.036**	**0.196**	**0.86**	**0.027**	**1.045**	**1.204**	**1.152**	**0.670**	**1.822**	**569**
GEOM MEAN				**0.025**	**0.064**	**0.75**	**0.020**	**0.354**	**0.504**	**0.574**	**0.612**	**1.440**	**449**
MINIMUM				**0.002**	**0.004**	**0.37**	**0.006**	**0.010**	**0.075**	**0.102**	**0.336**	**0.527**	**46**
STD DEV (GEOM *)				**0.027**	**0.323**	**0.52**	**0.023**	**1.212**	**1.313**	**1.187**	**0.303**	**1.264**	**317**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**8**	**7**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 02 06 1300		.3	1	7.0	1226.0	2000.0		371.000		7.65	7.3		
81 03 11 1430		.3	1	3.0	709.0	1120.0		153.000		8.29	7.4		
81 05 12 1600		.3	1		425	720	30.00	103.00	139	7.99	6.90		
81 06 30 1440		.3	1		533	880	0.78	129.00	95	9.15	8.70		
81 07 31 1430		.3	1		414	680	0.97	84.0	122	7.40	7.90		
81 08 27 1100		.3	1		535	880	0.51	107.00	137	8.05	7.80	0.012	0.003<
81 09 28 1455		.3	1		44	68	1.13	81.00	128	8.77	8.40	0.010	0.003<
81 12 02 1430		.3	1		390	710	104.00	89.00	163	7.93	8.09	0.016	0.050
81 12 21 1550		.3	1		706	1200	4.10	140.00	170	8.02	7.89	0.180	0.003<
MAXIMUM				**7.0**	**1226.0**	**2000.0**	**104.00**	**371.000**	**170**	**9.15**	**8.70**	**0.180**	**0.050**
ARITH MEAN				**5.0**	**553**	**917**	**20.21**	**139.6**	**136**	**8.14**	**7.8**	**0.054**	**0.050**
GEOM MEAN				**4.6**	**432**	**715**	**3.43**	**123.8**	**134**	**8.12**	**7.8**	**0.024**	
MINIMUM				**3.0**	**44**	**68**	**0.51**	**81.00**	**95**	**7.40**	**6.90**	**0.010**	**0.050**
STD DEV (GEOM *)				**2.8**	**320**	**519**	**38.46**	**90.3**	**25**	**0.54**	**0.5**	**0.084**	
# SAMPLES (IN STATISTICS)				**2**	**9**	**9**	**7**	**9**	**7**	**9**	**9**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 27 1100		.3	1	0.006
81 09 28 1455		.3	1	0.005
81 12 02 1430		.3	1	0.007
81 12 21 1550		.3	1	0.007
MAXIMUM				**0.007**
ARITH MEAN				**0.006**
GEOM MEAN				**0.006**
MINIMUM				**0.005**
STD DEV (GEOM *)				**0.001**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **ETOBICOKE CREEK**
SAMPLE POINT: **AT HWY.10 1.2 MILES N-W OF SNELGROVE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ETOBICOKE CREEK**

STATION ID: **06-0080-004-02**
STORET CODE: **02 004 4110**

LAT: LONG: U T M: **17 0593400.0 4843950.0 4** REGION: **03** DISTANCE: **38.301**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N
81 03 11 1320	.3	1	1	37525	6	400C	3400	20I	50I	2 0	11 6	0 102	0 152
81 05 12 1445	.3	1	1	37541	8	79000	280000	3100	1840	10 5	11 40	0 421	0 134
81 06 30 1330	.3	1	1	37557		200A	29000	10A	10A	22 5	4 55	0 183	0 012
81 07 31 1330	.3	1	1	37573	8 5					21 1	8 70	0 110	0 004
81 08 27 0955	.3	1	1	37589	8	500A	31000	10A	20A	18 0	6 50	0 109	0 004
81 09 28 1335	.3	1	1	37605	8	2900	16000	430	170	13 0	10 00	0 068	0 056
81 12 02 1315	.3	1	1	37621	8	69000	180000	2400	8300	1 8	11 10	0 248	0 550
MAXIMUM						**79000**	**280000**	**3100**	**8300**	**22.5**	**11.6**	**0.421**	**0.550**
ARITH MEAN						**25333**	**89900**	**995**	**1732**	**12.7**	**9.1**	**0.177**	**0.130**
GEOM MEAN						**2930**	**36753**	**136**	**172**	**8.8**	**8.7**	**0.148**	**0.038**
MINIMUM						**200**	**3400**	**10**	**10**	**1.8**	**4.55**	**0.068**	**0.004**
STD DEV (GEOM *)						**14***	**5***	**15***	**14***	**8.5**	**2.7**	**0.123**	**0.195**
# SAMPLES (IN STATISTICS)						**6**	**6**	**6**	**6**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 03 11 1320	.3	1	1	12.00	640 0	4 70		188 0	7 91	6 9	1 000<	0 660	0 001<
81 05 12 1445	.3	1	1	81	860	35 00	49 5	183	7 93	6 80	1 <T	2 50	0 001<
81 06 30 1330	.3	1	1	28	1140	5 50	35 5	197	7 93	7 30	1 <T	1 50	0 002
81 07 31 1330	.3	1	1	13 6	1120	0 90	62 0	203	7 66	7 30	1 <T	0 68	0 001
81 08 27 0955	.3	1	1	21 1	850	0 76	40 5	219	7 80	7 60	1 <T	0 77	0 001<
81 09 28 1335	.3	1	1	5 8	1040	2 10	45 0	250	8 04	7 40	1 <T	0 35	0 001<
81 12 02 1315	.3	1	1	19 6	670	15 70	113 0	194	7 51	7 91	1	1 04	0 001<
MAXIMUM				**81**	**1140**	**35.00**	**113.0**	**250**	**8.04**	**7.91**	**1**	**2.50**	**0.002**
ARITH MEAN				**25**	**902**	**9.24**	**57.6**	**204**	**7.83**	**7.3**	**1 <A**	**1.07**	**0.001**
GEOM MEAN				**18**	**882**	**4.13**	**53.1**	**203**	**7.82**	**7.3**	**1 <A**	**0.89**	**0.001**
MINIMUM				**5.8**	**640.0**	**0.76**	**35.5**	**183**	**7.51**	**6.80**	**1**	**0.35**	**0.001**
STD DEV (GEOM *)				**25**	**204**	**12.47**	**28.6**	**23**	**0.18**	**0.3**	**0 <A**	**0.72**	**0.001**
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**6**	**7**	**7**	**7**	**6**	**7**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	P3245T 2,4,5-T NG/L
81 03 11 1320	.3	1	1	0 002 <	0 026	0 003<	0 0002<	0 004	0 002<		20<W	
81 05 12 1445	.3	1	1	0 002 <	0 009	0 003<	0 0002<	0 007		0 010<	20<W	50 000<W
81 06 30 1330	.3	1	1	0 0070	0 010	0 003<	0 0002<	0 009		0 010<		50 <W
81 07 31 1330	.3	1	1	0 0030	0 015	0 009	0 0005	0 008		0 010<	20<W	50 <W
81 08 27 0955	.3	1	1	0 0050	0 011	0 003<	0 0001<	0 004		0 010<	20<W	50 <W
81 09 28 1335	.3	1	1	0 0030	0 008	0 004	0 0002	0 003		0 010<	20<W	50 <W
81 12 02 1315	.3	1	1	0 0040	0 020	0 003<	0 0001<	0 010		0 005<T	20<W	50 <W
MAXIMUM				**0.0070**	**0.026**	**0.009**	**0.0005**	**0.010**		**0.005**		**50.000**
ARITH MEAN				**0.0044**	**0.014**	**0.006**	**0.0003**	**0.006**		**0.005<A**		**50 <A**
GEOM MEAN				**0.0042**	**0.013**	**0.006**	**0.0003**	**0.006**				**50 <A**
MINIMUM				**0.0030**	**0.008**	**0.004**	**0.0002**	**0.003**		**0.005**		**50.000**
STD DEV (GEOM *)				**0.0017**	**0.007**	**0.004**	**0.0002**	**0.003**				**0 <A**
# SAMPLES (IN STATISTICS)				**5**	**7**	**2**	**2**	**7**		**1**		**6**

B.O.W./ SITE: **MIMICO CREEK**
SAMPLE POINT: **HIGHWAY 2 MIMICO**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MIMICO CREEK**

STATION ID: **06-0082-001-02**
STORET CODE: **02 004 4090**

LAT: LONG: U T M: **17 0622450.0 4830800.0 4** REGION: **03** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 06 1320	.3	1	1	37513	4 9 0	3400C	91000	10I	1000	1 0		1 1	0 154
81 03 11 1450	.3	1	1	37529	6	88000	90000	40I	300	4 5	11 6	2 9	0 428
81 05 12 1640	.3	1	1	37545	8	86000	280000	1660	2200	11 0	11 20	2 6	0 288
81 07 31 1455	.3	1	1	37577	8					25 5	9 10	1 2	0 082
81 08 27 1120	.3	1	1	37593	8	5700	17000	1500	4700	20 0	7 50	2 8	0 095
81 09 28 1500	3	1	1	37609	8	43000	67000	200A	4500	15 3	13 40	0 4	0 240
81 12 02 1440	.3	1	1	37625	8	20000	39000	1680	2300	5 5	11 60	1 0	0 102
81 12 21 1615	3	1	1	37641	9 0	1900	7900	30A	200A	2 2	11 40	1 2	0 156
MAXIMUM						**88000**	**280000**	**1680**	**4700**	**25.5**	**13.40**	**2.9**	**0.428**
ARITH MEAN						**35429**	**84557**	**731**	**2171**	**10.6**	**10.8**	**1.6**	**0.193**
GEOM MEAN						**15743**	**50212**	**193**	**1304**	**6.8**	**10.6**	**1.4**	**0.166**
MINIMUM						**1900**	**7900**	**10**	**200**	**1.0**	**7.50**	**0.4**	**0.082**
STD DEV (GEOM *)						**5***	**3***	**9***	**4***	**8.9**	**1.9**	**1.0**	**0.119**
# SAMPLES (IN STATISTICS)						**7**	**7**	**7**	**7**	**8**	**7**	**8**	**8**

(CONTD)

B.O.W / SITE: **MIMICO CREEK**
SAMPLE POINT: **HIGHWAY 2 MIMICO**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MIMICO CREEK**

STATION ID: **06-0082-001-02**
STORET CODE: **02 004 4090**

LAT: LONG: U T M: **17 0622450.0 4830800.0 4** REGION: **03** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 02 06 1320		.3	1	0.074	0.222	0.800	0.040	0.510		0.772	0.578	1.350	993.0
81 03 11 1450		.3	1	0.230	0.150	0.750	0.068	1.430		1.648	0.600	2.248	1090.0
81 05 12 1640		.3	1	0.190	0.074	0.79	0.033	1.020	1.050	1.127	0.716	1.843	621
81 07 31 1455		.3	1	0.050	0.016	0.68	0.065	0.245	0.310	0.326	0.664	0.990	541
81 08 27 1120		.3	1	0.064	0.004	0.62	0.001<T	0.365	0.365	0.370	0.616	0.986	590
81 09 28 1500		.3	1		0.130	0.80	0.040	0.620	0.660	0.790	0.670	1.460	532
81 12 02 1440		.3	1	0.036	0.046	0.75	0.070	1.080	1.150	1.196	0.704	1.900	486
81 12 21 1615		.3	1	0.088	0.096	0.54	0.076	1.120	1.200	1.292	0.444	1.736	817
MAXIMUM				**0.230**	**0.222**	**0.80**	**0.076**	**1.430**	**1.200**	**1.648**	**0.716**	**2.248**	**1090.0**
ARITH MEAN				**0.105**	**0.092**	**0.71**	**0.049<A**	**0.799**	**0.789**	**0.940**	**0.624**	**1.564**	**708**
GEOM MEAN				**0.085**	**0.056**	**0.71**	**0.032<A**	**0.687**	**0.690**	**0.823**	**0.618**	**1.505**	**679**
MINIMUM				**0.036**	**0.004**	**0.54**	**0.001**	**0.245**	**0.310**	**0.326**	**0.444**	**0.986**	**486**
STD DEV (GEOM *)				**0.075**	**0.073**	**0.09**	**0.025<A**	**0.421**	**0.398**	**0.460**	**0.088**	**0.449**	**229**
# SAMPLES (IN STATISTICS)				7	8	8	8	8	6	8	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 02 06 1320		.3	1	9.0		1650.0	3.20	392.000		7.62	7.6		
81 03 11 1450		.3	1	8.0		1850.0	3.50	387.000		8.22	7.7		
81 05 12 1640		.3	1		576	920	27.00	169.00	144	8.14	6.50		
81 07 31 1455		.3	1		540	880	0.98	148	153	7.90	7.80		
81 08 27 1120		.3	1	11.6		1020	0.68	185.00	160	8.18	7.80	1<T	0.12
81 09 28 1500		.3	1	2.2		900	0.66	146.00	164	8.62	8.20	1	0.10
81 12 02 1440		.3	1	23.7		810	12.10	119.00	173	7.91	8.20	2	1.38
81 12 21 1615		.3	1	14.5		1330	10.30	235.00	217	8.58	8.16	1<T	0.76
MAXIMUM				**23.7**	**576**	**1850.0**	**27.00**	**392.000**	**217**	**8.62**	**8.20**	**2**	**1.38**
ARITH MEAN				**11.5**	**558**	**1170**	**7.30**	**222**	**168**	**8.15**	**7.7**	**1<A**	**0.59**
GEOM MEAN				**9.3**	**558**	**1118**	**3.37**	**202**	**167**	**8.14**	**7.7**	**1<A**	**0.33**
MINIMUM				**2.2**	**540**	**810**	**0.66**	**119.00**	**144**	**7.62**	**6.50**	**1**	**0.10**
STD DEV (GEOM *)				7.3	**25**	**394**	**9.10**	**108**	**26**	**0.34**	**0.5**	**0<A**	**0.61**
# SAMPLES (IN STATISTICS)				6	2	8	8	8	6	8	8	4	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				ASUT	CRUT	CUUT	PBUT	CDUT	ZNUT	NIUT
81 05 12 1640		.3	1	0.001<	0.032	0.011	0.009	0.0003	0.030	0.034
81 08 27 1120		.3	1			0.018	0.003<		0.018	
81 09 28 1500		.3	1			0.012	0.003<		0.008	
81 12 02 1440		.3	1			0.021	0.022		0.110	
81 12 21 1615		.3	1			0.018	0.015		0.028	
MAXIMUM					**0.032**	**0.021**	**0.022**	**0.0003**	**0.110**	**0.034**
ARITH MEAN					**0.032**	**0.016**	**0.015**	**0.0003**	**0.039**	**0.034**
GEOM MEAN						**0.016**	**0.014**		**0.027**	
MINIMUM					**0.032**	**0.011**	**0.009**	**0.0003**	**0.008**	**0.034**
STD DEV (GEOM *)						**0.004**	**0.007**		**0.041**	
# SAMPLES (IN STATISTICS)					1	5	3	1	5	1

B.O.W./ SITE: **MIMICO CREEK**
SAMPLE POINT: **RICHVIEW SIDE ROAD ETOBICOKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC033**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MIMICO CREEK**

STATION ID: **06-0082-002-02**
STORET CODE: **02 004 4090**

LAT: LONG: U T M: **17 0615300.0 4836325.0 4** REGION: **03** DISTANCE: **10.460**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5
81 03 11 1525		.3	1	37531	6.0		2900	14000	401	490	3.5	11.4	
81 05 12 1700		.3	1	37547	8	0.874	15000	68000	980	1500>	10.0	12.10	2.4
81 06 30 1545		.3	1	37563	5.8		1900A	43000	20A	20A	22.5		0.6
81 07 31 1530		.3	1	37579	8						26.0	12.00	0.6
81 08 27 1155		.3	1	37595	8		2900A	140000	360	420	19.0	11.00	3.8
81 09 28 1530		.3	1	37611	8	0.273	1800	3300	160A	180A	14.0	16.00	0.2<T
81 12 02 1515		.3	1	37627	8	0.762	42000	90000	640	1500>	4.6	11.10	1.0
MAXIMUM						**0.874**	**42000**	**140000**	**980**	**490**	**26.0**	**16.00**	**3.8**
ARITH MEAN						**0.636**	**11083**	**59717**	**367**	**277**	**14.2**	**12.2**	**1.4<A**
GEOM MEAN						**0.567**	**5125**	**34554**	**175**	**165**	**11.4**	**12.1**	**0.9<A**
MINIMUM						**0.273**	**1800**	**3300**	**20**	**20**	**3.5**	**11.00**	**0.2**
STD DEV (GEOM *)						**0.320**	**4***	**4***	**5***	**4***	**8.7**	**1.8**	**1.4<A**
# SAMPLES (IN STATISTICS)						3	6	6	6	4	7	6	6

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 03 11 1525		.3	1	0.092	0.005	0.270	1.120	0.095	1.750		2.115	0.850	2.965
81 05 12 1700		.3	1	0.096	0.019	0.062	0.79	0.097	1.250	1.350	1.409	0.728	2.137
81 06 30 1545		.3	1	0.033	0.013	0.100	0.45	0.075	0.555	0.630	0.730	0.350	1.080
81 07 31 1530		.3	1	0.050	0.019	0.004	0.62	0.014	0.675	0.690	0.693	0.616	1.309
81 08 27 1155		.3	1	0.072	0.026	0.004	0.85	0.003	1.550	1.550	1.557	0.846	2.403
81 09 28 1530		.3	1	0.065	0.022	0.146	0.55	0.062	0.660	0.720	0.868	0.404	1.272
81 12 02 1515		.3	1	0.152	0.021	0.054	0.78	0.030	1.020	1.050	1.104	0.726	1.830
MAXIMUM				**0.152**	**0.026**	**0.270**	**1.120**	**0.097**	**1.750**	**1.550**	**2.115**	**0.850**	**2.965**
ARITH MEAN				**0.080**	**0.018**	**0.091**	**0.73**	**0.054**	**1.066**	**0.998**	**1.211**	**0.646**	**1.857**
GEOM MEAN				**0.072**	**0.016**	**0.041**	**0.70**	**0.034**	**0.978**	**0.939**	**1.123**	**0.615**	**1.749**
MINIMUM				**0.033**	**0.005**	**0.004**	**0.45**	**0.003**	**0.555**	**0.630**	**0.693**	**0.350**	**1.080**
STD DEV (GEOM *)				**0.039**	**0.007**	**0.094**	**0.22**	**0.038**	**0.468**	**0.384**	**0.517**	**0.201**	**0.689**
# SAMPLES (IN STATISTICS)				7	7	7	7	7	7	6	7	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 03 11 1525		.3	1	1080.0	8.0	1072.0	1850.0		389.000		7.83	7.5	
81 05 12 1700		.3	1	613		589	940	14.00	166.00	145	8.21	7.00	
81 06 30 1545		.3	1	687		684	1140	1.30	237.00	104	8.66	14.40	
81 07 31 1530		.3	1	534		528	880	0.77	155	148	8.45	8.00	
81 08 27 1155		.3	1	556		544	920	1.10	150.00	116	8.11	8.40	0.012
81 09 28 1530		.3	1	482		479	780	2.40	120.00	153	8.78	8.40	0.010
81 12 02 1515		.3	1	458		409	740	42.00	102.00	166	7.95	7.84	0.017
MAXIMUM				**1080.0**	**8.0**	**1072.0**	**1850.0**	**42.00**	**389.000**	**166**	**8.78**	**14.40**	**0.017**
ARITH MEAN				**630**	**8.0**	**615**	**1035**	**10.26**	**188**	**139**	**8.28**	**8.7**	**0.013**
GEOM MEAN				**605**		**588**	**989**	**3.40**	**171**	**137**	**8.28**	**8.5**	**0.013**
MINIMUM				**458**	**8.0**	**409**	**740**	**0.77**	**102.00**	**104**	**7.83**	**7.00**	**0.010**
STD DEV (GEOM *)				**213**		**219**	**381**	**16.36**	**98**	**24**	**0.36**	**2.5**	**0.004**
# SAMPLES (IN STATISTICS)				7	1	7	7	6	7	6	7	7	3

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 27 1155		.3	1	0.008	0.009
81 09 28 1530		.3	1	0.008	0.015
81 12 02 1515		.3	1	0.030	0.100
MAXIMUM				**0.030**	**0.100**
ARITH MEAN				**0.015**	**0.041**
GEOM MEAN				**0.012**	**0.024**
MINIMUM				**0.008**	**0.009**
STD DEV (GEOM *)				**0.013**	**0.051**
# SAMPLES (IN STATISTICS)				**3**	**3**

B.O.W./ SITE: **HUMBER RIVER**
SAMPLE POINT: **LAKESHORE ROAD TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-001-02**
STORET CODE: **02 004 4000**

LAT: LONG: U.T.M: **17 0623150.0 4832025.0 4** REGION: **03**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 19 1400		.3	1	31093	6	97.000			790	8000	1.0	12.3	
81 03 05 1400		.3	1	31012	6	5.200			1120	610	1.0	13.3	
81 03 13 1215		.3	1	31016	6	4.180			3800	2300	3.0	13.4	
81 03 19 1500		.3	1	31020	6	2.920			730	620	0.9	13.50	1.4
81 03 27 1400		.3	1	31079	6	3.340	1200	2700	100A	100A	7.8	13.40	0.8
81 04 01 1045		.3	1	31081	6	9.000			120	170	10.0	10.90	
81 04 10 1405		.3	1	31086	6 8	3.290	3500	14000	70A	50A	12.4	10.20	
81 04 14 1410		.3	1	31090	6 8	7.470			2900	720	9.0	10.20	
81 04 24 1215		.3	1	31094	6 8	3.720	6800	21000	300	350	11.5	9.60	
81 05 07 1430		.3	1	31155	6 8	2.560			310	70A	14.8	9.20	
81 06 10 1130		.3	1	31216	6 8	2.790	29000	130000	650	1160	18.8	8.60	
81 07 08 1444		.3	1	31278	0 6 8	6.020	3700A	39000	570	140	21.5	5.80	
81 08 07 1141		.3	1	31338	6 8	2.710	18000	150000	500	220	22.0	7.90	
81 09 10 1210		.3	1	3139	8	3.820	15000	120000	1400	390	16.8	9.80	1.2
81 10 16 1352		.3	1	31461	8	2.700	70000	180000	1700	690	11.0	11.80	
81 11 12 1123		.3	1	31523	8	3.030	990	1800	110	100	4.5	13.30	
81 12 04 1118		.3	1	31583	8	6.850	1800	22000	400	450	2.0	15.30	2.4
MAXIMUM						**97.000**	**70000**	**180000**	**3800**	**8000**	**22.0**	**15.30**	**2.4**
ARITH MEAN						**9.800**	**14999**	**68050**	**916**	**949**	**9.9**	**11.0**	**1.4**
GEOM MEAN						**4.829**	**6330**	**29600**	**510**	**370**	**6.5**	**10.8**	**1.3**
MINIMUM						**2.560**	**990**	**1800**	**70**	**50**	**0.9**	**5.80**	**0.8**
STD DEV (GEOM *)						**22.553**	**4***	**5***	**3***	**4***	**7.2**	**2.4**	**0.7**
# SAMPLES (IN STATISTICS)						17	10	10	17	17	17	17	4

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **HUMBER RIVER**
SAMPLE POINT: **LAKESHORE ROAD TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-001-02**
STORET CODE: **02 004 4080**

LAT: LONG: U T M: **17 0623150.0 4832025.0 4** REGION: **03**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 02 19 1400		.3	1	0.865	0.085		2.350	0.053	1.300				3.703
81 03 05 1400		.3	1	0.062	0.019		0.600	0.036	1.310				1.946
81 03 13 1215		.3	1	0.078	0.038		0.620	0.035	1.060				1.715
81 03 19 1500		.3	1	0.058	0.032	0.210	0.60	0.037	0.895	0.930	1.142	0.390	1.532
81 03 27 1400		.3	1	0.062	0.025	0.102	0.48	0.024	0.665	0.690	0.791	0.378	1.169
81 04 01 1045		.3	1	0.090	0.021		0.60	0.063	0.635	0.710			1.298
81 04 10 1405		.3	1	0.065	0.017	0.082	0.63	0.010	0.285	0.285	0.377	0.548	0.925
81 04 14 1410		.3	1	0.103			0.49	0.004	0.300	0.360			0.794
81 04 24 1215		.3	1	0.076	0.010	0.096	0.53	0.018	0.135	0.155	0.249	0.434	0.683
81 05 07 1430		.3	1	0.069	0.013		0.67	0.045	0.295	0.340			1.010
81 06 10 1130		.3	1	0.150	0.027		1.05	0.230	0.320	0.550			1.600
81 07 08 1444		.3	1	0.135	0.048								
81 08 07 1141		.3	1	0.120	0.043		0.40	0.001	0.920	0.920			1.321
81 09 10 1210		.3	1	0.110	0.028	0.054	0.78			0.845		0.726	1.625
81 10 16 1352		.3	1	0.090	0.019	0.036	0.60	0.001	0.595	0.595	0.632	0.564	1.196
81 11 12 1123		.3	1	0.050	0.003	0.006	0.48	0.050	0.530	0.580	0.586	0.474	1.060
81 12 04 1118		.3	1	0.082	0.002	0.062	0.82	0.021	1.280	1.300	1.363	0.758	2.121
	MAXIMUM			**0.865**	**0.085**	**0.210**	**2.350**	**0.230**	**1.310**	**1.300**	**1.363**	**0.758**	**3.703**
	ARITH MEAN			**0.133**	**0.027**	**0.081**	**0.73**	**0.042**	**0.702**	**0.635**	**0.734**	**0.534**	**1.481**
	GEOM MEAN			**0.096**	**0.019**	**0.058**	**0.66**	**0.020**	**0.579**	**0.555**	**0.638**	**0.518**	**1.368**
	MINIMUM			**0.050**	**0.002**	**0.006**	**0.40**	**0.001**	**0.135**	**0.155**	**0.249**	**0.378**	**0.683**
	STD DEV (GEOM *)			**0.191**	**0.020**	**0.061**	**0.45**	**0.056**	**0.404**	**0.315**	**0.400**	**0.145**	**0.717**
	# SAMPLES (IN STATISTICS)			**17**	**16**	**8**	**16**	**15**	**15**	**13**	**7**	**8**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 02 19 1400		.3	1		590.00	205.000	315.0			115.0	7.49	7.8	
81 03 05 1400		.3	1		16.00	478.00	780.0			222.0	8.25	8.0	
81 03 13 1215		.3	1		14.00	518.00	800.0			232.0	8.25		
81 03 19 1500		.3	1	522	7	515	860	5.20	108.00	242	8.25	8.00	
81 03 27 1400		.3	1	485	7	478	820	4.80	109.00	221	8.33	7.90	2
81 04 01 1045		.3	1		31	435				212	8.22	7.50	
81 04 10 1405		.3	1		22	432	720			187	8.43	8.00	
81 04 14 1410		.3	1		69	423				197	8.53	8.20	
81 04 24 1215		.3	1		30	417	700			182	8.29	8.20	
81 05 07 1430		.3	1		22	386				160	7.92	8.50	
81 06 10 1130		.3	1		53	395				174	7.94	8.00	
81 07 08 1444		.3	1		56	300				151	8.24	8.10	
81 08 07 1141		.3	1		41.8	333				153	7.98	8.35	
81 09 10 1210		.3	1	520	44.2	476	682	52.00	70.00	230	8.28	8.15	
81 10 16 1352		.3	1	440	35.0	405	620	9.30	78.00	185	8.07	7.95	1
81 11 12 1123		.3	1	461	20.9	440	720	13.90	79.00	223	8.30	8.35	1<T
81 12 04 1118		.3	1	543	8.0	535	720	14.30	68.00	226	8.43	8.40	1<T
	MAXIMUM			**543**	**590.00**	**535**	**860**	**52.00**	**109.00**	**242**	**8.53**	**8.50**	**2**
	ARITH MEAN			**496**	**82**	**421**	**703**	**16.58**	**85.33**	**194**	**8.19**	**8.0**	**1<A**
	GEOM MEAN			**494**	**28**	**412**	**683**	**11.57**	**83.78**	**191**	**8.18**	**8.0**	**1<A**
	MINIMUM			**440**	**7**	**205.000**	**315.0**	**4.80**	**68.00**	**115.0**	**7.49**	**7.50**	**1**
	STD DEV (GEOM *)			**40**	**137**	**83**	**145**	**17.82**	**18.46**	**35**	**0.25**	**0.2**	**0<A**
	# SAMPLES (IN STATISTICS)			**6**	**17**	**17**	**11**	**6**	**6**	**17**	**17**	**16**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 02 19 1400		.3	1		0.005	0.100	0.035	0.029	0.043	0.002	0.120	46
81 03 05 1400		.3	1		0.001<	1.470	0.007	0.004	0.003<	0.0005	0.014	20<W
81 03 13 1215		.3	1		0.001<	0.040<	0.020	0.011	0.003<	0.0002<	0.043	20<W
81 03 19 1500		.3	1	0.43	0.001<	0.04	0.020	0.007	0.030	0.0010	0.023	20<W
81 03 27 1400		.3	1	0.46	0.001<	0.05	0.010	0.001	0.001<W	0.0002<	0.020	
81 04 01 1045		.3	1		0.001	0.06	0.008	0.007	0.004	0.0002<	0.016	20<W
81 04 10 1405		.3	1		0.001<	0.06	0.002 <	0.005	0.008	0.0005	0.016	20<W
81 04 14 1410		.3	1		0.001<		0.010	0.009	0.010	0.0004	0.030	20<W
81 04 24 1215		.3	1		0.001<		0.007	0.007	0.015	0.0006	0.022	20<W
81 05 07 1430		.3	1		0.001<		0.130	0.001	0.010	0.0002<	0.016	
81 06 10 1130		.3	1		0.001<	0.06 <	0.0100	0.009	0.030	0.0004	0.033	20<W
81 07 08 1444		.3	1		0.001		0.0050	0.006	0.010	0.0002	0.011	20<W
81 08 07 1141		.3	1		0.001<	0.15	0.0110	0.007	0.010	0.0009	0.021	20<W
81 09 10 1210		.3	1	1.66	0.001<		0.0040	0.007	0.004	0.0001<	0.002	20<W
81 10 16 1352		.3	1	1.40	0.001<	0.04	0.0100	0.013	0.018	0.0006	0.037	20
81 11 12 1123		.3	1	0.84	0.001<	0.08 <	0.0080	0.013	0.003<	0.0002	0.010	20<W
81 12 04 1118		.3	1	0.84	0.001<	0.03 <	0.0150	0.011	0.006	0.0001<	0.014	20<W
	MAXIMUM			**1.66**	**0.005**	**1.470**	**0.130**	**0.029**	**0.043**	**0.002**	**0.120**	
	ARITH MEAN			**0.94**	**0.002**	**0.24**	**0.019**	**0.009**	**0.014<A**	**0.000**	**0.028**	
	GEOM MEAN			**0.83**	**0.002**	**0.09**	**0.012**	**0.007**	**0.010<A**	**0.000**	**0.019**	
	MINIMUM			**0.43**	**0.001**	**0.04**	**0.0040**	**0.001**	**0.001**	**0.0002**	**0.002**	
	STD DEV (GEOM *)			**0.50**	**0.002**	**0.49**	**0.030**	**0.006**	**0.012<A**	**0.000**	**0.026**	
	# SAMPLES (IN STATISTICS)			**6**	**3**	**8**	**16**	**17**	**14**	**11**	**17**	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **HUMBER RIVER WEST**
SAMPLE POINT: **CLAIREVILLE DAM OUTLET CLAIREVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC034**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-002-02**
STORET CODE: **02 004 4060**

LAT: LONG: U T M: **17 0610550.0 4843275.0 4** REGION: **03** DISTANCE: **23.818**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 06 1210		.3	1	37510	4	0.070	100	1800	10<	1500>	1.0		
81 03 11 1350		.3	1	37526	6	0.496	640C	6500	10<	20<	2.5	12.4	
81 05 12 1515		.3	1	37542	8	2.290	280	2200	10A	20A	12.0	10.80	1.4
81 06 30 1405		.3	1	37558	8	0.008	1300	16000	40A	100	23.0	6.90	2.0
81 07 31 1355		.3	1	37574	5 8	0.028					25.0	12.60	1.4
81 08 27 1025		.3	1	37590	8	0.000	1800A	44000	40A	920	19.0	5.90	3.2
81 09 28 1405		.3	1	37606	8	0.140	1100	4300	40A	140A	14.0	12.40	0.8
81 12 02 1355		.3	1	37622	8	1.330	110000A	220000	460	780	1.9	12.60	1.0
81 12 21 1500		.3	1	37638	8	0.132	200A	3800	10<	100A	0.8	11.60	0.2<T
MAXIMUM						**2.290**	**110000**	**220000**	**460**	**920**	**25.0**	**12.60**	**3.2**
ARITH MEAN						**0.562**	**14427**	**37325**	**118**	**343**	**11.0**	**10.6**	**1.4<A**
GEOM MEAN						**0.160**	**1002**	**9478**	**49**	**165**	**5.8**	**10.2**	**1.1<A**
MINIMUM						**0.008**	**100**	**1800**	**10**	**20**	**0.8**	**5.90**	**0.2**
STD DEV (GEOM *)						**0.826**	**9***	**5***	**4***	**4***	**9.8**	**2.7**	**1.0<A**
# SAMPLES (IN STATISTICS)						**8**	**8**	**8**	**5**	**6**	**9**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 06 1210		.3	1	0.031		0.158							
81 03 11 1350		.3	1	0.060		0.116							
81 05 12 1515		.3	1	0.080	0.015	0.068	0.68	0.052	0.005<T	0.055	0.125	0.612	0.737
81 06 30 1405		.3	1	0.060	0.019	0.016	0.88	0.020	0.390	0.410	0.426	0.864	1.290
81 07 31 1355		.3	1	0.090	0.024	0.004	1.22	0.004	0.560	0.565	0.568	1.216	1.784
81 08 27 1025		.3	1	0.282		0.002	0.90					0.898	
81 09 28 1405		.3	1	0.082		0.068	1.00					0.932	
81 12 02 1355		.3	1	0.172		0.054	0.95					0.896	
81 12 21 1500		.3	1	0.099		0.006	0.62					0.614	
MAXIMUM				**0.282**	**0.024**	**0.158**	**1.22**	**0.052**	**0.560**	**0.565**	**0.568**	**1.216**	**1.784**
ARITH MEAN				**0.106**	**0.019**	**0.055**	**0.89**	**0.025**	**0.318<A**	**0.343**	**0.373**	**0.862**	**1.270**
GEOM MEAN				**0.088**	**0.019**	**0.025**	**0.87**	**0.016**	**0.103<A**	**0.234**	**0.312**	**0.840**	**1.193**
MINIMUM				**0.031**	**0.015**	**0.002**	**0.62**	**0.004**	**0.005**	**0.055**	**0.125**	**0.612**	**0.737**
STD DEV (GEOM *)				**0.076**	**0.005**	**0.055**	**0.20**	**0.024**	**0.284<A**	**0.261**	**0.226**	**0.207**	**0.524**
# SAMPLES (IN STATISTICS)				**9**	**3**	**9**	**7**	**3**	**3**	**3**	**3**	**7**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RST*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 02 06 1210		.3	1			780.0				7.76	7.3		
81 03 11 1350		.3	1			640.0				8.01	7.0		
81 05 12 1515		.3	1	483	447	700	20.00	73.00	203	8.32	7.00		
81 06 30 1405		.3	1	441	424	700	2.00	86.00	176	8.03	7.30		
81 07 31 1355		.3	1	419	394	620	1.58	74.0	183	7.97	8.00		
81 08 27 1025		.3	1			700	2.70	85.00	181	7.62	7.20	1<T	1.34
81 09 28 1405		.3	1			620	16.40	68.00	181	8.43	7.90	1<T	1.30
81 12 02 1355		.3	1			610	41.00	48.00	187	7.95	8.18	1<T	2.60
81 12 21 1500		.3	1			790	19.60	60.00	240	8.39	7.64	1<T	0.92
MAXIMUM				**483**	**447**	**790**	**41.00**	**86.00**	**240**	**8.43**	**8.18**	**1**	**2.60**
ARITH MEAN				**448**	**422**	**684**	**14.75**	**70.5**	**193**	**8.05**	**7.5**	**1<A**	**1.54**
GEOM MEAN				**447**	**421**	**681**	**8.08**	**69.3**	**192**	**8.05**	**7.4**	**1<A**	**1.43**
MINIMUM				**419**	**394**	**610**	**1.58**	**48.00**	**176**	**7.62**	**7.0**	**1**	**0.92**
STD DEV (GEOM *)				**33**	**27**	**67**	**14.28**	**13.4**	**22**	**0.28**	**0.4**	**0<A**	**0.73**
# SAMPLES (IN STATISTICS)				**3**	**3**	**9**	**7**	**7**	**7**	**9**	**9**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 27 1025		.3	1	0.002	0.160	0.007	0.011	0.0040
81 09 28 1405		.3	1	0.001<	0.006	0.003<	0.004	0.0040
81 12 02 1355		.3	1	0.001<	0.012	0.003<	0.012	0.0040
81 12 21 1500		.3	1	0.001<	0.083	0.003<	0.007	0.0040
MAXIMUM				**0.002**	**0.160**	**0.007**	**0.012**	**0.0040**
ARITH MEAN				**0.002**	**0.065**	**0.007**	**0.008**	**0.0040**
GEOM MEAN					**0.031**		**0.008**	**0.0040**
MINIMUM				**0.002**	**0.006**	**0.007**	**0.004**	**0.0040**
STD DEV (GEOM *)					**0.072**		**0.004**	**0.0000**
# SAMPLES (IN STATISTICS)				**1**	**4**	**1**	**4**	**4**

B.O.W./ SITE: **HUMBER RIVER**
SAMPLE POINT: **HIGHWAY 7 WOODBRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-003-02**
STORET CODE: **02 004 4080**

LAT: LONG: U T M: **17 0613350.0 4848200.0 4** REGION: **03** DISTANCE: **26.714**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 05 1445		.3	1	37506	4	270	1700	30I	20I	0.5	13.1	0.2	0.022
81 03 11 1210		.3	1	37522	6	180I	1660	20I	10I	2.5	12.7	0.4	0.040
81 05 12 1330		.3	1	37538	8	13000	69000	1960	2720	9.5	11.20	3.0	0.477
81 06 30 1230		.3	1	37554	8	700A	150000	400	80A	22.0	8.20	0.6	0.035
81 07 31 1225		.3	1	37570	8					21.0	9.70	0.2	0.060
81 08 26 1315		.3	1	37586	8	1000	27000	50A	60A	21.0	8.70	1.0	0.040
81 09 28 1340		.3	1	37602	8	1200	4700	20A	10<	13.0	13.20	0.2<T	0.028
81 12 02 1205		.3	1	37618	8	2200	4500	90A	50A	2.3	13.40	2.0	0.052
81 12 21 1335		.3	1	37634	8	220	2400	60A	10A	0.0	13.10	0.2<T	0.089
MAXIMUM						**13000**	**150000**	**1960**	**2720**	**22.0**	**13.40**	**3.0**	**0.477**
ARITH MEAN						**2346**	**32620**	**329**	**421**	**11.5**	**11.4**	**0.9<A**	**0.094**
GEOM MEAN						**844**	**8919**	**84**	**54**	**6.6**	**11.2**	**0.5<A**	**0.055**
MINIMUM						**180**	**1660**	**20**	**10**	**0.5**	**8.20**	**0.2**	**0.022**
STD DEV (GEOM *)						**4***	**6***	**5***	**7***	**9.1**	**2.1**	**1.0<A**	**0.145**
# SAMPLES (IN STATISTICS)						**8**	**8**	**8**	**7**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 05 1445		.3	1	0.007	0.074	0.150	0.011	0.910		0.995	0.076	1.071	435.0
81 03 11 1210		.3	1	0.011	0.044	0.400	0.032	0.823		0.899	0.356	1.255	393.0
81 05 12 1330		.3	1	0.190	0.006	1.18	0.070	1.180	1.250	1.256	1.174	2.430	655
81 06 30 1230		.3	1	0.008	0.006	0.40	0.001	0.140	0.140	0.147	0.394	0.541	295
81 07 31 1225		.3	1	0.011	0.002	0.52	0.002	0.240	0.240	0.244	0.518	0.762	329
81 08 26 1315		.3	1		0.002<T	0.40					0.398		
81 09 28 1340		.3	1		0.036	0.30					0.264		
81 12 02 1205		.3	1		0.026	0.42					0.394		
81 12 21 1335		.3	1		0.006	0.39					0.384		
MAXIMUM				**0.190**	**0.074**	**1.18**	**0.070**	**1.180**	**1.250**	**1.256**	**1.174**	**2.430**	**655**
ARITH MEAN				**0.045**	**0.022<A**	**0.46**	**0.023**	**0.659**	**0.543**	**0.708**	**0.440**	**1.212**	**421**
GEOM MEAN				**0.017**	**0.011<A**	**0.40**	**0.009**	**0.495**	**0.348**	**0.526**	**0.361**	**1.061**	**404**
MINIMUM				**0.007**	**0.002**	**0.150**	**0.001**	**0.140**	**0.140**	**0.147**	**0.076**	**0.541**	**295**
STD DEV (GEOM *)				**0.081**	**0.025<A**	**0.28**	**0.029**	**0.449**	**0.614**	**0.487**	**0.301**	**0.735**	**141**
# SAMPLES (IN STATISTICS)				**5**	**9**	**9**	**5**	**5**	**3**	**5**	**9**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 02 05 1445		.3	1	15.0	420.0	640.0		38.500		8.11	8.1		
81 03 11 1210		.3	1	23.0	370.0	600.0		34.500		8.28	7.4		
81 05 12 1330		.3	1		365	540	95.00	38.50	201	7.91	6.30		
81 06 30 1230		.3	1		284	500	3.70	30.00	200	8.46	7.80		
81 07 31 1225		.3	1		294	500	1.80	24.50	192	8.40	7.80		
81 08 26 1315		.3	1			500	2.80	28.00	196	8.36	7.80		0.80
81 09 28 1340		.3	1			500	1.41	27.50	215	8.35	8.00	1<T	0.27
81 12 02 1205		.3	1			630	8.30	41.00	246	8.39	8.25	1<T	0.57
81 12 21 1335		.3	1			660	12.90	33.50	261	8.38	7.98		0.67
MAXIMUM				**23.0**	**420.0**	**660**	**95.00**	**41.00**	**261**	**8.46**	**8.25**	**1**	**0.80**
ARITH MEAN				**19.0**	**346**	**563**	**17.99**	**32.88**	**216**	**8.29**	**7.7**	**1<A**	**0.58**
GEOM MEAN				**18.6**	**342**	**559**	**5.96**	**32.43**	**214**	**8.29**	**7.6**	**1<A**	**0.54**
MINIMUM				**15.0**	**284**	**500**	**1.41**	**24.50**	**192**	**7.91**	**6.30**	**1**	**0.27**
STD DEV (GEOM *)				**5.7**	**56**	**68**	**34.21**	**5.73**	**27**	**0.17**	**0.5**	**0<A**	**0.23**
# SAMPLES (IN STATISTICS)				**2**	**5**	**9**	**7**	**9**	**7**	**9**	**9**	**2**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 08 26 1315		.3	1	0.001<	0.140	0.003<	0.004	0.0030
81 09 28 1340		.3	1	0.001<	0.005	0.003<	0.002	0.0020
81 12 02 1205		.3	1	0.001<	0.025	0.003<	0.008	0.0030
81 12 21 1335		.3	1	0.001<	0.012	0.003<	0.005	0.0020<
MAXIMUM					**0.140**		**0.008**	**0.0030**
ARITH MEAN					**0.045**		**0.005**	**0.0027**
GEOM MEAN					**0.021**		**0.004**	**0.0026**
MINIMUM					**0.005**		**0.002**	**0.0020**
STD DEV (GEOM *)					**0.064**		**0.002**	**0.0006**
# SAMPLES (IN STATISTICS)					**4**		**4**	**3**

B.O.W./ SITE: **HUMBER RIVER EAST**
SAMPLE POINT: **AT BRIDGE PINE GROVE ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-004-02**
STORET CODE: **02 004 4080**

LAT: LONG: U T M: **17 0614150.0 4850225.0 4** REGION: **03** DISTANCE: **28.163**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 02 05 1500		.3	1	37507	6	0.300	80I	320	10I	10I	1.0	13.6	
81 03 11 1220		.3	1	37523	6	1.220	230C	3800	10<	10I	3.0	12.4	
81 05 12 1340		.3	1	37539	8	5.050	17000	85000	1490	1020	9.5	10.90	2.4
81 06 30 1240		.3	1	37555	8	0.263	400A	11100	70A	100	22.0	7.10	0.4
81 07 31 1240		.3	1	37571	8	0.459					21.0	9.00	0.4
81 08 26 1355		.3	1	37587	8	0.294	200A	19000	20A	140	21.0	8.40	0.8
81 09 28 1250		.3	1	37603	8	0.372	140A	4000	10A	50A	13.0	12.00	0.2<T
81 12 02 1220		.3	1	37619	8	1.610	3100	5900	30A	60A	2.3	13.30	1.6
81 12 21 1355		.3	1	37635	8	0.902	110	1400	10A	10<	0.0	12.80	
MAXIMUM						**5.050**	**17000**	**85000**	**1490**	**1020**	**22.0**	**13.6**	**2.4**
ARITH MEAN						**1.163**	**2657**	**16315**	**234**	**199**	**11.6**	**11.0**	**1.0<A**
GEOM MEAN						**0.690**	**431**	**5397**	**35**	**64**	**7.3**	**10.8**	**0.7<A**
MINIMUM						**0.263**	**80**	**320**	**10**	**10**	**1.0**	**7.10**	**0.2**
STD DEV (GEOM *)						**1.533**	**6***	**5***	**6***	**5***	**9.0**	**2.3**	**0.9<A**
# SAMPLES (IN STATISTICS)						**9**	**8**	**8**	**7**	**7**	**8**	**9**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 02 05 1500		.3	1	0.007		0.046							
81 03 11 1220		.3	1	0.031		0.020							
81 05 12 1340		.3	1	0.400	0.105	0.010	1.15	0.068	0.710	0.780	0.788	1.140	1.928
81 06 30 1240		.3	1	0.013	0.001	0.004	0.35	0.043	0.040	0.085	0.087	0.346	0.433
81 07 31 1240		.3	1	0.075	0.050	0.004	0.40	0.050	0.310	0.360	0.364	0.396	0.760
81 08 26 1355		.3	1	0.043		0.008	0.28					0.272	
81 09 28 1250		.3	1	0.132		0.020	0.29					0.270	
81 12 02 1220		.3	1	0.048		0.014	0.43					0.416	
81 12 21 1355		.3	1	0.010		0.016	0.30					0.284	
MAXIMUM				**0.400**	**0.105**	**0.046**	**1.15**	**0.068**	**0.710**	**0.780**	**0.788**	**1.140**	**1.928**
ARITH MEAN				**0.084**	**0.052**	**0.016**	**0.46**	**0.054**	**0.353**	**0.408**	**0.413**	**0.446**	**1.040**
GEOM MEAN				**0.039**	**0.017**	**0.012**	**0.40**	**0.053**	**0.206**	**0.288**	**0.292**	**0.389**	**0.859**
MINIMUM				**0.007**	**0.001**	**0.004**	**0.28**	**0.043**	**0.040**	**0.085**	**0.087**	**0.270**	**0.433**
STD DEV (GEOM *)				**0.125**	**0.052**	**0.013**	**0.31**	**0.013**	**0.337**	**0.350**	**0.353**	**0.312**	**0.786**
# SAMPLES (IN STATISTICS)				**9**	**3**	**9**	**7**	**3**	**3**	**3**	**3**	**7**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 02 05 1500		.3	1			780.0				8.09	8.2		
81 03 11 1220		.3	1			680.0				8.24	7.4		
81 05 12 1340		.3	1	610	398	620	90.00	61.00	217	8.40	6.90		
81 06 30 1240		.3	1	371	365	600	1.80	43.50	220	8.33	7.65		
81 07 31 1240		.3	1	354	346	580	1.50	46.00	209	8.38	7.70		
81 08 26 1355		.3	1			580	1.00	38.50	225	8.23	7.70	1<T	0.28
81 09 28 1250		.3	1			620	2.40	43.50	243	8.27	7.80	1<T	0.23
81 12 02 1220		.3	1			640	6.30	50.00	237	8.24	8.34	1<T	0.27
81 12 21 1355		.3	1			740	4.30	51.50	229	8.17	7.89		0.30
MAXIMUM				**610**	**398**	**780.0**	**90.00**	**61.00**	**243**	**8.40**	**8.34**	**1**	**0.30**
ARITH MEAN				**446**	**370**	**648**	**16.33**	**47.71**	**226**	**8.26**	**7.7**	**1<A**	**0.27**
GEOM MEAN				**431**	**369**	**645**	**3.98**	**47.26**	**225**	**8.26**	**7.7**	**1<A**	**0.27**
MINIMUM				**354**	**346**	**580**	**1.00**	**38.50**	**209**	**8.09**	**6.90**	**1**	**0.23**
STD DEV (GEOM *)				**143**	**26**	**70**	**32.98**	**7.30**	**12**	**0.10**	**0.4**	**0<A**	**0.03**
# SAMPLES (IN STATISTICS)				**3**	**3**	**9**	**7**	**7**	**7**	**9**	**9**	**3**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 08 26 1355		.3	1	0.001<	0.011	0.012	0.006	0.0010
81 09 28 1250		.3	1	0.001<	0.008	0.003<	0.002	0.0020
81 12 02 1220		.3	1	0.001<	0.014	0.005	0.006	0.0030
81 12 21 1355		.3	1	0.001<	0.053	0.003<	0.002	0.0020<
MAXIMUM					**0.053**	**0.012**	**0.006**	**0.0030**
ARITH MEAN					**0.021**	**0.008**	**0.004**	**0.0020**
GEOM MEAN					**0.016**	**0.008**	**0.003**	**0.0018**
MINIMUM					**0.008**	**0.005**	**0.002**	**0.0010**
STD DEV (GEOM *)					**0.021**	**0.005**	**0.002**	**0.0010**
# SAMPLES (IN STATISTICS)					**4**	**2**	**4**	**3**

B.O.W. / SITE: **HUMBER RIVER**
SAMPLE POINT: **YORK PEEL COUNTY LINE BOLTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC025**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-005-02**
STORET CODE: **02 004 4080**

LAT: LONG: U.T.M: **17 0603010.0 4859850.0 4** REGION: **03** DISTANCE: **52.463**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 05 1530		.3	1	37508	4	1.010	30I	330	10<	10<	1.0	15.0	0.2
81 03 11 1245		.3	1	37524	6	2.440	570	2000	10I	10I	2.5	12.5	0.5
81 05 12 1400		.3	1	37540	8	8.850	4200	30000>	450	600	9.5	11.0	2.2
81 06 30 1305		.3	1	37556	8	1.010	1100	27000	80A	150	22.5	6.80	1.4
81 07 31 1300		.3	1	37572	8	1.800					20.5	9.40	0.6
81 08 26 1500		.3	1	37588		0.792	700A	13000	40A	150	21.0	8.50	1.0
81 09 28 1310		.3	1	37604	8	1.580	460	4400	10<	120	12.5	13.20	0.2<T
81 12 02 1250		.3	1	37620	8	3.180	2000	6000	70A	220	2.6	12.80	1.8
81 12 21 1420		.3	1	37636	8	4.100	190	2400	10A	40A	0.1	12.20	0.2<T
MAXIMUM						**8.850**	**4200**	**27000**	**450**	**600**	**22.5**	**15.0**	**2.2**
ARITH MEAN						**2.751**	**1156**	**7876**	**110**	**184**	**10.2**	**11.2**	**0.9<A**
GEOM MEAN						**2.053**	**560**	**3938**	**46**	**105**	**4.5**	**10.9**	**0.6<A**
MINIMUM						**0.792**	**30**	**330**	**10**	**10**	**0.1**	**6.80**	**0.2**
STD DEV (GEOM *)						**2.537**	**5***	**4***	**4***	**4***	**9.2**	**2.5**	**0.7<A**
# SAMPLES (IN STATISTICS)						**9**	**8**	**7**	**6**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 05 1530		.3	1	0.008	0.004	0.890	0.120	0.087	0.143		1.120	0.770	0.350
81 03 11 1245		.3	1	0.044	0.016	0.046	0.340	0.110	0.990		1.146	0.294	1.440
81 05 12 1400		.3	1	0.160	0.020	0.004	0.88	0.063	0.860	0.925	0.927	0.876	1.803
81 06 30 1305		.3	1	0.025	0.008	0.004	0.40	0.002	0.775	0.775	0.781	0.396	1.177
81 07 31 1300		.3	1	0.045	0.011	0.004	0.55	0.002	0.605	0.605	0.611	0.546	1.157
81 08 26 1500		.3	1	0.030	0.015	0.002	0.33	0.001	0.690	0.690	0.693	0.328	1.021
81 09 28 1310		.3	1	0.027	0.007	0.020	0.45	0.039	0.870	0.910	0.929	0.430	1.359
81 12 02 1250		.3	1	0.025	0.011	0.028	0.40	0.013	0.830	0.845	0.871	0.372	1.243
81 12 21 1420		.3	1	0.022	0.010	0.004	0.30	0.023	1.430	1.450	1.457	0.296	1.753
MAXIMUM				**0.160**	**0.020**	**0.890**	**0.88**	**0.110**	**1.430**	**1.450**	**1.457**	**0.876**	**1.803**
ARITH MEAN				**0.043**	**0.011**	**0.111**	**0.41**	**0.038**	**0.799**	**0.886**	**0.948**	**0.479**	**1.256**
GEOM MEAN				**0.031**	**0.010**	**0.013**	**0.37**	**0.014**	**0.701**	**0.855**	**0.918**	**0.444**	**1.158**
MINIMUM				**0.008**	**0.004**	**0.002**	**0.120**	**0.001**	**0.143**	**0.605**	**0.611**	**0.294**	**0.350**
STD DEV (GEOM *)				**0.045**	**0.005**	**0.292**	**0.20**	**0.040**	**0.340**	**0.274**	**0.260**	**0.212**	**0.431**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 02 05 1530		.3	1	341.0	4.0	337.0	540.0		9.500		8.23	8.3	
81 03 11 1245		.3	1	338.0	18.0	320.0	520.0		25.500		8.29	7.3	
81 05 12 1400		.3	1	440		317	490	39.00	21.50	193	8.40	6.70	
81 06 30 1305		.3	1	321		305	520	0.70	27.00	195	8.13	7.60	
81 07 31 1300		.3	1	309		294	480	1.86	23.00	186	8.28	7.70	
81 08 26 1500		.3	1	312		306	500	1.36	28.50	192	8.47	7.80	0.002
81 09 28 1310		.3	1	324		320	500	2.20	25.00	212	8.49	7.90	0.015
81 12 02 1250		.3	1	320		299	530	14.00	26.50	224	8.33	8.30	0.012
81 12 21 1420		.3	1	386		377	590	12.70	29.00	206	8.11	7.78	0.035
MAXIMUM				**440**	**18.0**	**377**	**590**	**39.00**	**29.00**	**224**	**8.49**	**8.30**	**0.035**
ARITH MEAN				**343**	**11.0**	**319**	**518**	**10.26**	**23.94**	**201**	**8.30**	**7.7**	**0.016**
GEOM MEAN				**341**	**8.5**	**318**	**518**	**4.30**	**22.95**	**201**	**8.30**	**7.6**	**0.011**
MINIMUM				**309**	**4.0**	**294**	**480**	**0.70**	**9.500**	**186**	**8.11**	**6.70**	**0.002**
STD DEV (GEOM *)				**43**	**9.9**	**25**	**33**	**13.86**	**5.92**	**13**	**0.14**	**0.4**	**0.014**
# SAMPLES (IN STATISTICS)				**9**	**2**	**9**	**9**	**7**	**9**	**7**	**9**	**9**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 08 26 1500		.3	1	0.003<	0.001<
81 09 28 1310		.3	1	0.003<	0.002
81 12 02 1250		.3	1	0.006	0.006
81 12 21 1420		.3	1	0.003<	0.003
MAXIMUM				**0.006**	**0.006**
ARITH MEAN				**0.006**	**0.004**
GEOM MEAN					**0.003**
MINIMUM				**0.006**	**0.002**
STD DEV (GEOM *)					**0.002**
# SAMPLES (IN STATISTICS)				**1**	**3**

B.O.W./ SITE: **BLACK CREEK**
SAMPLE POINT: **AT SCARLETT ROAD TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC027**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-012-02**
STORET CODE: **02 004 4080**

LAT: LONG: U T M: **17 0620450.0 4836650.0 4** REGION: **03** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 06 1450		.3	1	37514	6	0.270	52000C	900000	30I	1100	0.5		3.1
81 03 11 1510		.3	1	37530	6	0.332	5900	19000	890	900	4.5	11.8	2.0
81 05 12 1640		.3	1	37546	8	1.200	61000	240000	5100	1000	10.0	10.90	3.6
81 06 30 1515		.3	1	37562	8	0.276	126000A	440000	5000	1600	22.8	12.20	2.2
81 07 31 1510		.3	1	37578	8	0.342					25.0	9.10	1.2
81 08 26 1140		.3	1	37594	8	0.275	54000	131000	9500	310	19.0	8.40	3.8
81 09 28 1515		.3	1	37610	8	0.319	26000	17000	600A	200	16.0	13.10	0.6
81 12 02 1500		.3	1	37626	8	0.614	8800	15300	2300	1700	6.4	10.60	1.4
81 12 21 1640		.3	1	37642	8	0.262	73000A	230000	15000>	15000>	0.7	11.40	
MAXIMUM						**1.200**	**126000**	**900000**	**9500**	**1700**	**25.0**	**13.10**	**3.8**
ARITH MEAN						**0.432**	**50837**	**249037**	**3346**	**973**	**11.7**	**10.9**	**2.2**
GEOM MEAN						**0.374**	**34751**	**104436**	**1367**	**774**	**6.4**	**10.8**	**1.9**
MINIMUM						**0.262**	**5900**	**15300**	**30**	**200**	**0.5**	**8.40**	**0.6**
STD DEV (GEOM *)						**0.308**	**3***	**5***	**7***	**2***	**9.4**	**1.5**	**1.2**
# SAMPLES (IN STATISTICS)						**9**	**8**	**8**	**7**	**7**	**9**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 06 1450		.3	1	0.325	0.120	1.020	2.200	0.080	1.220		2.320	1.180	3.500
81 03 11 1510		.3	1	0.148	0.056	0.710	1.360	0.079	1.520		2.309	0.650	2.959
81 05 12 1640		.3	1	0.224	0.070	0.006	1.10	0.013	2.29	2.300	2.309	1.094	3.403
81 06 30 1515		.3	1	0.138	0.079	0.012	1.20	0.006	2.540	2.550	2.558	1.188	3.746
81 07 31 1510		.3	1	0.205	0.150	0.008	0.70	0.003	0.750	0.750	0.761	0.692	1.453
81 08 26 1140		.3	1	0.190	0.130	0.004	0.59	0.003	2.250	2.250	2.257	0.586	2.843
81 09 28 1515		.3	1	0.088	0.040	0.156	1.12	0.160	1.690	1.850	2.006	0.964	2.970
81 12 02 1500		.3	1	0.225	0.039	0.226	1.12	0.001	1.850	1.850	2.077	0.894	2.971
81 12 21 1640		.3	1	1.250	0.094	0.024	1.85	0.100	2.700	2.800	2.824	1.826	4.650
MAXIMUM				**1.250**	**0.150**	**1.020**	**2.200**	**0.160**	**2.700**	**2.800**	**2.824**	**1.826**	**4.650**
ARITH MEAN				**0.310**	**0.086**	**0.241**	**1.24**	**0.049**	**1.86**	**2.050**	**2.158**	**1.008**	**3.166**
GEOM MEAN				**0.224**	**0.078**	**0.048**	**1.15**	**0.016**	**1.75**	**1.916**	**2.050**	**0.951**	**3.043**
MINIMUM				**0.088**	**0.039**	**0.004**	**0.59**	**0.001**	**0.750**	**0.750**	**0.761**	**0.586**	**1.453**
STD DEV (GEOM *)				**0.359**	**0.040**	**0.371**	**0.50**	**0.058**	**0.64**	**0.669**	**0.577**	**0.381**	**0.856**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 02 06 1450		.3	1	1613.0	31.0	1582.0	2850.0		752.000		7.74	7.7	
81 03 11 1510		.3	1	1111.0	7.0	1104.0	1850.0		406.000		8.13	7.5	
81 05 12 1640		.3	1	790		726	1150	34.00	218.00	192	8.26	6.90	
81 06 30 1515		.3	1	877		867	1440	2.00	293.00	192	8.03	8.00	
81 07 31 1510		.3	1	734		728	1200	1.30	234.00	184	7.75	7.60	
81 08 26 1140		.3	1	792		779	1280	1.59	247.00	203	7.93	7.80	0.008
81 09 28 1515		.3	1	822		822	1400	1.50	285.00	228	8.50	8.00	0.011
81 12 02 1500		.3	1	649		645	1180	400.00	238.00	499	8.30	8.74	0.023
81 12 21 1640		.3	1	1713		1011	1800	400.00	371.00	331	7.60	7.80	0.045
MAXIMUM				**1713**	**31.0**	**1582.0**	**2850.0**	**400.00**	**752.000**	**499**	**8.50**	**8.74**	**0.045**
ARITH MEAN				**1011**	**19.0**	**918**	**1572**	**120.06**	**338.22**	**261**	**8.03**	**7.7**	**0.022**
GEOM MEAN				**954**	**14.7**	**885**	**1506**	**11.90**	**312.43**	**244**	**8.02**	**7.7**	**0.017**
MINIMUM				**649**	**7.0**	**645**	**1150**	**1.30**	**218.00**	**184**	**7.60**	**6.90**	**0.008**
STD DEV (GEOM *)				**391**	**17.0**	**287**	**543**	**191.60**	**167.86**	**117**	**0.30**	**0.4**	**0.017**
# SAMPLES (IN STATISTICS)				**9**	**2**	**9**	**9**	**7**	**9**	**7**	**9**	**9**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 08 26 1140		.3	1	0.003<	0.004
81 09 28 1515		.3	1	0.005	0.036
81 12 02 1500		.3	1	0.003<	0.068
81 12 21 1640		.3	1	0.043	0.130
MAXIMUM				**0.043**	**0.130**
ARITH MEAN				**0.024**	**0.059**
GEOM MEAN				**0.015**	**0.034**
MINIMUM				**0.005**	**0.004**
STD DEV (GEOM *)				**0.027**	**0.054**
# SAMPLES (IN STATISTICS)				**2**	**4**

B.O.W./ SITE: **HUMBER RIVER**
SAMPLE POINT: **ALBION HILL CONSERVATION AREA**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-018-02**
STORET CODE: **02 004 4080**

LAT: LONG: U T M: **17 0596075.0 4864100.0 4** REGION: **03** DISTANCE: **71.292**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*
81 01 29 0930		.3	1	32031	4	0.840	470		20I		0.0	12.0	0.026
81 02 12 0930		.3	1	32072	4	1.800	930C	14000	60I	200	0.0	12.2	0.180
81 03 24 0945		.3	1	32105	8	1.430	80A	1300	10<	10A	3.0	13.60	0.115
81 04 24 1000		.3	1	32176	8	1.610	340	1000	10A	10<	6.7	12.00	0.025
81 05 28 1500		.3	1	32233	8	0.914	500A	9000	50A	70A	15.9	8.50	0.023
81 06 25 1500		.3	1	32282	8	1.140	100<	2000	70A	50A	17.5	8.80	0.045
81 07 23 1000		.3	1	32306	8	0.695	230A	8100	64	76	17.8	8.90	0.032
81 08 13 1430		.3	1	32333	8	1.010	420A	8000	40A	100	22.0		0.038
81 10 01 1400		.3	1	32421	8		260A	4300	80A	140	8.3	8.90	0.028
81 10 20 1000		.3	1	32422	8		520A	4600	40A	20A	7.0	11.20	0.052
81 11 25 1500		.3	1	32499	8		240	1900	10A	20A	1.2	11.90	0.021
81 12 21 1348		.3	1	31650	4		150	1100	12	4<		14.60	0.020
MAXIMUM						**1.800**	**930**	**14000**	**80**	**200**	**22.0**	**14.60**	**0.180**
ARITH MEAN						**1.180**	**376**	**5027**	**41**	**76**	**11.0**	**11.1**	**0.050**
GEOM MEAN						**1.124**	**313**	**3470**	**32**	**52**	**8.1**	**10.9**	**0.038**
MINIMUM						**0.695**	**80**	**1000**	**10**	**10**	**1.2**	**8.50**	**0.020**
STD DEV (GEOM *)						**0.393**	**2***	**3***	**2***	**3***	**7.4**	**2.0**	**0.048**
# SAMPLES (IN STATISTICS)						**8**	**11**	**11**	**11**	**9**	**9**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*NNHTFR*	*RSP*	*COND25*	*TURB*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 29 0930		.3	1	0.066	9.00	520.0	2.70		224.0	8.07	7.8	1.000<	0.460
81 02 12 0930		.3	1	0.134		500.0	12.00		192.0	7.76	7.7		1.650
81 03 24 0945		.3	1	0.020	3	500	1.80	27.5	203	8.26	8.20	1 <T	0.16
81 04 24 1000		.3	1	0.028	2	470	1.20		202	8.42	8.10		0.15
81 05 28 1500		.3	1	0.002	5	470	1.20		201	8.56	8.20	1 <T	0.23
81 06 25 1500		.3	1	0.008	10	450	2.00		193	8.38	8.00	1 <T	0.44
81 07 23 1000		.3	1	0.002<T	3	460	2.30		202	8.39	7.90	1 <T	0.19
81 08 13 1430		.3	1	0.004	3.6	450	1.80	24.5	202	8.37	8.10		0.22
81 10 01 1400		.3	1	0.020	0.6	470	0.78	26.5	215	8.32	7.90	1 <T	0.12
81 10 20 1000		.3	1	0.080	4.0	480	0.93	25.0	219	8.41	7.70	1 <T	0.14
81 11 25 1500		.3	1	0.026	2.7	430	1.41	28.0	221	8.33	8.00	1 <T	0.23
81 12 21 1348		.3	1	0.006	5.6	540	1.59	31.0	242	8.59	8.15	1 <T	0.19
MAXIMUM				**0.134**	**10**	**540**	**12.00**	**31.0**	**242**	**8.59**	**8.20**	**1**	**1.650**
ARITH MEAN				**0.033<A**	**4**	**478**	**2.48**	**27.1**	**209**	**8.32**	**7.9**	**1 <A**	**0.34**
GEOM MEAN				**0.015<A**	**3**	**477**	**1.80**	**27.0**	**209**	**8.32**	**7.9**	**1 <A**	**0.24**
MINIMUM				**0.002**	**0.6**	**430**	**0.78**	**24.5**	**192.0**	**7.76**	**7.7**	**1**	**0.12**
STD DEV (GEOM *)				**0.040<A**	**2**	**31**	**3.05**	**2.4**	**14**	**0.22**	**0.1**	**0 <A**	**0.42**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**6**	**12**	**12**	**12**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L	PENTACHL PHENOL NG/L
TEST-NAME:				*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*	*CCNAUR*	*P1PCBT*	*X3PCPH*
81 01 29 0930		.3	1	0.001<	0.001 <	0.039	0.003<	0.0002<	0.012	0.003<	0.010<	20<W	
81 02 12 0930		.3	1	0.001<	0.002	0.005	0.002<	0.0002<	0.002	0.003<			50<W
81 03 24 0945		.3	1	0.001<	0.002 <	0.033	0.003<	0.0003	0.005		0.010<	20<W	
81 04 24 1000		.3	1	0.001<								20<W	
81 05 28 1500		.3	1	0.001<	0.002 <	0.012	0.020	0.0003	0.002		0.010<	20<W	
81 06 25 1500		.3	1	0.001<	0.0020<	0.017	0.020	0.0002<	0.002		0.010<	20<W	
81 07 23 1000		.3	1	0.001<	0.0030	0.028	0.004	0.0001	0.003		0.010<	20<W	
81 08 13 1430		.3	1	0.001<	0.0020<	0.002	0.003<	0.0002<	0.001<		0.010<	20<W	
81 10 01 1400		.3	1	0.001<	0.0030	0.008	0.010	0.0004	0.006			20<W	
81 10 20 1000		.3	1	0.001<	0.0030	0.024	0.008	0.0008	0.012		0.005<T	20<W	
81 11 25 1500		.3	1	0.001<	0.0050	0.009	0.004	0.0004	0.006		0.005<T	20<W	
81 12 21 1348		.3	1	0.001<	0.003	0.024	0.006	0.0003	0.003		0.005<T	20<W	
MAXIMUM					**0.0050**	**0.039**	**0.020**	**0.0008**	**0.012**		**0.005**		**50**
ARITH MEAN					**0.003**	**0.018**	**0.010**	**0.0004**	**0.005**		**0.005<A**		**50<A**
GEOM MEAN					**0.003**	**0.014**	**0.008**	**0.0003**	**0.004**		**0.005<A**		
MINIMUM					**0.002**	**0.002**	**0.004**	**0.0001**	**0.002**		**0.005**		**50**
STD DEV (GEOM *)					**0.001**	**0.012**	**0.007**	**0.0002**	**0.004**		**0.000<A**		
# SAMPLES (IN STATISTICS)					**6**	**11**	**7**	**7**	**10**		**3**		**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	2,4,5-T NG/L
TEST-NAME:				*P3245T*
81 02 12 0930		.3	1	50 <W
81 03 24 0945		.3	1	50.000<W
81 04 24 1000		.3	1	50.000<W
81 05 28 1500		.3	1	50 <W
81 06 25 1500		.3	1	100 <W
81 07 23 1000		.3	1	50 <W
81 08 13 1430		.3	1	50 <W
81 10 01 1400		.3	1	50 <W
81 10 20 1000		.3	1	50 <W
81 11 25 1500		.3	1	50 <W
81 12 21 1348		.3	1	50 <W
MAXIMUM				**100**
ARITH MEAN				**54 <A**
GEOM MEAN				**53 <A**
MINIMUM				**50**
STD DEV (GEOM *)				**15 <A**
# SAMPLES (IN STATISTICS)				**11**

B.O.W./ SITE: **HUMBER RIVER**
SAMPLE POINT: **AT OLD MILL ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HUMBER RIVER**

STATION ID: **06-0083-019-02**
STORET CODE: **02 004 4080**

LAT: LONG: U.T.M: **17 0621650.0 4834050.0 4** REGION: **03** DISTANCE: **5.633**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L
81 02 06 1430		.3	1	52501		4900	40	0.146	0.105		1.280		80.0
81 02 19 1520		.3	1	52503		1130	40I	0.820	0.115		1.080		6431.0
81 03 02 1220		.3	1	52505		200I	4	0.178	0.058		2.380		24.0
81 03 05 1200		.3	1	52507		2100	16	0.068	0.018		1.320		37.0
81 03 16 1500		.3	1	52509		10<	4<	0.188	0.078		2.410		9.0
81 03 23 1120		.3	1	52511		70I	4	0.032	0.015		0.887		12.0
81 04 01 1520		.3	1	52513		260	4	0.063	0.006		0.580		35.0
81 05 01 1530		.3	1	52515		10<	4<	0.025	0.043		0.043		10.0
81 05 14 1458		.3	1	52517	8	220	12	0.050	0.011	0.021	0.635	0.655	25
81 05 25 1145		.3	1	52519		90A	8	0.025	0.004		0.030		27
81 06 22 1100		.3	1	52521	3			0.440	0.185	0.004	0.955	0.960	208
81 07 14 1135		.3	1	52525		510	20A	0.067	0.009	0.001	0.369	0.370	31
81 07 20 1035		.3	1	52527		11000	540	0.880	0.110	0.011	3.440	3.450	550
81 08 10 1415		.3	1	52529		320	10A	0.058	0.008	0.003	0.155	0.160	24.0
81 08 17 1135		.3	1	52531	8	1380	90A	0.088	0.027	0.017	0.505	0.520	23.3
81 08 25 1015		.3	1	52533	8	52000	1500>	0.042	0.165	0.023	0.177	0.200	3.5
81 08 31 1155		.3	1	52535		4200	460	0.278	0.057	0.002	3.350	3.350	55.6
81 09 18 1025		.3	1	52537	8	101000	280	0.132	0.086	0.005	1.940	1.950	6.4
81 09 23 1440		.3	1	52539	8	32000	210	0.055	0.015	0.023	0.445	0.470	13.5
81 10 06 1125		.3	1	52541	8	22000	500	0.435	0.043	0.002	0.865	0.865	270.0
81 10 15 1440		.3	1	52543	8	32000	810	0.242	0.022	0.001<T	0.600	0.600	73.0
81 10 26 1330		.3	1	52545	8	2000	100A	0.080	0.022	0.020	0.735	0.755	46.0
81 11 05 1200		.3	1	52547	8	8300	60A	0.085					19.4
81 11 19 1100		.3	1	52549	8	4300	20A	0.170					30.2
81 11 24 1130		.3	1	52551		8300	90A	0.105	0.026	0.072	1.730	1.800	16.5
	MAXIMUM					**101000**	**810**	**0.880**	**0.185**	**0.072**	**3.440**	**3.450**	**6431.0**
	ARITH MEAN					**13104**	**158**	**0.190**	**0.053**	**0.015<A**	**1.127**	**1.150**	**322**
	GEOM MEAN					**2508**	**48**	**0.114**	**0.032**	**0.007<A**	**0.680**	**0.778**	**38**
	MINIMUM					**70**	**4**	**0.025**	**0.004**	**0.001**	**0.030**	**0.160**	**3.5**
	STD DEV (GEOM *)					**8***	**6***	**0.229**	**0.052**	**0.019<A**	**0.986**	**1.087**	**1278**
	# SAMPLES (IN STATISTICS)					**22**	**21**	**25**	**23**	**14**	**23**	**14**	**25**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	PCB TOTAL NG/L	PENTACHL PHENOL NG/L	2,4,5-T NG/L
81 02 06 1430		.3	1	1550.0	0.070<	0.007	0.003	0.0003			
81 02 19 1520		.3	1		0.080	0.038	0.054	0.001	28	50 <W	50 <W
81 03 02 1220		.3	1	1500.0	0.050<	0.010	0.020	0.0002<	20<W	50 <W	50 <W
81 03 05 1200		.3	1	760.0	0.050<	0.003	0.003<	0.0002<	20<W	50 <W	50 <W
81 03 16 1500		.3	1	1400.0	0.040<	0.009	0.003<	0.0005	20<W		
81 03 23 1120		.3	1	820.0	0.050<	0.013	0.004	0.0002<		50 <W	50 <W
81 04 01 1520		.3	1	720.0	0.040<	0.004	0.003<	0.0002<			
81 05 01 1530		.3	1	630.0		0.002	0.003<	0.0002<			
81 05 14 1458		.3	1		0.04 <	0.017	0.009	0.0002<	20<W	50.000	50.000<W
81 05 25 1145		.3	1		0.08 <	0.003	0.003<	0.0002<	20<W	50.000	50.000<W
81 06 22 1100		.3	1		0.04	0.014	0.056	0.0002<	490	400	50 <W
81 07 14 1135		.3	1		0.07 <	0.004	0.003<	0.0002<			
81 07 20 1035		.3	1			0.023	0.042	0.0005			
81 08 10 1415		.3	1		0.07 <	0.008	0.003<	0.0001<			
81 08 17 1135		.3	1		0.06 <	0.010	0.009	0.0001<			
81 08 25 1015		.3	1		0.03 <	0.008	0.003	0.0003			
81 08 31 1155		.3	1		0.06 <	0.006	0.006	0.0002<	20<W		
81 09 18 1025		.3	1		0.04 <	0.007	0.005	0.0001	20<W	50 <W	50 <W
81 09 23 1440		.3	1		0.04 <	0.006	0.006	0.0001			
81 10 06 1125		.3	1		0.06 <	0.040	0.140	0.0002	120<W		
81 10 15 1440		.3	1		0.04 <	0.024	0.036	0.0006			
81 10 26 1330		.3	1		0.08 <	0.014	0.022	0.0004			
81 11 05 1200		.3	1		0.03 <	0.019	0.008	0.0006			
81 11 19 1100		.3	1		0.08 <		0.005	0.0010<	20<W	50 <W	50 <W
81 11 24 1130		.3	1		0.06 <	0.017	0.003<	0.0001			
	MAXIMUM			**1550.0**	**0.080**	**0.040**	**0.140**	**0.001**		**400**	**50**
	ARITH MEAN			**1054.3**	**0.06**	**0.013**	**0.025**	**0.000**		**88 <A**	**50 <A**
	GEOM MEAN			**988.2**	**0.05**	**0.010**	**0.013**	**0.000**		**62 <A**	**50 <A**
	MINIMUM			**630.0**	**0.04**	**0.002**	**0.003**	**0.0001**		**50**	**50**
	STD DEV (GEOM *)			**407.7**	**0.02**	**0.010**	**0.035**	**0.000**		**116 <A**	**0 <A**
	# SAMPLES (IN STATISTICS)			**7**	**2**	**24**	**17**	**12**		**9**	**9**

B.O.W./ SITE: **DON RIVER**
SAMPLE POINT: **LAKESHORE ROAD TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-001-02**
STORET CODE: **02 004 4050**

LAT: LONG: U.T.M: **17 0633250.0 4834200.0 4** REGION: **03** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 02 19 1330		.3	1	31092	6	33.300			12100	10600	3.0	10.9	
81 03 05 1300		.3	1	31011	6	2.480			1800	73000	3.5	11.5	
81 03 12 1246		.3	1	31017	6	2.140			1400	2100	3.0	12.3	
81 03 19 1415		.3	1	31019	6	1.870			480	1020	2.0	11.90	17.0
81 03 27 1330		.3	1	31078	6	1.980	44000	28000	100A	500A	8.5	10.80	
81 04 01 1000		.3	1	31080	6	2.990			2100	1100	10.5	10.40	
81 04 10 1338		.3	1	31084	6 8 0	1.790	47000	220	600	240	13.0	13.80	
81 04 14 1325		.3	1	31091	6 9 0	13.300			119000	31000	8.9	10.00	
81 04 23 1400		.3	1	31095	6 8	3.580	1160000	2500000	98000	55000	11.0	9.60	
81 05 07 1330		.3	1	31154	6 8	1.950			6600	3600	12.2	11.80	
81 06 10 1030		.3	1	31215	6 9	5.350	4900001	200E+05	115000	41000	17.0	8.70	
81 07 08 1527		.3	1	31279	0 6 8	1.870	160000	1600000	2900	400A	20.8	5.55	

(CONTD)

B.O.W / SITE: **DON RIVER**
SAMPLE POINT: **LAKESHORE ROAD TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-001-02**
STORET CODE: **02 004 4050**

LAT LONG: U T M: **17 0633250.0 4834200.0 4** REGION: **03** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 08 07 1030		.3	1	31337	6 8	2 120	160000	1010000	4200	1000<	21 8	8 00	
81 09 10 1240		.3	1	31700	8	2 640	170000	580000	11000	1900	16 2	10 20	3 6
81 10 16 1300		.3	1	31460	8	2 290	250000	820000	12000	2300	11 5	10 90	1 8
81 11 12 1200		.3	1	31524	8	1 920	148000A	340000	20000	4200	6 2	10 80	9 6
81 12 04 1310		.3	1	31582	8	2 440	240000	370000	11500	3700	4 0	12 90	2 0
MAXIMUM						**33.300**	**4900001**	**200E+05**	**119000**	**73000**	**21.8**	**13.80**	**17.0**
ARITH MEAN						**4.942**	**727900**	**2724822**	**24634**	**14479**	**10.2**	**10.5**	**6.8**
GEOM MEAN						**3.074**	**232130**	**352689**	**5647**	**3745**	**8.2**	**10.3**	**4.6**
MINIMUM						**1.790**	**44000**	**220**	**100**	**240**	**2.0**	**5.55**	**1.8**
STD DEV (GEOM *)						**7.810**	**4***	**22***	**7***	**6***	**6.2**	**1.9**	**6.5**
# SAMPLES (IN STATISTICS)						**17**	**10**	**10**	**17**	**16**	**17**	**17**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 19 1330		.3	1	0 770	0 105		2 400	0 068	1 530				3 998
81 03 05 1300		.3	1	0 180	0 059		3 810	0 076	2 530				6 416
81 03 12 1246		.3	1	0 162	0 075		3 780	0 085	1 920				5 785
81 03 19 1415		.3	1	0 250	0 095	3 400	5 01	5 000	1 800	6 800	10 200	1 610	11 810
81 03 27 1330		.3	1	0 184	0 078	0 120	3 93	1 100	1 250	2 350	2 470	3 810	6 280
81 04 01 1000		.3	1	0 155	0 078		0 94	0 008	4 390	4 400			5 338
81 04 10 1338		.3	1	1 000		0 008	3 73	0 015	5 45	5 5	5 473	3 722	9 195
81 04 14 1325		.3	1	2 940	0 105		5 81	0 020	1 83	1 850			7 660
81 04 23 1400		.3	1	0 476			2 27	0 010	3 19	3 200			5 470
81 05 07 1330		.3	1	0 161	0 074		4 03	0 155	1 400	1 550			5 585
81 06 10 1030		.3	1	0 485	0 080		3 70	1 070	3 650	0 700			8 420
81 07 08 1527		.3	1	0 348	0 250		1 63	0 006	4 240	4 250			5 876
81 08 07 1030		.3	1	0 255	0 175		1 70	0 010	4 690	4 700			6 400
81 09 10 1240		.3	1	0 250	0 140	0 006	1 95	0 003	4 00	4 000	4 009	1 944	5 953
81 10 16 1300		.3	1	0 358	0 185	0 008	1 62	0 005	4 600	4 600	4 613	1 612	6 225
81 11 12 1200		.3	1	0 465	0 180	0 012	4 55	0 092	6 660	6 750	6 764	4 538	11 302
81 12 04 1310		.3	1	0 312		1 060	1 80	0 800	2 65	3 450	4 510	0 740	5 250
MAXIMUM				**2.940**	**0.250**	**3.400**	**5.81**	**5.000**	**6.660**	**6.800**	**10.200**	**4.538**	**11.810**
ARITH MEAN				**0.515**	**0.120**	**0.659**	**3.09**	**0.501**	**3.28**	**3.8**	**5.434**	**2.568**	**6.880**
GEOM MEAN				**0.353**	**0.109**	**0.057**	**2.77**	**0.057**	**2.91**	**3.3**	**4.997**	**2.188**	**6.611**
MINIMUM				**0.155**	**0.059**	**0.006**	**0.94**	**0.003**	**1.250**	**0.700**	**2.470**	**0.740**	**3.998**
STD DEV (GEOM *)				**0.666**	**0.057**	**1.269**	**1.40**	**1.219**	**1.59**	**1.8**	**2.478**	**1.433**	**2.143**
# SAMPLES (IN STATISTICS)				**17**	**14**	**7**	**17**	**17**	**17**	**14**	**7**	**7**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 02 19 1330		.3	1		572 00	386 00	640 0			123 0	7 44	7 7	
81 03 05 1300		.3	1		15 00	913 00	1550 0			255 0	7 99	7 7	
81 03 12 1246		.3	1		16 00	813 00	1320 0			245 0	8 16		
81 03 19 1415		.3	1	809	8	801	1340	7 00	236 00	254	7 89	7 40	
81 03 27 1330		.3	1	784	10	774	435	7 40	254 00	230	7 65	7 50	6
81 04 01 1000		.3	1		17	676				201	7 67	7 30	
81 04 10 1338		.3	1		7	698	1180			201	8 31	7 70	
81 04 14 1325		.3	1							231	7 66	8 50	
81 04 23 1400		.3	1		26	645	1080			179	7 66	7 40	
81 05 07 1330		.3	1		8	596				166	7 33	8 40	
81 06 10 1030		.3	1		89	434				185	7 43	7 90	
81 07 08 1527		.3	1		13	562				182	7 62	7 75	
81 08 07 1030		.3	1		18 1	523				164	7 26	8 10	
81 09 10 1240		.3	1	679	13 6	665	1010	6 00	159 00	213	7 44	7 80	
81 10 16 1300		.3	1	494	14 0	480	740	2 50	118 00	149	7 53	7 25	3
81 11 12 1200		.3	1	719	11 1	708	1120	5 80	176 00	270	7 74	7 75	11
81 12 04 1310		.3	1	610	7 3	603	1060	7 40	164 00	244	7 93	7 65	1
MAXIMUM				**809**	**572.00**	**913.00**	**1550.0**	**7.40**	**254.00**	**270**	**8.31**	**8.50**	**11**
ARITH MEAN				**682**	**52**	**642**	**1043**	**6.02**	**184.50**	**205**	**7.69**	**7.7**	**5**
GEOM MEAN				**673**	**17**	**626**	**986**	**5.67**	**178.61**	**201**	**7.68**	**7.7**	**4**
MINIMUM				**494**	**7**	**386.00**	**435**	**2.50**	**118.00**	**123.0**	**7.26**	**7.25**	**1**
STD DEV (GEOM *)				**117**	**139**	**144**	**327**	**1.86**	**51.08**	**42**	**0.29**	**0.3**	**4**
# SAMPLES (IN STATISTICS)				**6**	**16**	**16**	**11**	**6**	**6**	**17**	**17**	**16**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L
TEST-NAME:				*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*	*P1PCBT*
81 02 19 1330		.3	1		0 005	0 060	0 020	0 024	0 046	0 0007	0 110		20<W
81 03 05 1300		.3	1		0 001<	1 110	0 007	0 009	0 010	0 0004	0 042		20<W
81 03 12 1246		.3	1		0 001<	0 040<	0 022	0 005	0 020	0 0005	0 018		20<W
81 03 19 1415		.3	1	0 72	0 001<	0 05	0 005	0 013	0 020	0 0010	0 050		20<W
81 03 27 1330		.3	1	0 73	0 001<		0 010	0 012	0 007	0 0003	0 034		
81 04 01 1000		.3	1		0 001<	0 04	0 007	0 010	0 008	0 0003	0 031		20<W
81 04 10 1338		.3	1		0 001<	0 06	0 021	0 008	0 003	0 0003	0 021		20<W
81 04 14 1325		.3	1		0 004		0 022	0 140	0 120	0 0030	0 310		20<W
81 04 23 1400		.3	1		0 001<		0 014	0 021	0 042	0 0008	0 076		20
81 05 07 1330		.3	1		0 001<		0 006	0 003	0 004	0 0002<	0 024		20<W
81 06 10 1030		.3	1		0 001	0 18	0 0380	0 040	0 160	0 0020	0 140		135
81 07 08 1527		.3	1		0 001<		0 0190	0 011	0 008	0 0002<	0 019		20<W
81 08 07 1030		.3	1		0 001<	0 11	0 0180	0 008	0 012	0 0006	0 024		20<W

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ									
81 09 10 1240			.3	1	0.72	0.001<	0.14	0.0120	0.011	0.006	0.0001<	0.012	0.0040	20<W
81 10 16 1300			.3	1	0.84	0.001<	0.04 <	0.0090	0.013	0.015	0.0006	0.037		20<W
81 11 12 1200			.3	1	1.65	0.001<	0.08 <	0.0200	0.020	0.039	0.0006	0.023	0.0050	
81 12 04 1310			.3	1	0.86	0.001<	0.06	0.2700	0.045	0.008	0.0001<	0.039	0.0090	20<W
MAXIMUM					**1.65**	**0.005**	**1.110**	**0.2700**	**0.140**	**0.160**	**0.0030**	**0.310**	**0.0090**	
ARITH MEAN					**0.92**	**0.003**	**0.20**	**0.030**	**0.023**	**0.031**	**0.0009**	**0.059**	**0.0060**	
GEOM MEAN					**0.88**	**0.003**	**0.10**	**0.016**	**0.014**	**0.016**	**0.0007**	**0.039**	**0.0056**	
MINIMUM					**0.72**	**0.001**	**0.04**	**0.005**	**0.003**	**0.003**	**0.0003**	**0.012**	**0.0040**	
STD DEV (GEOM *)					**0.36**	**0.002**	**0.34**	**0.062**	**0.032**	**0.044**	**0.0008**	**0.073**	**0.0026**	
# SAMPLES (IN STATISTICS)					**6**	**3**	**9**	**17**	**17**	**17**	**13**	**17**	**3**	

B.O.W./ SITE: **DON RIVER WEST**
SAMPLE POINT: **SHEPPARD AVE TORONTO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-002-02**
STORET CODE: **02 004 4050**

LAT: LONG: U.T.M: **17 0626875.0 4845350.0 4** REGION: **03** DISTANCE: **22.208**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:					*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*
81 02 05 1300			.3	1	37502	4	0.203	150000>		11400		1.0	12.0	0.152
81 03 11 1045			.3	1	37518	6	0.395	1100	3600	80I	390	3.0	12.7	0.085
81 05 12 1140			.3	1	37534	8	3.480	27000	170000	2200	3000	11.8	10.80	0.368
81 06 30 1115			.3	1	37550	8	0.219	2300A	55000	480	370	20.0	7.70	0.163
81 07 31 1120			.3	1	37566	8	0.484					18.3	9.00	0.158
81 08 26 1205			.3	1	37582	8	0.247	2600A	39000	320	80A	20.0	10.60	0.055
81 09 28 1120			.3	1	37598	8	0.322	2900	16000	240	180A	13.0	15.70	0.085
81 12 02 1050			.3	1	37614	8	0.520	2200	6700	400	400	3.6	13.20	0.147
81 12 21 1200			.3	1	37630	4	0.300	3800	4700	330	450	0.0	13.60	0.124
MAXIMUM							**3.480**	**27000**	**170000**	**11400**	**3000**	**20.0**	**15.70**	**0.368**
ARITH MEAN							**0.686**	**5986**	**42143**	**1931**	**696**	**11.3**	**11.7**	**0.149**
GEOM MEAN							**0.415**	**3305**	**18200**	**561**	**379**	**7.7**	**11.4**	**0.130**
MINIMUM							**0.203**	**1100**	**3600**	**80**	**80**	**1.0**	**7.70**	**0.055**
STD DEV (GEOM *)							**1.054**	**3***	**4***	**5***	**3***	**7.9**	**2.4**	**0.091**
# SAMPLES (IN STATISTICS)							**9**	**7**	**7**	**8**	**7**	**8**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:					*NNHTFR*	*RSP*	*COND25*	*TURB*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 02 05 1300			.3	1	0.890	16.00	2650.0	7.40		241.0	7.72	8.0	6.000	0.940
81 03 11 1045			.3	1	0.300	9.00	1220.0	5.40		257.0	8.17	7.5	1.000<	0.620
81 05 12 1140			.3	1	0.130	215	680	82.00	43.5	160	7.74	6.50	1	5.75
81 06 30 1115			.3	1	0.006	4	1440	1.50	45	191	7.98	7.55	1 <T	0.35
81 07 31 1120			.3	1	0.002	13.7	560	1.86	44.5	126	7.74	6.90	1	0.74
81 08 26 1205			.3	1	0.006	10.9	720	0.64	48.5	175	8.27	7.30	1	0.20
81 09 28 1120			.3	1	0.004	6.5	710	1.54	45.0	179	8.27	7.60	1 <T	0.39
81 12 02 1050			.3	1	0.160	9.8	900	13.50	150.0	262	8.26	8.12	1 <T	0.65
81 12 21 1200			.3	1	0.006	4.9	1120	8.60	81.0	291	8.01	8.02		0.57
MAXIMUM					**0.890**	**215**	**2650.0**	**82.00**	**150.0**	**291**	**8.27**	**8.12**	**6.000**	**5.75**
ARITH MEAN					**0.167**	**32**	**1111**	**13.60**	**65**	**209**	**8.02**	**7.5**	**1 <A**	**1.13**
GEOM MEAN					**0.028**	**12**	**990**	**4.66**	**58**	**202**	**8.01**	**7.4**	**1 <A**	**0.66**
MINIMUM					**0.002**	**4**	**560**	**0.64**	**43.5**	**126**	**7.72**	**6.50**	**1**	**0.20**
STD DEV (GEOM *)					**0.290**	**68**	**645**	**26.00**	**39**	**55**	**0.24**	**0.5**	**1 <A**	**1.74**
# SAMPLES (IN STATISTICS)					**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**	**7**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET	BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L	2,4,5-T NG/L
TEST-NAME:					*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*	*CCNAUR*	*P1PCBT*	*P3245T*
81 02 05 1300			.3	1	0.001<	0.027	0.014	0.015	0.004	0.091	0.008			
81 03 11 1045			.3	1	0.001<	0.002 <	0.011	0.003	0.0002<	0.036	0.003		20<W	
81 05 12 1140			.3	1	0.001<	0.029	0.014	0.016	0.0006	0.071		0.010<	40	50.000<W
81 06 30 1115			.3	1	0.001<	0.0080	0.012	0.003<	0.0002<	0.009		0.010<	20<W 50	<W
81 07 31 1120			.3	1	0.001<	0.0110	0.070	0.013	0.0004	0.014		0.010<	20<W 50	<W
81 08 26 1205			.3	1	0.001<	0.0210	0.015	0.005	0.0001<	0.040		0.010<	20<W 50	<W
81 09 28 1120			.3	1	0.001<	0.0040	0.007	0.006	0.0001	0.008		0.010<	20<W 50	<W
81 12 02 1050			.3	1	0.001<	0.0100	0.045	0.008	0.0001<	0.022		0.005<T	20<W 50	<W
81 12 21 1200			.3	1	0.001<	0.0020	0.007	0.003<	0.0002	0.017		0.005<T	20<W 50	<W
MAXIMUM						**0.029**	**0.070**	**0.016**	**0.004**	**0.091**	**0.008**	**0.005**		**50.000**
ARITH MEAN						**0.014**	**0.022**	**0.009**	**0.001**	**0.034**	**0.005**	**0.005<A**		**50 <A**
GEOM MEAN						**0.010**	**0.016**	**0.008**	**0.000**	**0.025**	**0.005**	**0.005<A**		**50 <A**
MINIMUM						**0.0020**	**0.007**	**0.003**	**0.0001**	**0.008**	**0.003**	**0.005**		**50.000**
STD DEV (GEOM *)						**0.010**	**0.021**	**0.005**	**0.001**	**0.029**	**0.004**	**0.000<A**		**0 <A**
# SAMPLES (IN STATISTICS)						**8**	**9**	**7**	**5**	**9**	**2**	**2**		**7**

B.O.W./ SITE: **DON RIVER EAST**
SAMPLE POINT: **BAYVIEW AND STEELES AVE TORONTO**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-003-02**
STORET CODE: **02 004 4050**

LAT: LONG: U.T.M: **17 0629000.0 4850925.0 4** REGION: **03** DISTANCE: **27.680**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 05 1320		.3	1	37503	4	43000C	290000	5600	770	1.0	12.4		0.335
81 03 11 1110		.3	1	37519	6	89000	120000	2800	1000	3.5	11.8	7.1	0.605
81 05 12 1210		.3	1	37535	8	60000	150000	4500	3100	9.3	10.30	4.2	0.301
81 06 30 1135		.3	1	37551	5	210000	470000	4400	860	20.1	4.20	3.6	0.910
81 07 31 1140		.3	1	37567	8					18.3	7.10	1.4	0.645
81 08 26 1235		.3	1	37583	8	75000	90000	13000	4200	18.0	7.20	2.0	0.592
81 09 28 1155		.3	1	37599	8	150000	210000	23000	2800	13.5	11.40	8.8	0.730
81 12 02 1115		.3	1	37615	8	32000	108000	3400	1200	4.1	11.70	1.4	0.122
81 12 21 1225		.3	1	37631	4	23000	55000	190	2200	0.0	13.20	0.2<T	0.050
MAXIMUM						**210000**	**470000**	**23000**	**4200**	**20.1**	**13.20**	**8.8**	**0.910**
ARITH MEAN						**85250**	**186625**	**7111**	**2016**	**11.0**	**9.9**	**3.6<A**	**0.477**
GEOM MEAN						**66859**	**151357**	**3956**	**1681**	**7.7**	**9.3**	**2.3<A**	**0.357**
MINIMUM						**23000**	**55000**	**190**	**770**	**1.0**	**4.20**	**0.2**	**0.050**
STD DEV (GEOM *)						**2***	**2***	**4***	**2***	**7.5**	**3.0**	**3.0<A**	**0.289**
# SAMPLES (IN STATISTICS)						**8**	**8**	**8**	**8**	**8**	**9**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 05 1320		.3	1	0.066	0.244	4.100	0.072	5.930		6.246	3.856	10.102	600.0
81 03 11 1110		.3	1	0.110	1.590	2.500	0.340	1.910		3.840	0.910	4.750	555.0
81 05 12 1210		.3	1	0.135	0.004	0.99	0.008	3.440	3.450	3.452	0.986	4.438	532
81 06 30 1135		.3	1	0.600	0.006	0.90	0.002	5.75	5.750	5.758	0.894	6.652	542
81 07 31 1140		.3	1	0.460	0.002	0.70	0.001	3.950	3.950	3.953	0.698	4.651	552
81 08 26 1235		.3	1		0.006	0.52	0.002	4.950	4.500	4.958	0.514	5.472	501
81 09 28 1155		.3	1	0.460	0.004	1.50	0.009	4.590	4.600	4.603	1.496	6.099	453
81 12 02 1115		.3	1	0.030	0.026	0.48	0.042	1.310	1.350	1.378	0.454	1.832	476
81 12 21 1225		.3	1	0.019	0.008	0.23	0.031	1.020	1.050	1.059	0.222	1.281	503
MAXIMUM				**0.600**	**1.590**	**4.100**	**0.340**	**5.930**	**5.750**	**6.246**	**3.856**	**10.102**	**600.0**
ARITH MEAN				**0.235**	**0.210**	**1.32**	**0.056**	**3.65**	**3.521**	**3.916**	**1.114**	**5.031**	**523**
GEOM MEAN				**0.128**	**0.017**	**0.93**	**0.013**	**3.10**	**3.022**	**3.413**	**0.820**	**4.313**	**522**
MINIMUM				**0.019**	**0.002**	**0.23**	**0.001**	**1.020**	**1.050**	**1.059**	**0.222**	**1.281**	**453**
STD DEV (GEOM *)				**0.232**	**0.523**	**1.24**	**0.109**	**1.86**	**1.737**	**1.775**	**1.092**	**2.611**	**45**
# SAMPLES (IN STATISTICS)				**8**	**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 02 05 1320		.3	1	27.0	573.0	960.0		122.000		7.87	8.1		
81 03 11 1110		.3	1	11.0	544.0	900.0		101.000		7.98	7.4		
81 05 12 1210		.3	1		467	720	30.00	73.00	216	8.24	6.50		
81 06 30 1135		.3	1		515	700	5.30	92.00	213	7.71	7.20		
81 07 31 1140		.3	1		514	800	0.61	83.00	237	7.87	7.10		
81 08 26 1235		.3	1		487	740	1.05	81.00	209	7.93	7.20	0.008	0.003<
81 09 28 1155		.3	1		442	750	3.20	76.00	241	7.88	7.40	0.007	0.007
81 12 02 1115		.3	1		434	820	50.00	86.00	275	8.15	7.99	0.061	0.013
81 12 21 1225		.3	1		499	780	7.30	65.00	218	8.29	7.90	0.006	0.003<
MAXIMUM				**27.0**	**573.0**	**960.0**	**50.00**	**122.000**	**275**	**8.29**	**8.1**	**0.061**	**0.013**
ARITH MEAN				**19.0**	**497**	**796**	**13.92**	**86.55**	**230**	**7.99**	**7.4**	**0.020**	**0.010**
GEOM MEAN				**17.2**	**495**	**792**	**5.31**	**85.19**	**229**	**7.99**	**7.4**	**0.012**	**0.010**
MINIMUM				**11.0**	**434**	**700**	**0.61**	**65.00**	**209**	**7.71**	**6.50**	**0.006**	**0.007**
STD DEV (GEOM *)				**11.3**	**45**	**85**	**18.87**	**16.94**	**23**	**0.19**	**0.5**	**0.027**	**0.004**
# SAMPLES (IN STATISTICS)				**2**	**9**	**9**	**7**	**9**	**7**	**9**	**9**	**4**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 26 1235		.3	1	0.004
81 09 28 1155		.3	1	0.010
81 12 02 1115		.3	1	0.029
81 12 21 1225		.3	1	0.009
MAXIMUM				**0.029**
ARITH MEAN				**0.013**
GEOM MEAN				**0.010**
MINIMUM				**0.004**
STD DEV (GEOM *)				**0.011**
# SAMPLES (IN STATISTICS)				**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **DON RIVER WEST**
SAMPLE POINT: **HIGHWAY 7 WEST OF CONCORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-004-02**
STORET CODE: **02 004 4050**

LAT: LONG: U T M: **17 0622000.0 4850999.0 4** REGION: **03** DISTANCE: **31.864**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 02 05 1420		.3	1	37505	4	600I	3700	40I	740	1.0	15.0	0.9	0.185
81 03 11 1145		.3	1	37521	6	2400	10000	10I	10<	2.8	12.8	0.7	0.072
81 05 12 1250		.3	1	37537	8	49000	160000	1200	1220	9.0	10.60	2.2	0.168
81 06 30 1215		.3	1	37553	5	1400	23000	60A	120	21.3	8.70	2.2	0.135
81 07 31 1210		.3	1	37569	5 8					21.0	13.10	0.8	0.210
81 08 26 1330		.3	1	37585	8	1100	19000	270	230	21.0	11.40	1.0	0.362
81 09 28 1205		.3	1	37601	8	2900	40000	210	160	13.0	15.40	1.0	0.158
81 12 02 1150		.3	1	37617	8	13200A	23500	10300	7700	3.4	12.70	2.2	0.135
81 12 21 1310		.3	1	37633	4	700A	15000	120	50A	0.0	13.80	0.8	0.034
MAXIMUM						**49000**	**160000**	**10300**	**7700**	**21.3**	**15.40**	**2.2**	**0.362**
ARITH MEAN						**8912**	**36775**	**1526**	**1460**	**11.6**	**12.6**	**1.3**	**0.162**
GEOM MEAN						**2710**	**20905**	**194**	**396**	**7.5**	**12.4**	**1.2**	**0.137**
MINIMUM						**600**	**3700**	**10**	**50**	**1.0**	**8.70**	**0.7**	**0.034**
STD DEV (GEOM *)						**5***	**3***	**9***	**5***	**8.8**	**2.1**	**0.7**	**0.093**
# SAMPLES (IN STATISTICS)						**8**	**8**	**8**	**7**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 02 05 1420		.3	1	0.150	0.298	0.650	0.066	6.430		6.794	0.352	7.146	787.0
81 03 11 1145		.3	1	0.026	0.140	0.700	0.038	2.710		2.888	0.560	3.448	659.0
81 05 12 1250		.3	1	0.067	0.034	1.12	0.008	3.84	3.850	3.882	1.086	4.968	565
81 06 30 1215		.3	1	0.082	0.004	0.90	0.003	4.050	4.050	4.057	0.896	4.953	543
81 07 31 1210		.3	1	0.160	0.002	0.75	0.001	3.450	3.450	3.453	0.748	4.201	497
81 08 26 1330		.3	1		0.002	0.55					0.548		
81 09 28 1205		.3	1		0.070	0.62					0.550		
81 12 02 1150		.3	1		0.200	1.18					0.980		
81 12 21 1310		.3	1		0.032	0.42					0.388		
MAXIMUM				**0.160**	**0.298**	**1.18**	**0.066**	**6.430**	**4.050**	**6.794**	**1.086**	**7.146**	**787.0**
ARITH MEAN				**0.097**	**0.087**	**0.76**	**0.023**	**4.09**	**3.783**	**4.215**	**0.679**	**4.943**	**610**
GEOM MEAN				**0.081**	**0.028**	**0.72**	**0.009**	**3.92**	**3.775**	**4.033**	**0.634**	**4.800**	**602**
MINIMUM				**0.026**	**0.002**	**0.42**	**0.001**	**2.710**	**3.450**	**2.888**	**0.352**	**3.448**	**497**
STD DEV (GEOM *)				**0.057**	**0.105**	**0.25**	**0.028**	**1.40**	**0.306**	**1.511**	**0.262**	**1.382**	**115**
# SAMPLES (IN STATISTICS)				**5**	**9**	**9**	**5**	**5**	**3**	**5**	**9**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 02 05 1420		.3	1	8.0	779.0	1220.0		173.000		8.08	8.1		
81 03 11 1145		.3	1	13.0	646.0	1060.0		138.000		8.16	7.5		
81 05 12 1250		.3	1		522	800	23.00	108.00	185	8.26	6.50		
81 06 30 1215		.3	1		519	820	5.50	117.00	190	8.09	7.70		
81 07 31 1210		.3	1		491	760	1.30	98.00	199	8.12	7.90		
81 08 26 1330		.3	1			840	0.97	119.00	200	7.17	7.80	1<T	0.35
81 09 28 1205		.3	1			840	2.70	107.00	247	8.28	7.80	1<T	0.35
81 12 02 1150		.3	1			1080	16.50	168.00	270	8.02	7.99	2	0.92
81 12 21 1310		.3	1			1140	4.40	166.00	208	7.99	7.90		0.35
MAXIMUM				**13.0**	**779.0**	**1220.0**	**23.00**	**173.000**	**270**	**8.28**	**8.1**	**2**	**0.92**
ARITH MEAN				**10.5**	**591**	**951**	**7.77**	**132.66**	**214**	**8.02**	**7.6**	**1<A**	**0.49**
GEOM MEAN				**10.2**	**582**	**937**	**4.39**	**129.85**	**212**	**8.01**	**7.6**	**1<A**	**0.45**
MINIMUM				**8.0**	**491**	**760**	**0.97**	**98.00**	**185**	**7.17**	**6.50**	**1**	**0.35**
STD DEV (GEOM *)				**3.5**	**120**	**172**	**8.55**	**29.40**	**32**	**0.33**	**0.4**	**1<A**	**0.28**
# SAMPLES (IN STATISTICS)				**2**	**5**	**9**	**7**	**9**	**7**	**9**	**9**	**3**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 08 26 1330		.3	1	0.001<	0.011	0.003<	0.009	0.0050
81 09 28 1205		.3	1	0.001<	0.006	0.004	0.006	0.0030
81 12 02 1150		.3	1	0.001<	0.027	0.005	0.036	0.0050
81 12 21 1310		.3	1	0.001<	0.003	0.003<	0.011	0.0020<
MAXIMUM					**0.027**	**0.005**	**0.036**	**0.0050**
ARITH MEAN					**0.012**	**0.004**	**0.015**	**0.0043**
GEOM MEAN					**0.009**	**0.004**	**0.012**	**0.0042**
MINIMUM					**0.003**	**0.004**	**0.006**	**0.0030**
STD DEV (GEOM *)					**0.011**	**0.001**	**0.014**	**0.0012**
# SAMPLES (IN STATISTICS)					**4**	**2**	**4**	**3**

B.O.W./SITE: **GERMAN MILLS CREEK**
SAMPLE POINT: **16TH.AVE.DNSTR.FROM RICHMOND HILL STP**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HC101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-005-02**
STORET CODE: **02 004 4050**

LAT: LONG: U.T.M.: **17 0626325.0 4856625.0 4** REGION: **03** DISTANCE: **35.566**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 05 1345		.3	1	37504	6	53000	220000	1900	930	1.0	10.0	16.0	1.190
81 03 11 1130		.3	1	37520	6	28000	41000	420	360	7.0	9.8	6.2	0.540
81 05 12 1230		.3	1	37536	8	101E+05	110E+05	15000>	9300	10.5	8.70	16.4	0.842
81 06 30 1200		3	1	37552	8	25000	250000	390	200	18.0	5.70	9.0	1.080
81 07 31 1155		.3	1	37568	8					19.9	7.50	2.6	2.500
81 08 26 1250		.3	1	37584	8	3200A	28000	420	300	2.0	6.60	4.2	1.510
81 09 28 1150		.3	1	37600		3500000	7100001	110000	6500	15.0	9.40	24.0	1.520
81 12 02 1130		.3	1	37616	9	21000	33000	1800	1300	3.8	11.50	1.4	0.153
81 12 21 1250		.3	1	37632	4	50000	46000	1100	100A	0.0	13.60	1.2	0.088
MAXIMUM						**101E+05**	**110E+05**	**110000**	**9300**	**19.9**	**13.60**	**24.0**	**2.500**
ARITH MEAN						**1722525**	**2339750**	**16576**	**2374**	**9.6**	**9.2**	**9.0**	**1.047**
GEOM MEAN						**90264**	**228706**	**1613**	**794**	**6.5**	**8.9**	**5.7**	**0.709**
MINIMUM						**3200**	**28000**	**390**	**100**	**1.0**	**5.70**	**1.2**	**0.088**
STD DEV (GEOM *)						15*	11*	7*	5*	7.4	2.4	8.1	0.757
# SAMPLES (IN STATISTICS)						8	8	7	8	8	9	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 02 05 1345		.3	1	0.290	0.800	5.400	0.025	15.500		16.325	4.600	20.925	809.0
81 03 11 1130		.3	1	0.057	0.470	1.660	0.230	13.300		14.000	1.190	15.190	766.0
81 05 12 1230		.3	1	0.330	0.006	2.30	0.010	8.24	8.25	8.256	2.294	10.550	692
81 06 30 1200		.3	1	0.395	0.022	1.30	0.006	5.000	5.000	5.028	1.278	6.306	636
81 07 31 1155		.3	1	2.17	0.006	1.00	0.001	5.90	5.90	5.907	0.994	6.901	579
81 08 26 1250		.3	1	1.300	0.006	0.58	0.003	10.000	10.000	10.009	0.574	10.583	567
81 09 28 1150		.3	1	0.600	0.002	6.00	0.006	8.740	8.750	8.748	5.998	14.746	605
81 12 02 1130		.3	1	0.024	0.052	0.59	0.045	0.660	0.705	0.757	0.538	1.295	531
81 12 21 1250		.3	1	0.022	0.014	0.45	0.069	0.460	0.530	0.543	0.436	0.979	854
MAXIMUM				**2.17**	**0.800**	**6.00**	**0.230**	**15.500**	**10.000**	**16.325**	**5.998**	**20.925**	**854**
ARITH MEAN				**0.57**	**0.153**	**2.14**	**0.044**	**7.53**	**5.59**	**7.730**	**1.989**	**9.719**	**671**
GEOM MEAN				**0.23**	**0.024**	**1.42**	**0.014**	**4.79**	**3.60**	**5.018**	**1.328**	**6.744**	**662**
MINIMUM				**0.022**	**0.002**	**0.45**	**0.001**	**0.460**	**0.530**	**0.543**	**0.436**	**0.979**	**531**
STD DEV (GEOM *)				0.71	0.286	2.10	0.073	5.13	3.79	5.369	1.989	6.606	115
# SAMPLES (IN STATISTICS)				9	9	9	9	9	7	9	9	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU
81 02 05 1345		.3	1	162.0	647.0	1040.0		162.000		7.49	8.1		
81 03 11 1130		.3	1	71.0	695.0	1120.0		166.000		7.71	7.0		
81 05 12 1230		.3	1		556	930	62.00	121.00	210	8.32	6.50		
81 06 30 1200		.3	1		522	760	40.00	121.00	181	7.43	7.30		
81 07 31 1155		.3	1		535	820	10.90	100.00	190	7.81	7.30		
81 08 26 1250		.3	1		529	860	2.60	103.00	166	7.67	6.50		0.032
81 09 28 1150		.3	1		511	820	4.50	89.00	228	7.53	7.20		0.079
81 12 02 1130		.3	1		495	960	28.00	126.00	246	8.07	8.02	3	0.041
81 12 21 1250		.3	1		848	1280	9.30	155.00	318	7.80	7.66		0.004
MAXIMUM				**162.0**	**848**	**1280**	**62.00**	**166.000**	**318**	**8.32**	**8.1**	**3**	**0.079**
ARITH MEAN				**116.5**	**593**	**954**	**22.47**	**127.00**	**220**	**7.76**	**7.2**	**3**	**0.039**
GEOM MEAN				**107.2**	**584**	**942**	**13.51**	**124.23**	**215**	**7.75**	**7.2**		**0.025**
MINIMUM				**71.0**	**495**	**760**	**2.60**	**89.00**	**166**	**7.43**	**6.50**	**3**	**0.004**
STD DEV (GEOM *)				64.3	116	167	22.08	28.17	51	0.29	0.5		0.031
# SAMPLES (IN STATISTICS)				2	9	9	7	9	7	9	9	1	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 08 26 1250		.3	1	0.005	0.011
81 09 28 1150		.3	1	0.012	0.120
81 12 02 1130		.3	1	0.024	0.057
81 12 21 1250		.3	1	0.003<	0.043
MAXIMUM				**0.024**	**0.120**
ARITH MEAN				**0.014**	**0.058**
GEOM MEAN				**0.011**	**0.042**
MINIMUM				**0.005**	**0.011**
STD DEV (GEOM *)				0.010	0.046
# SAMPLES (IN STATISTICS)				3	4

B.O.W./ SITE: **DON RIVER**
SAMPLE POINT: **BAYVIEW EXIT FROM DON VALLEY PARKWAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-013-02**
STORET CODE: **02 004 4050**

LAT | LONG: | U T M: **17 0631740.0 4837425.0 4** | REGION: **03** | DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 05 1200		3	1	37501	6	1 520	2000I	17000	90I	1370	0 5	12 8	7 2
81 03 11 1015		3	1	37517	6	2 360	320000	790000	35000	6200	4 3	12 1	7 0
81 05 12 1100		3	1	37533	8	8 310	210000	640000	18000	7700	10.0	10 80	6 4
81 06 30 1045		3	1	37549	8	1 550	25000	200000	120	460	20 0	6 50	14 0
81 07 31 1045		3	1	37565	8	2 080					20 0	7 80	8 0
81 08 26 1145		3	1	37581	8	1 640	21000	31000	980	60A	21 0	7 20	5 6
81 09 28 1050		3	1	37597	8	1 940	59000	43000	420	1140	14 5	12 00	13 8
81 12 02 1030		3	1	37613	8	3 220	61000	150000	1800	1940	5 7	11 50	1 8
81 12 21 1120		3	1	37629	8 9	1 720	23000	33000	120	200A	2 8	11 20	3 2
		MAXIMUM				**8.310**	**320000**	**790000**	**35000**	**7700**	**21.0**	**12.8**	**14.0**
		ARITH MEAN				**3.160**	**90128**	**238000**	**7066**	**2384**	**11.0**	**10.2**	**7.4**
		GEOM MEAN				**3.093**	**39428**	**101587**	**939**	**972**	**7.0**	**9.9**	**6.3**
		MINIMUM				**1.520**	**2000**	**17000**	**90**	**60**	**0.5**	**6.50**	**1.8**
		STD DEV (GEOM *)				**0.723**	**5***	**4***	**10***	**5***	**8.1**	**2.3**	**4.2**
		# SAMPLES (IN STATISTICS)				77	**8**	**8**	**8**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 05 1200		3	1	1 450	0.750	6 200	8 000	0 075	2 130		8 405	1 800	10.205
81 03 11 1015		3	1	0 332	0.430	0 580	4 350	0 890	1 160		2 630	3 770	6 400
81 05 12 1100		3	1	0 207	0.081	0 006	1 62	0 009	2 890	2 900	2.905	1.614	4 519
81 06 30 1045		3	1	0 455	0 240	0 020	0 83	0 009	6 700	6 750	6 729	0 810	7 539
81 07 31 1045		3	1	0.415	0 220	0 004	0 85	0 007	4 79	4 80	4 801	0 846	5 647
81 08 26 1145		3	1	0.420	0.000	0.028	0.59	0 022	10 500	10 500	10 550	0 562	11.112
81 09 28 1050		3	1	0 780	0.170	0 002	4 20	0 004	6 750	6.750	6 756	4 198	10 954
81 12 02 1030		3	1	0 250	0.096	0.440	2.48	0 001	2 950	2.950	3.391	2.040	5 431

(CONTD)

B.O.W./ SITE: **DON RIVER**
SAMPLE POINT: **BAYVIEW EXIT FROM DON VALLEY PARKWAY**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-013-02**
STORET CODE: **02 004 4050**

LAT LONG U.T.M. **17 0631740.0 4837425.0 4** REGION: **03** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF TOT MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF REAC MG/L	NNKI TOTAL N MG/L AS N
81 12 21 1120		3	1	0 988	0 300	0 008	4 25	0 190	7 560	7 750	7 758	4 242	12 000
MAXIMUM				1.450	**0.750**	**6.200**	**8.000**	**0.890**	**10.500**	**10.500**	**10.550**	**4.242**	**12.000**
ARITH MEAN					**0.286**	**0.810**	**3.01**	**0.134**	**5.04**	**6.05**	**5.992**	**2.209**	**8.201**
GEOM MEAN					**0.226**	**0.041**	**2.16**	**0.020**	**4.14**	**5.50**	**5.398**	**1.749**	**7.740**
MINIMUM					**0.081**	**0.002**	**0.59**	**0.001**	**1.160**	**2.900**	**2.630**	**0.562**	**4.519**
STD DEV (GEOM *)					**0.219**	**2.033**	**2.42**	**0.290**	**3.05**	**2.73**	**2.735**	**1.483**	**2.871**
# SAMPLES (IN STATISTICS)					**8**	**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 02 05 1200		3	1	1302 0		1274 0	2250 0		500 000		7 94	8 0
81 03 11 1015		3	1	772 0	47 0	725 0	1260 0		209 000		8 01	7 4
81 05 12 1100		3	1	712		451	760	140 00	111 00	163	8 14	6 40
81 06 30 1045		3	1	639		626	980	4 00	151 00	182	7 42	7 40
81 07 31 1045		3	1				820	3 60	120 00	169	7 26	7 00
81 08 26 1145		3	1	584		562	940	0 87	143 00	181	7 53	7 00
81 09 28 1050		3	1	563		550	920	4 90	129 00	214	7 85	7 30
81 [illegible]		[illegible]		[illegible]		551	1030	15 50	186 00	230	7 68	7 89
81 12 21 1120		3	1	779		767	1230	10 80	193 00	242	7 83	7 63

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
MAXIMUM				1302.0	47.0	1274.0	2250.0	140.00	500.000	242	8.14	8.0
ARITH MEAN				741		688	1132	25.67	193.55	197	7.74	7.3
GEOM MEAN				714		655	1073	7.58	173.05	195	7.74	7.3
MINIMUM				563		451	760	0.87	111.00	163	7.26	6.40
STD DEV (GEOM *)				242		257	451	50.66	119.87	31	0.29	0.4
# SAMPLES (IN STATISTICS)				8		8	9	7	9	7	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 26 1145		3	1	0.028	0.003<	0.110
81 09 28 1050		3	1	0.012	0.010	0.018
81 12 02 1030		3	1	0.048	0.027	0.053
81 12 21 1120		3	1	0.016	0.005	0.030
MAXIMUM				0.048	0.027	0.110
ARITH MEAN				0.026		0.053
GEOM MEAN				0.023		0.042
MINIMUM				0.012	0.005	0.018
STD DEV (GEOM *)				0.016		0.041
# SAMPLES (IN STATISTICS)				4		4

B.O.W./ SITE: **DON RIVER**
SAMPLE POINT: **AT POTTERY ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-014-02**
STORET CODE: **02 004 4050**

LAT: LONG: U T M: **17 0632000.0 4838325.0 4** REGION: **03** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FCMF FECAL COLIFORM MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 02 06 1400		.3	1	52500		1.570	2400	360	0.516	0.220		1.300	
81 02 19 1430		.3	1	52502		33.300	15000>	300	0.970	0.085		1.300	
81 03 02 1140		.3	1	52504		3.370	400I	30I	0.090	0.034		1.620	
81 03 05 1130		.3	1	52506		2.480	7600	108	0.265	0.007		2.360	
81 03 16 1300		.3	1	52508		2.040	30I	4<	0.052	0.021		1.080	
81 03 23 1030		.3	1	52510		1.780	10I	4<	0.195	0.092		2.070	
81 04 01 1400		.3	1	52512		2.990	20<	4<	0.268	0.170		1.800	
81 05 01 1245		.3	1	52514		1.700	20I	4<	0.141	0.057		3.920	
81 05 14 1315		.3	1	52516	8	4.240	890	72	0.190	0.057	0.004	3.00	3.000
81 06 22 1000		.3	1	52520	3	11.100			1.160	0.110	0.004	2.150	2.150
81 07 14 1050		.3	1	52524	8	1.370	540	1500>	0.342	0.155	0.015	3.890	3.900
81 07 20 1000		.3	1	52526		8.070	77000	4000	0.065	0.004	0.077	0.525	0.600
81 08 10 1035		.3	1	52528		2.030	470	80A	0.538	0.300	0.021	6.23	6.25
81 08 17 1100		.3	1	52530	8	3.000	800A	240	1.090	0.250	0.004	3.900	3.900
81 08 25 0940		.3	1	52532	8	1.620	30A	20A	0.450	0.125	0.014	6.50	6.50
81 08 31 1115		.3	1	52534	8	3.700	33000	1110	0.110	0.024	0.033	0.682	0.715
81 09 18 0945		.3	1	52536	8	2.280	3000	690	0.422	0.155	0.008	5.000	5.000
81 09 23 1405		.3	1	52538	8	2.500	36000	340	0.408	0.083	0.004	4.800	4.800
81 10 06 1045		.3	1	52540	9	15.600	59000	840	1.010	0.120	0.022	1.130	1.150
81 10 15 1405		.3	1	52542	8	3.900	29000	360	0.585	0.270	0.005	3.140	3.150
81 10 26 1030		.3	1	52544	8	7.080	20000	380	0.232	0.083	0.001<T	2.200	2.200
81 11 05 1030		.3	1	52546	8	2.290	1800	40A	0.740				
81 11 19 1015		.3	1	52548	8	3.920	440	20A		0.023	0.073	0.900	0.975
81 11 24 1100		.3	1	52550	8	3.440	1000	50A	0.415	0.073	0.001	3.650	3.650
MAXIMUM						33.300	77000	4000	1.160	0.300	0.077	6.50	6.50
ARITH MEAN						5.224	13020	502	0.446	0.109	0.019<A	2.74	3.19
GEOM MEAN						3.502	1428	182	0.322	0.071	0.009<A	2.21	2.53
MINIMUM						1.370	10	20	0.052	0.004	0.001	0.525	0.600
STD DEV (GEOM *)						6.863	15*	4*	0.339	0.086	0.024<A	1.73	1.91
# SAMPLES (IN STATISTICS)						24	21	18	23	23	15	23	15

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 02 06 1400		.3	1	20.0	2100.0	0.070<	0.016	0.010	0.0005			
81 02 19 1430		.3	1	837.0		0.060	0.034	0.095	0.0002<	27		
81 03 02 1140		.3	1	38.0	800.0	0.050<	0.005	0.003<	0.0002<	20<W	50 <W	50 <W
81 03 05 1130		.3	1	28.0	1440.0	0.050<	0.003	0.003<	0.0002<	20<W	50 <W	50 <W
81 03 16 1300		.3	1	20.0	820.0	0.040<	0.003	0.003<	0.0004	20<W		
81 03 23 1030		.3	1	8.0	1380.0	0.050<	0.004	0.003<	0.0003		350	50 <W
81 04 01 1400		.3	1	15.0	1180.0		0.007	0.008	0.0003			
81 05 01 1245		.3	1	5.0	1050.0	0.060<	0.009	0.006	0.0002<			
81 05 14 1315		.3	1	28		0.04 <	0.000	0.000	0.0000	20<W	320.000	50.000<W
81 06 22 1000		.3	1	825		0.09	0.051	0.140	0.0007	150	300	50 <W
81 07 14 1050		.3	1	7		0.07 <	0.009	0.010	0.0003			
81 07 20 1000		.3	1	14		0.05 <	0.004	0.004	0.0004			
81 08 10 1035		.3	1	28.2		0.09	0.017	0.014	0.0001<			
81 08 17 1100		.3	1	37.6			0.049	0.044	0.0034			
81 08 25 0940		.3	1	13.9		0.04	0.016	0.022	0.0001<			
81 08 31 1115		.3	1	43.6		0.06 <	0.009	0.011	0.0002<	52		
81 09 18 0945		.3	1	16.4		0.04 <	0.013	0.018	0.0002	20<W	700	50 <W
81 09 23 1405		.3	1	11.3		0.05 <	0.012	0.013	0.0001			
81 10 06 1045		.3	1	678.0		0.11	0.071	0.320	0.0014	250		
81 10 15 1405		.3	1	133.0		0.04 <	0.023	0.033	0.0007			

(CONTD)

B.O.W./ SITE: **DON RIVER**
SAMPLE POINT: **AT POTTERY ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC024**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DON RIVER**

STATION ID: **06-0085-014-02**
STORET CODE: **02 004 4050**

LAT: LONG: U.T.M.: **17 0632000.0 4838325.0 4** REGION: **03** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 10 26 1030		.3	1	139.0		0.08 <	0.043	0.067	0.0006			
81 11 05 1030		.3	1	12.3		0.03 <	0.017	0.016	0.0008			
81 11 19 1015		.3	1			0.08 <	0.046			20<W	160	50 <W
81 11 24 1100		.3	1	12.9		0.06 <	0.022	0.024	0.0004			
	MAXIMUM			**837.0**	**2100.0**	**0.11**	**0.071**	**0.320**	**0.0034**		**700**	**50**
	ARITH MEAN			**129**	**1252.9**	**0.07**	**0.021**	**0.047**	**0.0007**		**275** <A	**50** <A
	GEOM MEAN			**33**	**1190.6**	**0.07**	**0.014**	**0.023**	**0.0005**		**191** <A	**50** <A
	MINIMUM			**5.0**	**800.0**	**0.04**	**0.003**	**0.004**	**0.0001**		**50**	**50**
	STD DEV (GEOM *)			**261**	**448.7**	**0.02**	**0.019**	**0.077**	**0.0008**		**224** <A	**0** <A
	# SAMPLES (IN STATISTICS)			**23**	**7**	**5**	**23**	**18**	**15**		**7**	**7**

B.O.W./ SITE: **HIGHLAND CREEK**
SAMPLE POINT: **HIGHLAND CREEK PARK WEST HILL**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **HIGHLAND CREEK**

STATION ID: **06-0094-002-02**
STORET CODE: **02 004 3910**

LAT: LONG: U.T.M.: **17 0647400.0 4848825.0 4** REGION: **03** DISTANCE: **2.575**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 03 11 0935		.3	1	37516	6	0.477	2200	3600	1400	100I	3.0	13.0	0.8
81 05 12 1000		.3	1	37532	8	2.240	32000	182000	1700	2560	10.0	11.00	2.6
81 06 30 1000		.3	1	37548	8	0.410	1500	28000	200	120	20.0	8.00	0.6
81 07 31 1000		.3	1	37564	8	0.459					18.0	8.40	1.2
81 08 26 0900		.3	1	37580	8	0.384	1000A	15200	60A	100	18.0	8.00	1.0
81 09 28 1010		.3	1	37596	8	0.438	2100	5900	110	60A	13.0	12.00	1.0
81 12 02 0940		.3	1	37612	8	1.150	6300	17500	1500	2300	6.4	11.60	1.4
81 12 21 1030		.3	1	37628	4	0.517	2400	4000	100	100A	0.0	13.20	1.500
	MAXIMUM					**2.240**	**32000**	**182000**	**1700**	**2560**	**20.0**	**13.20**	**2.6**
	ARITH MEAN					**0.759**	**6788**	**36600**	**724**	**763**	**12.6**	**10.6**	**1.2**
	GEOM MEAN					**0.614**	**3189**	**14178**	**335**	**237**	**10.7**	**10.4**	**1.1**
	MINIMUM					**0.384**	**1000**	**3600**	**60**	**60**	**3.0**	**8.00**	**0.6**
	STD DEV (GEOM *)					**0.648**	**3***	**4***	**4***	**5***	**6.5**	**2.2**	**0.6**
	# SAMPLES (IN STATISTICS)					**8**	**7**	**7**	**7**	**7**	**7**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 03 11 0935		.3	1	0.082	0.010	0.060	0.490	0.035	1.210		1.305	0.430	1.735
81 05 12 1000		.3	1	0.267	0.042	0.012	0.93	0.091	1.560	1.650	1.663	0.918	2.581
81 06 30 1000		.3	1	0.011	0.006	0.008	0.25	0.006	0.535	0.540	0.549	0.242	0.791
81 07 31 1000		.3	1	0.055	0.018	0.002<T	0.45	0.001	1.050	1.050	1.053	0.448	1.501
81 08 26 0900		.3	1	0.134	0.010	0.010	0.34	0.010	0.650	0.660	0.670	0.330	1.000
81 09 28 1010		.3	1	0.042	0.021	0.020	0.55	0.020	0.730	0.750	0.770	0.530	1.300
81 12 02 0940		.3	1	0.138	0.021	0.050	0.60	0.073	1.530	1.600	1.653	0.550	2.203
81 12 21 1030		.3	1	0.225	0.002	0.010	0.32	0.001	1.500	1.500	1.511	0.310	1.821
	MAXIMUM			**0.267**	**0.042**	**0.060**	**0.93**	**0.091**	**1.560**	**1.650**	**1.663**	**0.918**	**2.581**
	ARITH MEAN			**0.119**	**0.016**	**0.021<A**	**0.49**	**0.030**	**1.096**	**1.107**	**1.147**	**0.470**	**1.616**
	GEOM MEAN			**0.083**	**0.012**	**0.014<A**	**0.46**	**0.011**	**1.018**	**1.015**	**1.062**	**0.435**	**1.515**
	MINIMUM			**0.011**	**0.002**	**0.002**	**0.25**	**0.001**	**0.535**	**0.540**	**0.549**	**0.242**	**0.791**
	STD DEV (GEOM *)			**0.090**	**0.013**	**0.021<A**	**0.21**	**0.036**	**0.419**	**0.473**	**0.450**	**0.210**	**0.598**
	# SAMPLES (IN STATISTICS)			**8**	**8**	**8**	**8**	**8**	**8**	**7**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 03 11 0935		.3	1	1001.0	76.0		1550.0	58.00	315.000		7.91	7.5	
81 05 12 1000		.3	1	616		429	720	130.00	107.00	145	8.28	6.50	
81 06 30 1000		.3	1	644		641	1080	0.82	177.00	182	8.14	7.80	
81 07 31 1000		.3	1	609		593	920	3.20	144.00	191	8.18	7.60	
81 08 26 0900		.3	1	577	6.0		980	0.61	154.00	190	8.33	6.40	1
81 09 28 1010		.3	1	532	2.0		920	2.10	132.00	194	8.30	7.80	1<T
81 12 02 0940		.3	1	506	58.0		830	27.00	142.00	171	7.81	7.83	2
81 12 21 1030		.3	1	925	5.4		1550	5.50	312.00	250	8.07	7.99	
	MAXIMUM			**1001.0**	**76.0**	**641**	**1550.0**	**130.00**	**315.000**	**250**	**8.33**	**7.99**	**2**
	ARITH MEAN			**676**	**29.5**	**554**	**1068**	**28.40**	**185.37**	**189**	**8.13**	**7.4**	**1<A**
	GEOM MEAN			**667**	**12.3**	**546**	**1032**	**6.64**	**172.21**	**187**	**8.13**	**7.4**	**1<A**
	MINIMUM			**506**	**2.0**	**429**	**720**	**0.61**	**107.00**	**145**	**7.81**	**6.40**	**1**
	STD DEV (GEOM *)			**183**	**34.9**	**111**	**314**	**45.65**	**81.48**	**32**	**0.19**	**0.6**	**1<A**
	# SAMPLES (IN STATISTICS)			**8**	**5**	**3**	**8**	**8**	**8**	**7**	**8**	**8**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 26 0900		3	1	0.11	0.015	0.016	0.020
81 09 28 1010		3	1	0.17	0.007	0.004	0.095
81 12 02 0940		3	1	27.00	0.040	0.034	0.080
81 12 21 1030		3	1	0.44	0.007	0.003<	0.019
MAXIMUM				**27.00**	**0.040**	**0.034**	**0.095**
ARITH MEAN				**6.93**	**0.017**	**0.018**	**0.053**
GEOM MEAN				**0.69**	**0.013**	**0.013**	**0.041**
MINIMUM				**0.11**	**0.007**	**0.004**	**0.019**
STD DEV (GEOM *)				**13.38**	**0.016**	**0.015**	**0.040**
# SAMPLES (IN STATISTICS)				**4**	**4**	**3**	**4**

B.O.W / SITE: **ROUGE RIVER**
SAMPLE POINT: **HIGHWAY 48 MARKHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC022**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-002-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0639875.0 4858525.0 4** REGION: **03** DISTANCE: **20.277**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1415		3	1	32009	6	0.212	4600	4600	100	310	1.0	11.1	1.0
81 02 24 1245		3	1	32081	6	10.100	21000	28000	190	590	3.3	9.4	1.4
81 03 23 1610		3	1	32099	8	0.728	1700	4300	10A	10<	5.9	11.90	1.2
81 04 21 1530		3	1	32148	8	0.737	70A	740	10<	10<	10.0	10.80	1.0
81 05 25 1445		3	1	32197	8	0.492	3200	20500	40	600>	18.9	8.70	1.2
81 06 22 1530		3	1	32246	8	2.270	16000	160000	3300	4000	20.1	6.30	2.6
81 07 29 0900		3	1	32319	8	1.850	21000	160000	7500	5400	17.5	7.20	2.2
81 08 21 0845		3	1	32356	8	0.379	1100	13600	70A	60A	18.8	8.20	1.6
81 09 23 1430		3	1	32386	8	0.789	1000	27000	60A	50A	13.0	9.70	1.4
81 10 28 0915		3	1	32452	8 3	11.400	66000A	530000	1460	5800	8.0	9.20	2.4
81 11 26 1400		3	1	32512	8	1.430	1300	28000	40A	70A	2.9	11.20	0.6
81 12 21 1500		3	1	32549	4	0.870	2520A	5400	48	44	0.0	13.20	1.0
MAXIMUM						**11.400**	**66000**	**530000**	**7500**	**5800**	**20.1**	**13.20**	**2.6**
ARITH MEAN						**2.605**	**11624**	**81845**	**1165**	**1814**	**10.9**	**9.7**	**1.5**
GEOM MEAN						**1.212**	**3460**	**20739**	**163**	**391**	**7.9**	**9.5**	**1.4**
MINIMUM						**0.212**	**70**	**740**	**10**	**44**	**1.0**	**6.30**	**0.6**
STD DEV (GEOM *)						**3.862**	**6***	**6***	**8***	**8***	**7.2**	**2.0**	**0.6**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**9**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 20 1415		3	1	0.068	0.019	0.180	0.520	0.019	1.540		1.739	0.340	2.079
81 02 24 1245		3	1	0.206	0.029	0.152	1.550	0.051	2.950		3.153	1.398	4.551
81 03 23 1610		3	1	0.075	0.005	0.080	0.52	0.011	1.240	1.250	1.331	0.440	1.771
81 04 21 1530		3	1	0.032	0.001<W	0.088	0.52	0.017	0.735	0.750	0.840	0.432	1.272
81 05 25 1445		3	1	0.042	0.003	0.120	0.55	0.034	0.810	0.845	0.964	0.430	1.394
81 06 22 1530		3	1	0.123	0.034	0.002<T	0.86	0.005	1.050	1.050	1.057	0.858	1.915
81 07 29 0900		3	1	0.158	0.040	0.080	0.85	0.032	0.495	0.525	0.607	0.770	1.377
81 08 21 0845		3	1	0.079	0.054	0.004	0.45	0.001	1.150	1.150	1.155	0.446	1.601
81 09 23 1430		3	1	0.086	0.006	0.096	0.89	0.017	0.700	0.715	0.813	0.794	1.607
81 10 28 0915		3	1	0.192	0.055	0.038	0.90	0.053	1.800	1.850	1.891	0.862	2.753
81 11 26 1400		3	1	0.030	0.022	0.044	0.50	0.022	2.480	2.500	2.546	0.456	3.002
81 12 21 1500		3	1	0.098	0.013	0.006	0.55	0.001<T	2.050	2.050	2.057	0.544	2.601
MAXIMUM				**0.206**	**0.055**	**0.180**	**1.550**	**0.053**	**2.950**	**2.500**	**3.153**	**1.398**	**4.551**
ARITH MEAN				**0.099**	**0.023<A**	**0.074<A**	**0.72**	**0.022<A**	**1.417**	**1.268**	**1.513**	**0.647**	**2.160**
GEOM MEAN				**0.083**	**0.014<A**	**0.039<A**	**0.67**	**0.013<A**	**1.237**	**1.130**	**1.346**	**0.594**	**2.009**
MINIMUM				**0.030**	**0.001**	**0.002**	**0.45**	**0.001**	**0.495**	**0.525**	**0.607**	**0.340**	**1.272**
STD DEV (GEOM *)				**0.059**	**0.019<A**	**0.058<A**	**0.31**	**0.018<A**	**0.767**	**0.653**	**0.779**	**0.303**	**0.944**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 20 1415		3	1	518.0	40.0	478.0	800.0	27.00	76.000			7.8	
81 02 24 1245		3	1	448.0	88.0	360.0	560.0		48.500		7.94	7.7	
81 03 23 1610		3	1	454		410	660	24.00	54.00	237	8.14	8.00	
81 04 21 1530		3	1	449		424	700	18.00	76.00	218	8.32	8.20	
81 05 25 1445		3	1	408		387	580	5.00	59.00	177	8.11	8.00	
81 06 22 1530		3	1	387		341	560	29.00	45.50	188	8.00	7.70	
81 07 29 0900		3	1	357		303	470	12.60	39.50	159	7.82		
81 08 21 0845		3	1	388		341	580	2.40	44.00	204	8.14	7.60	0.009
81 09 23 1430		3	1	365		340	620	19.00	46.50	229	8.21	8.00	0.018
81 10 28 0915		3	1	397		326	540	54.00	35.00	201	8.00	7.60	0.016
81 11 26 1400		3	1	423		400	700	11.30	48.00	270	8.35	7.90	0.003
81 12 21 1500		3	1	490		411	700	43.00	41.50	271	7.96	7.70	0.012
MAXIMUM				**518.0**	**88.0**	**478.0**	**800.0**	**54.00**	**76.000**	**271**	**8.35**	**8.20**	**0.018**
ARITH MEAN				**423**	**64.0**	**376**	**622**	**22.30**	**51.12**	**215**	**8.09**	**7.8**	**0.012**
GEOM MEAN				**421**	**59.3**	**373**	**616**	**16.55**	**49.73**	**213**	**8.09**	**7.8**	**0.010**
MINIMUM				**357**	**40.0**	**303**	**470**	**2.40**	**35.00**	**159**	**7.82**	**7.60**	**0.003**
STD DEV (GEOM *)				**49**	**33.9**	**50**	**91**	**15.63**	**13.19**	**37**	**0.16**	**0.2**	**0.006**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**11**	**12**	**10**	**11**	**11**	**5**

(CONTD)

B.O.W./ SITE: **ROUGE RIVER**
SAMPLE POINT: **HIGHWAY 48 MARKHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC022**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-002-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0639875.0 4858525.0 4** REGION: **03** DISTANCE: **20.277**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 21 0845		.3	1	0.003<	0.004
81 09 23 1430		.3	1	0.009	0.009
81 10 28 0915		.3	1	0.005	0.048
81 11 26 1400		.3	1	0.003	0.007
81 12 21 1500		.3	1	0.013	0.019
MAXIMUM				**0.013**	**0.048**
ARITH MEAN				**0.007**	**0.017**
GEOM MEAN				**0.006**	**0.012**
MINIMUM				**0.003**	**0.004**
STD DEV (GEOM *)				**0.004**	**0.018**
# SAMPLES (IN STATISTICS)				**4**	**5**

B.O.W./ SITE: **ROUGE RIVER**
SAMPLE POINT: **BOX GROVE,TOWN OF MARKHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC022**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-003-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0641950.0 4857450.0 4** REGION: **03** DISTANCE: **17.220**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 30 0945		.3	1	32040	4	0.200	220	1500	70I	190	0.0	12.8	0.4
81 02 24 1300		.3	1	32082	6	10.100	32000	153000	90I	380	2.4	9.8	1.2
81 03 23 1630		.3	1	32100	8	0.728	250	730	10<	20A	5.0	13.80	1.0
81 04 21 1550		.3	1	32149	8	0.737	120	0	10<	10<	11.1	9.40	0.8
81 05 25 1500		.3	1	32198	8	0.492	400A	82000	116	260	19.0	8.30	1.2
81 06 22 1550		.3	1	32247	8	2.270	29000	210000	1700	8800	20.0	6.30	2.8
81 07 29 0930		.3	1	32320	8	1.850	32000A	290000	10200	6500	17.2	7.60	2.2
81 08 21 0915		.3	1	32357	8	0.379	1200	5800	120	100	20.1	8.10	1.4
81 09 23 1445		.3	1	32387	8	0.789	900A	26000	70A	280	13.9	10.20	1.4
81 10 28 0945		.3	1	32453	8 3	11.400	59000A	370000	1540	6100	8.9	9.30	1.8
81 11 26 1415		.3	1	32513	8	1.430	1100A	32000	30A	620	2.9	12.20	0.2<T
81 12 21 1520		.3	1	32550	4	0.870	170	1000	24	32	0.0	14.30	0.4
MAXIMUM						**11.400**	**59000**	**370000**	**10200**	**8800**	**20.1**	**14.30**	**2.8**
ARITH MEAN						**2.604**	**13030**	**106548**	**1396**	**2117**	**12.0**	**10.1**	**1.2<A**
GEOM MEAN						**1.206**	**1768**	**23960**	**203**	**421**	**9.5**	**9.8**	**1.0<A**
MINIMUM						**0.200**	**120**	**730**	**24**	**20**	**2.4**	**6.30**	**0.2**
STD DEV (GEOM *)						**3.863**	**11***	**11***	**7***	**8***	**7.0**	**2.5**	**0.8<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**11**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 30 0945		.3	1	0.025	0.005	0.166	0.560	0.035	1.570		1.771	0.394	2.165
81 02 24 1300		.3	1	0.210	0.027	0.194	2.190	0.051	3.050		3.295	1.996	5.291
81 03 23 1630		.3	1	0.020	0.011	0.004	0.28	0.011	1.240	1.250	1.255	0.276	1.531
81 04 21 1550		.3	1	0.031	0.002	0.074	0.53	0.016	0.700	0.715	0.790	0.456	1.246
81 05 25 1500		.3	1	0.032	0.003	0.112	0.66	0.047	0.735	0.780	0.894	0.548	1.442
81 06 22 1550		.3	1	0.174	0.040	0.030	1.10	0.005	1.200	1.200	1.235	1.070	2.305
81 07 29 0930		.3	1	0.188	0.035	0.054	0.95	0.033	0.540	0.575	0.627	0.896	1.523
81 08 21 0915		.3	1	0.100	0.031	0.004	0.66	0.001	1.100	1.100	1.105	0.656	1.761
81 09 23 1445		.3	1	0.075	0.004	0.076	0.75	0.013	0.720	0.735	0.809	0.674	1.483
81 10 28 0945		.3	1	0.215	0.054	0.028	1.00	0.054	1.900	1.950	1.982	0.972	2.954
81 11 26 1415		.3	1	0.030	0.007	0.040	0.42	0.014	2.490	2.500	2.544	0.380	2.924
81 12 21 1520		.3	1	0.042	0.007	0.006	0.48	0.015	1.940	2.050	1.961	0.474	2.435
MAXIMUM				**0.215**	**0.054**	**0.194**	**2.190**	**0.054**	**3.050**	**2.500**	**3.295**	**1.996**	**5.291**
ARITH MEAN				**0.095**	**0.019**	**0.066**	**0.79**	**0.025**	**1.432**	**1.285**	**1.522**	**0.733**	**2.255**
GEOM MEAN				**0.066**	**0.011**	**0.035**	**0.69**	**0.016**	**1.249**	**1.145**	**1.346**	**0.632**	**2.067**
MINIMUM				**0.020**	**0.002**	**0.004**	**0.28**	**0.001**	**0.540**	**0.575**	**0.627**	**0.276**	**1.246**
STD DEV (GEOM *)				**0.079**	**0.018**	**0.063**	**0.50**	**0.019**	**0.784**	**0.661**	**0.810**	**0.470**	**1.119**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 30 0945		.3	1	566.0	8.0	558.0	940.0		123.000		8.04	7.9	
81 02 24 1300		.3	1	440.0	87.0	353.0	560.0		49.000		8.02	7.8	
81 03 23 1630		.3	1	435		412	640	6.30	65.00	213	8.15	8.30	
81 04 21 1550		.3	1	415		408	760	12.00	76.00	201	8.30	8.30	
81 05 25 1500		.3	1	409		395	600	5.50	61.00	188	8.27	8.00	
81 06 22 1550		.3	1	395		307	550	37.00	41.00	164	7.68	7.80	
81 07 29 0930		.3	1	396		303	470	11.40	38.00	156	7.85		
81 08 21 0915		.3	1	384		350	600	3.30	47.00	205	8.36	7.70	0.013
81 09 23 1445		.3	1	367		343	620	3.30	48.50	225	8.21	8.00	0.022
81 10 28 0945		.3	1	422		323	540	53.00	35.50	204	8.01	7.60	0.012
81 11 26 1415		.3	1	395		376	600	10.90	48.50	257	8.25	8.00	0.003
81 12 21 1520		.3	1	455		419	700	10.90	45.00	223	8.06	7.90	0.010
MAXIMUM				**566.0**	**87.0**	**558.0**	**940.0**	**53.00**	**123.000**	**257**	**8.36**	**8.30**	**0.022**
ARITH MEAN				**423**	**47.5**	**378**	**631**	**15.36**	**56.45**	**204**	**8.10**	**7.9**	**0.012**
GEOM MEAN				**420**	**26.4**	**373**	**622**	**10.19**	**53.07**	**202**	**8.10**	**7.9**	**0.010**
MINIMUM				**367**	**8.0**	**303**	**470**	**3.30**	**35.50**	**156**	**7.68**	**7.60**	**0.003**
STD DEV (GEOM *)				**51**	**55.9**	**69**	**122**	**16.40**	**23.98**	**30**	**0.20**	**0.2**	**0.007**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**10**	**12**	**10**	**12**	**11**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 21 0915		.3	1	0 003<	0 008
81 09 23 1445		.3	1	0 003	0 007
81 10 28 0945		.3	1	0 006	0 027
81 11 26 1415		.3	1	0 003<	0 007
81 12 21 1520		.3	1	0 012	0 017
MAXIMUM				**0.012**	**0.027**
ARITH MEAN				**0.007**	**0.013**
GEOM MEAN				**0.006**	**0.011**
MINIMUM				**0.003**	**0.007**
STD DEV (GEOM *)				**0.005**	**0.009**
# SAMPLES (IN STATISTICS)				**3**	**5**

B.O.W / SITE: **ROUGE RIVER**
SAMPLE POINT: **HIGHWAY 2, 1MILE WEST OF ROUGE HILL**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC015**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-005-02**
STORET CODE: **02 004 3880**

LAT LONG U.T.M: **17 0650060.0 4851850.0 4** REGION: **03** DISTANCE: **2.414**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 24 1000		.3	1	32080	6	36000	180000	150	630	3 0	11 2	1 5	0 420
81 03 23 1130		.3	1	32087	8	30A	400	10A	10<	4 0	12 80	0 4	0 022
81 04 21 1030		.3	1	32136	8	30A	2200	4<	4<	6 2	10 60	0 8	0 019
81 05 25 1000		.3	1	32185	8	700A	38500	104	32	16 8	8 00	0 8	0 028
81 06 22 1040		.3	1	32234	8	5400A	60000	1210	1500>	19 9	6 80	1 6	0 064
81 07 28 1045		.3	1	32307	8	15000A	1500000	600	1500	19 0	7 20	0 8	0 060
81 08 21 1030		.3	1	32362	8	1500	23000	170	160	20 1	8 50	0 8	0 030
81 09 23 1000		.3	1	32374	8	2000	27000	250	160	11 0	9 20	0 2<T	0 175
81 10 28 1130		.3	1	32458	8 3	33000A	380000	2240	6000	9 8	10 00	2 0	0 425
81 11 26 0915		.3	1	32500	8	1100	18000	80A	70A	1 5	11 60	0 2<T	0 090
81 12 21 1015		.3	1	32537	4	210	420	36	48	0 0	13 60	0 6	0 220
MAXIMUM						**36000**	**1500000**	**2240**	**6000**	**20.1**	**13.60**	**2.0**	**0.425**
ARITH MEAN						**8634**	**202684**	**485**	**1075**	**11.1**	**9.9**	**0.9<A**	**0.141**
GEOM MEAN						**1405**	**23057**	**178**	**251**	**8.3**	**9.7**	**0.7<A**	**0.080**
MINIMUM						**30**	**400**	**10**	**32**	**1.5**	**6.80**	**0.2**	**0.019**
STD DEV (GEOM *)						**12***	**14***	**5***	**8***	**7.4**	**2.2**	**0.6<A**	**0.153**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**8**	**10**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 24 1000		.3	1	0 034	0 130	1 850	0 054	3 600		3 784	1 720	5 504	673 0
81 03 23 1130		.3	1	0 004	0 044	0 35	0 009	1 340	1 350	1 393	0 306	1 699	428
81 04 21 1030		.3	1	0 001	0 036	0 45	0 010	0 755	0 765	0 801	0 414	1 215	422
81 05 25 1000		.3	1	0 010	0 072	0 55	0 057	0 525	0 580	0 654	0 478	1 132	375
81 06 22 1040		.3	1	0 015	0 002<T	0 62	0 003	0 620	0 625	0 625	0 618	1 243	262
81 07 28 1045		.3	1	0 004	0 020	0 42	0 006	0 070	0 075	0 096	0 400	0 496	342
81 08 21 1030		.3	1	0 010	0 004	0 54	0 001<T	0 410	0 410	0 415	0 536	0 951	341
81 09 23 1000		.3	1	0 063	0 018	0 49	0 009	0 615	0 625	0 642	0 472	1 114	367
81 10 28 1130		.3	1	0 055	0 018	1 35	0 014	2 740	2 750	2 772	1 332	4 104	662
81 11 26 0915		.3	1	0 054	0 006	0 47	0 010	3 040	3 050	3 056	0 464	3 520	436
81 12 21 1015		.3	1	0 210	0 022	0 36	0 010	1 840	1 850	1 872	0 338	2 210	470
MAXIMUM				**0.210**	**0.130**	**1.850**	**0.057**	**3.600**	**3.050**	**3.784**	**1.720**	**5.504**	**673.0**
ARITH MEAN				**0.042**	**0.034<A**	**0.67**	**0.017<A**	**1.414**	**1.208**	**1.465**	**0.643**	**2.108**	**434**
GEOM MEAN				**0.017**	**0.019<A**	**0.58**	**0.010<A**	**0.902**	**0.803**	**0.968**	**0.549**	**1.663**	**418**
MINIMUM				**0.001**	**0.002**	**0.35**	**0.001**	**0.070**	**0.075**	**0.096**	**0.306**	**0.496**	**262**
STD DEV (GEOM *)				**0.060**	**0.038<A**	**0.47**	**0.020<A**	**1.211**	**1.022**	**1.235**	**0.463**	**1.585**	**128**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU
81 02 24 1000		.3	1	320 0	560 0	140 00	46 000		8 08	7 7			
81 03 23 1130		.3	1	9	700	5 10	68 00	232	8 12	7 90		0 40	
81 04 21 1030		.3	1	4	700	2 80	74 00	215	8 34	7 90			
81 05 25 1000		.3	1	5	620	2 50	67 00	183	8 24	7 80			
81 06 22 1040		.3	1	29	490	7 10	45 50	151	8 23	7 80			
81 07 28 1045		.3	1	39 0	460	2 90	47 50	148	7 76	8 00			
81 08 21 1030		.3	1	13 9	570	1 70	53 00	166	8 12	7 60	1<T	0 55	0 007
81 09 23 1000		.3	1	6 9	780	2 40	51 50	208	8 21	7 90	1<T	0 28	0 008
81 10 28 1130		.3	1	303 0	570	109 00	37 00	212	8 08	7 80	1<T	9 00	0 016
81 11 26 0915		.3	1	6 4	730	6 10	48 50	260	8 37	7 90	1<T	0 29	0 006
81 12 21 1015		.3	1	8 7	760	4 90	56 00	226	8 30	7 60	1<T	0 26	0 024
MAXIMUM				**320.0**	**780**	**140.00**	**74.00**	**260**	**8.37**	**8.00**	**1**	**9.00**	**0.024**
ARITH MEAN				**67**	**630**	**25.86**	**54.00**	**200**	**8.17**	**7.8**	**1<A**	**1.80**	**0.012**
GEOM MEAN				**18**	**622**	**6.77**	**52.96**	**197**	**8.17**	**7.8**	**1<A**	**0.59**	**0.011**
MINIMUM				**4**	**460**	**1.70**	**37.00**	**148**	**7.76**	**7.60**	**1**	**0.26**	**0.006**
STD DEV (GEOM *)				**121**	**109**	**49.29**	**11.28**	**37**	**0.17**	**0.1**	**0<A**	**3.53**	**0.008**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**10**	**11**	**11**	**5**	**6**	**5**

(CONTD)

B.O.W./ SITE: **ROUGE RIVER**
SAMPLE POINT: **HIGHWAY 2, 1MILE WEST OF ROUGE HILL**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC015**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-005-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0650060.0 4851850.0 4** REGION: **03** DISTANCE: **2.414**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 21 1030		.3	1	0.005	0.006
81 09 23 1000		.3	1	0.006	0.001<W
81 10 28 1130		.3	1	0.006	0.033
81 11 26 0915		.3	1	0.003<	0.007
81 12 21 1015		.3	1	0.004	0.020
MAXIMUM				**0.006**	**0.033**
ARITH MEAN				**0.005**	**0.013<A**
GEOM MEAN				**0.005**	**0.008<A**
MINIMUM				**0.004**	**0.001**
STD DEV (GEOM *)				**0.001**	**0.013<A**
# SAMPLES (IN STATISTICS)				**4**	**5**

B.O.W./ SITE: **LITTLE ROUGE CREEK**
SAMPLE POINT: **STEELES AVE NEAR TENTH LINE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-006-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0644650.0 4856375.0 4** REGION: **03** DISTANCE: **10.621**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 30 1015		.3	1	32041	4	1200	3300	60I	240	0.0	13.1	0.4	0.014
81 02 24 1315		.3	1	32083	6	17000	84000	130	490	2.9	9.2	1.6	0.185
81 03 23 1650		.3	1	32101	8	10A	730	10<	20A	5.1	11.20	0.6	0.012
81 04 21 1615		.3	1	32150	8	20A	2030	10<	10<	8.0	8.60	0.6	0.024
81 05 25 1515		.3	1	32199	8	500A	27500	40	60	19.4	8.10	0.8	0.016
81 06 22 1610		.3	1	32248	8	4100A	33000	1410	1360	20.2	7.00	1.2	0.064
81 07 29 0945		.3	1	32321	8	13000	120000	4400	6400	15.4	8.30	1.0	0.090
81 08 21 0930		.3	1	32358	8	1100	9200	80A	60A	18.0	9.00	1.0	0.047
81 09 23 1500		.3	1	32388	8	220	3600	150	40A	14.0	9.70	0.6	0.010
81 10 28 1015		.3	1	32454	8 3	44000A	330000	3500	7700	8.9	9.30	2.0	0.188
81 11 26 1430		.3	1	32514	8	60A	1480	10A	40A	1.9	12.10	0.8	0.007
81 12 21 1545		.3	1	32551	4	40A	480	10A	10<	0.0	14.60	0.6	0.015
MAXIMUM						**44000**	**330000**	**4400**	**7700**	**20.2**	**14.60**	**2.0**	**0.188**
ARITH MEAN						**6771**	**51277**	**979**	**1641**	**11.4**	**10.0**	**0.9**	**0.056**
GEOM MEAN						**612**	**9156**	**155**	**249**	**8.9**	**9.8**	**0.8**	**0.030**
MINIMUM						**10**	**480**	**10**	**20**	**1.9**	**7.00**	**0.4**	**0.007**
STD DEV (GEOM *)						**16***	**8***	**9***	**9***	**6.9**	**2.2**	**0.5**	**0.066**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**10**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 30 1015		.3	1	0.004	0.046	0.330	0.013	1.690		1.749	0.284	2.033	430.0
81 02 24 1315		.3	1	0.038	0.128	1.450	0.047	4.250		4.425	1.322	5.747	440.0
81 03 23 1650		.3	1		0.006	0.25					0.244		
81 04 21 1615		.3	1	0.001<W	0.068	0.36	0.001	0.475	0.475	0.544	0.292	0.836	376
81 05 25 1515		.3	1	0.001	0.066	0.43	0.014	0.630	0.645	0.710	0.364	1.074	320
81 06 22 1610		.3	1	0.031	0.002<T	0.46	0.034	0.450	0.485	0.486	0.458	0.944	297
81 07 29 0945		.3	1	0.001<T	0.032	0.70	0.006	0.185	0.190	0.223	0.668	0.891	336
81 08 21 0930		.3	1	0.051	0.006	0.39	0.012	0.340	0.350	0.358	0.384	0.742	290
81 09 23 1500		.3	1	0.001	0.012	0.41	0.004	0.935	0.940	0.951	0.398	1.349	261
81 10 28 1015		.3	1	0.057	0.034	1.20	0.054	3.450	3.500	3.538	1.166	4.704	419
81 11 26 1430		.3	1	0.004	0.006	0.41	0.007	3.890	3.900	3.903	0.404	4.307	367
81 12 21 1545		.3	1	0.002	0.022	0.40	0.003	2.200	2.200	2.225	0.378	2.603	390
MAXIMUM				**0.057**	**0.128**	**1.450**	**0.054**	**4.250**	**3.900**	**4.425**	**1.322**	**5.747**	**440.0**
ARITH MEAN				**0.017<A**	**0.036<A**	**0.56**	**0.018**	**1.681**	**1.409**	**1.737**	**0.530**	**2.294**	**356**
GEOM MEAN				**0.005<A**	**0.020<A**	**0.48**	**0.010**	**1.048**	**0.868**	**1.117**	**0.456**	**1.748**	**352**
MINIMUM				**0.001**	**0.002**	**0.25**	**0.001**	**0.185**	**0.190**	**0.223**	**0.244**	**0.742**	**261**
STD DEV (GEOM *)				**0.022<A**	**0.037<A**	**0.37**	**0.019**	**1.534**	**1.429**	**1.557**	**0.352**	**1.807**	**60**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 30 1015		.3	1	3.0	427.0	660.0		35.500		8.04	7.6		
81 02 24 1315		.3	1	99.0	341.0	520.0		32.500		8.05	7.8		
81 03 23 1650		.3	1			540	2.50	32.50	210	8.26	8.20		
81 04 21 1615		.3	1		375	600	9.50	47.00	208	8.23	8.10		
81 05 25 1515		.3	1		5	485	2.50	34.50	165	8.49	8.20		
81 06 22 1610		.3	1		281	460	4.50	33.00	167	8.41	8.10		
81 07 29 0945		.3	1		260	400	5.00	28.50	166	8.11			
81 08 21 0930		.3	1		287	480	0.87	42.00	147	8.32	7.90	0.008	0.003<
81 09 23 1500		.3	1		256	520	0.77	34.50	194	8.36	8.00	0.010	0.003<
81 10 28 1015		.3	1		345	560	22.00	32.00	222	8.10	7.60	0.011	0.004
81 11 26 1430		.3	1		361	660	1.20	38.50	252	8.14	8.10	0.004	0.003<
81 12 21 1545		.3	1		374	640	2.80	35.50	244	8.00	7.80	0.008	0.010
MAXIMUM				**99.0**	**427.0**	**660.0**	**22.00**	**47.00**	**252**	**8.49**	**8.20**	**0.011**	**0.010**
ARITH MEAN				**51.0**	**301**	**543**	**5.16**	**35.50**	**197**	**8.21**	**7.9**	**0.008**	**0.007**
GEOM MEAN				**17.2**	**223**	**537**	**3.03**	**35.20**	**195**	**8.21**	**7.9**	**0.008**	**0.006**
MINIMUM				**3.0**	**5**	**400**	**0.77**	**28.50**	**147**	**8.00**	**7.6**	**0.004**	**0.004**
STD DEV (GEOM *)				**67.9**	**112**	**83**	**6.46**	**4.96**	**36**	**0.16**	**0.2**	**0.003**	**0.004**
# SAMPLES (IN STATISTICS)				**2**	**11**	**12**	**10**	**12**	**10**	**12**	**11**	**5**	**2**

(CONTD)

TEST-NAME: ZNUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 21 0930		.3	1	0.002
81 09 23 1500		.3	1	0.006
81 10 28 1015		.3	1	0.011
81 11 26 1430		.3	1	0.002
81 12 21 1545		.3	1	0.007
MAXIMUM				**0.011**
ARITH MEAN				**0.006**
GEOM MEAN				**0.005**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.004**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **ROUGE RIVER**
SAMPLE POINT: **AT TWIN RIVERS DRIVE SCARBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-011-02**
STORET CODE: **02 004 3880**

LAT: LONG: U T M: **17 0648000.0 4852275.0 4** REGION: **03** DISTANCE: **5.311**

TEST-NAME: SAMPLE FWSTRC TCMF TCMFBK FCMF FSMF FWTEMP DO BOD5 PPUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 30 .045		.3	1	32043	4	1200	3500	30I	120	0.0	12.8	2.6	0.023
81 02 24 1345		.3	1	32085	6	39000	210000	130	360	3.2	9.3	1.3	0.320
81 03 23 1725		.3	1	32103	8	20A	460	10<	10<	5.9	11.00	0.6	0.022
81 04 21 1645		.3	1	32152	8	50A	390	4<	4	11.0	9.00	1.0	0.022
81 05 25 1545		.3	1	32201	8	900A	72000	64	24	19.2	8.00	0.6	0.025
81 06 22 1645		.3	1	32250	8	28000A	320000	1350	1500>	20.1	6.50	2.6	0.369
81 07 29 1015		.3	1	32323	8	21000	170000	1180	9300	16.2	7.90	2.2	0.232
81 08 21 1000		.3	1	32360	8	1100	12900	80A	370	18.4	9.50	0.8	0.085
81 09 23 1530		.3	1	32390	8	1500	9500	80A	70A	14.9	10.50	0.2	0.028
81 10 28 1100		.3	1	32456	8 3	52000A	420000	940	4900	9.1	9.80	2.0	0.400
81 11 26 1500		.3	1	32516	8	1120A	11400	70A	30A	2.8	11.40	0.8	0.020
81 12 21 1640		.3	1	32553	4	580	940	30A	60A	0.0	14.10	0.6	0.009
MAXIMUM						**52000**	**420000**	**1350**	**9300**	**20.1**	**14.10**	**2.6**	**0.400**
ARITH MEAN						**12206**	**102591**	**396**	**1524**	**12.1**	**9.9**	**1.3**	**0.130**
GEOM MEAN						**1827**	**16016**	**148**	**156**	**9.9**	**9.7**	**1.0**	**0.058**
MINIMUM						**20**	**390**	**30**	**4**	**2.8**	**6.50**	**0.2**	**0.009**
STD DEV (GEOM *)						**12***	**13***	**4***	**11***	**6.6**	**2.1**	**0.8**	**0.154**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**10**	**10**	**12**	**12**	**12**

TEST-NAME: PPO4FR NNHTFR NNTKUR NNO2FR NNO3FR NNOTFR NNTIFR NNKUR NNKI RST

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 30 1045		.3	1	0.006	0.124	0.430	0.027	1.420		1.571	0.306	1.877	595.0
81 02 24 1345		.3	1	0.027	0.144	1.300	0.051	3.050		3.245	1.156	4.401	629.0
81 03 23 1725		.3	1	0.002	0.044	0.21	0.009	1.240	1.250	1.293	0.166	1.459	467
81 04 21 1645		.3	1	0.003		0.36	0.012	0.530	0.540			0.902	423
81 05 25 1545		.3	1	0.007	0.092	0.52	0.032	0.600	0.630	0.724	0.428	1.152	427
81 06 22 1645		.3	1	0.140	0.002<T	1.02	0.003	1.200	1.200	1.205	1.018	2.223	453
81 07 29 1015		.3	1	0.026	0.022	0.95	0.064	0.580	0.645	0.666	0.928	1.594	510
81 08 21 1000		.3	1	0.007	0.012	0.37	0.001<T	0.540	0.540	0.553	0.358	0.911	367
81 09 23 1530		.3	1	0.002	0.034	0.50	0.009	0.450	0.460	0.493	0.466	0.959	347
81 10 28 1100		.3	1	0.056	0.014	1.20	0.011	2.190	2.200	2.215	1.186	3.401	541
81 11 26 1500		.3	1	0.004	0.024	0.42	0.011	2.290	2.300	2.325	0.396	2.721	432
81 12 21 1640		.3	1	0.003	0.006	0.35	0.029	1.670	1.700	1.705	0.344	2.049	466
MAXIMUM				**0.140**	**0.144**	**1.300**	**0.064**	**3.050**	**2.300**	**3.245**	**1.186**	**4.401**	**629.0**
ARITH MEAN				**0.024**	**0.047<A**	**0.63**	**0.022<A**	**1.313**	**1.146**	**1.454**	**0.614**	**1.971**	**471**
GEOM MEAN				**0.009**	**0.025<A**	**0.54**	**0.013<A**	**1.076**	**0.965**	**1.223**	**0.512**	**1.733**	**464**
MINIMUM				**0.002**	**0.002**	**0.21**	**0.001**	**0.450**	**0.460**	**0.493**	**0.166**	**0.902**	**347**
STD DEV (GEOM *)				**0.040**	**0.050<A**	**0.37**	**0.020<A**	**0.847**	**0.706**	**0.872**	**0.377**	**1.085**	**84**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**10**	**11**	**11**	**12**	**12**

TEST-NAME: RSP RSF COND25 TURB CLIDUR ALKT PH FWPH CUUT PBUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 30 1045		.3	1	9.0	586.0	940.0		117.000		8.12	7.9		
81 02 24 1345		.3	1	244.0	385.0	600.0		64.000		8.08	7.8		
81 03 23 1725		.3	1	23		680	7.90	68.00	225	8.09	8.20		
81 04 21 1645		.3	1		416	680	2.10	82.00	188	8.23	8.30		
81 05 25 1545		.3	1		419	640	3.00	67.00	188	8.38	8.20		
81 06 22 1645		.3	1		276	440	78.00	39.00	153	7.83	8.00		
81 07 29 1015		.3	1		333	480	16.50	42.50	163	7.91			
81 08 21 1000		.3	1		359	600	1.94	52.50	192	8.37	7.90	0.009	0.005
81 09 23 1530		.3	1		330	600	2.10	60.00	186	8.15	8.10	0.040	0.006
81 10 28 1100		.3	1		326	550	153.00	37.00	209	8.14	7.70	0.013	0.007
81 11 26 1500		.3	1		413	700	10.50	55.00	254	8.16	8.00	0.004	0.003<
81 12 21 1640		.3	1		440	710	2.30	57.00	216	8.01	8.00	0.007	0.008
MAXIMUM				**244.0**	**586.0**	**940.0**	**153.00**	**117.000**	**254**	**8.38**	**8.30**	**0.040**	**0.008**
ARITH MEAN				**92**	**389**	**635**	**27.73**	**61.75**	**197**	**8.12**	**8.0**	**0.015**	**0.006**
GEOM MEAN				**37**	**382**	**623**	**7.91**	**58.76**	**195**	**8.12**	**8.0**	**0.011**	**0.006**
MINIMUM				**9.0**	**276**	**440**	**1.94**	**37.00**	**153**	**7.83**	**7.70**	**0.004**	**0.005**
STD DEV (GEOM *)				**131**	**82**	**127**	**49.75**	**21.72**	**30**	**0.16**	**0.1**	**0.015**	**0.001**
# SAMPLES (IN STATISTICS)				**3**	**11**	**12**	**10**	**12**	**10**	**12**	**11**	**5**	**4**

(CONTD)

B.O.W / SITE: **ROUGE RIVER**
SAMPLE POINT: **AT TWIN RIVERS DRIVE SCARBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-011-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0648000.0 4852275.0 4** REGION: **03** DISTANCE: **5.311**

TEST-NAME: *ZNUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 21 1000		.3	1	0.009
81 09 23 1530		.3	1	0.010
81 10 28 1100		.3	1	0.029
81 11 26 1500		.3	1	0.009
81 12 21 1640		.3	1	0.005
MAXIMUM				**0.029**
ARITH MEAN				**0.012**
GEOM MEAN				**0.010**
MINIMUM				**0.005**
STD DEV (GEOM *)				**0.009**
# SAMPLES (IN STATISTICS)				**5**

B.O.W / SITE: **ROUGE RIVER**
SAMPLE POINT: **AT SEWELL ROAD NORTH OF FINCH AVENUE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-012-02**
STORET CODE: **02 004 3880**

LAT: LONG: U.T.M: **17 0644725.0 4854100.0 4** REGION: **03** DISTANCE: **11.265**

TEST-NAME: *SAMPLE* *FWSTRC* *TCMF* *TCMFBK* *FCMF* *FSMF* *FWTEMP* *DO* *BOD5* *PPUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 30 1030		.3	1	32042	4	3300	2900	60I	50I	0.0	12.9	0.4	0.021
81 02 24 1330		.3	1	32084	6	35000	130000	160	420	3.1	9.6	1.1	0.220
81 03 23 1710		.3	1	32102	8	40A	120	10<	10<	5.9	11.10	0.6	0.015
81 04 21 1630		.3	1	32151	8	50A	1540	10A	10<	10.5	9.00	0.8	0.023
81 05 25 1530		.3	1	32200	8	100A	94000	48	24	19.3	8.00	0.8	0.034
81 06 22 1625		.3	1	32249	8	23000A	490000	1490	1500>	19.9	6.60	3.0	0.259
81 07 29 1000		.3	1	32322	8	22000	102000	840	4100	17.0	7.90	2.2	0.205
81 08 21 0945		.3	1	32359	8	1500	16800	90A	110	18.8	9.30	1.0	0.013
81 09 23 1515		.3	1	32389	8	900A	15000	40A	20<	14.9	10.10	0.6	0.030
81 10 28 1040		.3	1	32455	8 3	56000A	380000	1380	5700	9.0	9.40	2.0	0.240
81 11 26 1445		.3	1	32515	8	1400	27000	10A	520	3.0	11.60	0.4	0.035
81 12 21 1615		.3	1	32552	4	50A	700	4<	32	0.0	14.40	0.2<T	0.025
MAXIMUM						**56000**	**490000**	**1490**	**5700**	**19.9**	**14.40**	**3.0**	**0.259**
ARITH MEAN						**11945**	**105005**	**413**	**1369**	**12.1**	**9.9**	**1.1<A**	**0.093**
GEOM MEAN						**1410**	**17024**	**111**	**261**	**9.9**	**9.7**	**0.8<A**	**0.050**
MINIMUM						**40**	**120**	**10**	**24**	**3.0**	**6.60**	**0.2**	**0.013**
STD DEV (GEOM *)						**15***	**14***	**6***	**8***	**6.7**	**2.2**	**0.9<A**	**0.103**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**8**	**10**	**12**	**12**	**12**

TEST-NAME: *PPO4FR* *NNHTFR* *NNTKUR* *NNO2FR* *NNO3FR* *NNOTFR* *NNTIFR* *NNKUR* *NNKI* *RST*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 30 1030		.3	1	0.004	0.136	0.510	0.029	1.470		1.635	0.374	2.009	562.0
81 02 24 1330		.3	1	0.029	0.140	1.400	0.049	2.950		3.139	1.260	4.399	489.0
81 03 23 1710		.3	1		0.008	0.19					0.182		
81 04 21 1630		.3	1	0.001<W		0.45	0.001<W	0.160	0.160			0.611	429
81 05 25 1530		.3	1	0.010	0.074	0.61	0.089	0.680	0.770	0.843	0.536	1.379	387
81 06 22 1625		.3	1	0.041	0.002<T	1.10	0.005	1.200	1.200	1.207	1.098	2.305	447
81 07 29 1000		.3	1	0.025	0.016	0.92	0.055	0.565	0.620	0.636	0.904	1.540	446
81 08 21 0945		.3	1	0.011	0.006	0.21	0.001<T	0.860	0.860	0.867	0.204	1.071	361
81 09 23 1515		.3	1	0.003	0.050	0.58	0.009	0.640	0.650	0.699	0.530	1.229	352
81 10 28 1040		.3	1	0.049	0.026	1.00	0.038	1.960	2.000	2.024	0.974	2.998	485
81 11 26 1445		.3	1	0.004	0.014	0.38	0.009	2.490	2.500	2.513	0.366	2.879	419
81 12 21 1615		.3	1	0.003	0.006	0.42	0.028	1.870	1.900	1.904	0.414	2.318	398
MAXIMUM				**0.049**	**0.140**	**1.400**	**0.089**	**2.950**	**2.500**	**3.139**	**1.260**	**4.399**	**562.0**
ARITH MEAN				**0.016<A**	**0.043<A**	**0.64**	**0.028<A**	**1.350**	**1.184**	**1.547**	**0.622**	**2.067**	**434**
GEOM MEAN				**0.009<A**	**0.020<A**	**0.54**	**0.014<A**	**1.044**	**0.923**	**1.346**	**0.518**	**1.813**	**430**
MINIMUM				**0.001**	**0.002**	**0.19**	**0.001**	**0.160**	**0.160**	**0.636**	**0.182**	**0.611**	**352**
STD DEV (GEOM *)				**0.017<A**	**0.052<A**	**0.37**	**0.028<A**	**0.881**	**0.778**	**0.847**	**0.373**	**1.079**	**61**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**11**	**11**	**9**	**10**	**11**	**11**	**11**

TEST-NAME: *RSP* *RSF* *COND25* *TURB* *CLIDUR* *ALKT* *PH* *FWPH* *CUUT* *PBUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 30 1030		.3	1	7.0	555.0	900.0		113.000		8.09	7.9		
81 02 24 1330		.3	1	127.0	362.0	560.0		50.500		8.06	7.8		
81 03 23 1710		.3	1			640	7.20	59.00	214	8.11	8.20		
81 04 21 1630		.3	1		407	660	8.00	76.00	198	8.21	8.30		
81 05 25 1530		.3	1		373	600	2.50	61.00	184	8.32	8.10		
81 06 22 1625		.3	1		258	450	84.00	38.00	152	7.96	7.90		
81 07 29 1000		.3	1		320	460	12.50	40.00	163	7.90			
81 08 21 0945		.3	1		337	600	2.50	46.00	204	8.32	7.90	0.009	0.003<
81 09 23 1515		.3	1		328	600	1.95	47.50	201	8.13	8.10	0.026	0.005
81 10 28 1040		.3	1		345	560	104.00	35.50	199	8.18	7.70	0.014	0.006
81 11 26 1445		.3	1		402	700	10.60	48.00	255	8.20	8.10	0.003	0.003<
81 12 21 1615		.3	1		349	640	7.30	71.00	238	8.09	8.00	0.009	0.010
MAXIMUM				**127.0**	**555.0**	**900.0**	**104.00**	**113.000**	**255**	**8.32**	**8.30**	**0.026**	**0.010**
ARITH MEAN				**67.0**	**366**	**614**	**24.05**	**57.12**	**201**	**8.13**	**8.0**	**0.012**	**0.007**
GEOM MEAN				**29.8**	**360**	**604**	**9.49**	**54.09**	**199**	**8.13**	**8.0**	**0.010**	**0.007**
MINIMUM				**7.0**	**258**	**450**	**1.95**	**35.50**	**152**	**7.90**	**7.70**	**0.003**	**0.005**
STD DEV (GEOM *)				**84.9**	**74**	**116**	**37.33**	**21.65**	**31**	**0.13**	**0.1**	**0.009**	**0.003**
# SAMPLES (IN STATISTICS)				**2**	**11**	**12**	**10**	**12**	**10**	**12**	**11**	**5**	**3**

(CONTD)

TEST-NAME: ZNUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 21 0945		.3	1	0.004
81 09 23 1515		.3	1	0.007
81 10 28 1040		.3	1	0.022
81 11 26 1445		.3	1	0.006
81 12 21 1615		3	1	0.340
MAXIMUM				**0.340**
ARITH MEAN				**0.076**
GEOM MEAN				**0.017**
MINIMUM				**0.004**
STD DEV (GEOM *)				**0.148**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **LITTLE ROUGE CREEK**
SAMPLE POINT: **TWIN RIVERS DRIVE SCARBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-013-02**
STORET CODE: **02 004 3880**

LAT: LONG: U T M: **17 0648225.0 4852600.0 4** REGION: **03** DISTANCE: **4.184**

TEST-NAME: SAMPLE FWSTRC TCMF TCMFBK FCMF FSMF FWTEMP DO BOD5 PPUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 30 1100		.3	1	32044	4	240	1700	20I	30I	0.0	13.1	1.6	0.012
81 02 24 1400		.3	1	32086	6	19000	170000	60I	620	3.2	9.8	1.2	0.410
81 03 23 1745		.3	1	32104	8	10A	180	10<	10A	5.2	11.40	0.4	0.140
81 04 21 1700		.3	1	32153	8	20A	3000>	4	8	10.8	8.60	0.4	0.014
81 05 25 1600		.3	1	32202	8					19.9	8.00	1.0	0.012
81 06 22 1700		.3	1	32251	8	10000	61000	1350	1500>	20.8	7.10	0.8	0.044
81 07 29 1030		.3	1	32324	8	21000	180000	2040	4500	15.1	8.40	1.0	0.130
81 08 21 1015		.3	1	32361	8	2300	8300	10A	50A	18.9	9.50	1.0	0.084
81 09 23 1600		.3	1	32391	8	280	3200	40A	60A	15.0	9.20	0.2<T	0.047
81 10 28 1115		.3	1	32457	8 3	39000A	300000	3800	8000	9.0	10.10	2.0	0.275
81 11 26 1515		.3	1	32517	8	460	4800	30A	10A	2.0	11.60	0.2<T	0.013
81 12 21 1715		.3	1	32554	4	10A	100	4<	8	0.0	13.80	0.2<T	0.015
MAXIMUM						**39000**	**300000**	**3800**	**8000**	**20.8**	**13.80**	**2.0**	**0.410**
ARITH MEAN						**8393**	**72928**	**817**	**1330**	**12.0**	**10.0**	**0.8<A**	**0.100**
GEOM MEAN						**707**	**8589**	**95**	**81**	**9.5**	**9.8**	**0.6<A**	**0.048**
MINIMUM						**10**	**100**	**4**	**8**	**2.0**	**7.10**	**0.2**	**0.012**
STD DEV (GEOM *)						**23***	**17***	**12***	**14***	**7.0**	**2.0**	**0.6<A**	**0.125**
# SAMPLES (IN STATISTICS)						**11**	**10**	**9**	**10**	**10**	**12**	**12**	**12**

TEST-NAME: PPO4FR NNHTFR NNTKUR NNO2FR NNO3FR NNOTFR NNTIFR NNKUR NNKI RST

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 30 1100		.3	1	0.004	0.054	0.340	0.012	1.740		1.806	0.286	2.092	446.0
81 02 24 1400		.3	1	0.039	0.132	2.300	0.051	4.250		4.433	2.168	6.601	568.0
81 03 23 1745		.3	1	0.047	0.012	0.19	0.007	1.640	1.650	1.659	0.178	1.837	427
81 04 21 1700		.3	1	0.001<W		0.36	0.008	1.140	1.150			1.508	386
81 05 25 1600		.3	1	0.001	0.046	0.36	0.010	0.480	0.490	0.536	0.314	0.850	330
81 06 22 1700		.3	1	0.004	0.002<T	0.54	0.014	0.735	0.750	0.751	0.538	1.289	376
81 07 29 1030		.3	1	0.008	0.016	0.60	0.009	0.135	0.145	0.160	0.584	0.744	440
81 08 21 1015		.3	1	0.002	0.070	0.40	0.007	0.075	0.080	0.152	0.330	0.482	293
81 09 23 1600		.3	1	0.041	0.010	0.40	0.003	0.695	0.700	0.708	0.390	1.098	309
81 10 28 1115		.3	1	0.058	0.006	1.28	0.039	3.760	0.040	3.805	1.274	5.079	516
81 11 26 1515		.3	1	0.001	0.004	0.46	0.007	3.990	4.000	4.001	0.456	4.457	400
81 12 21 1715		.3	1	0.002	0.016	0.48	0.004	3.200	3.200	3.220	0.464	3.684	418
MAXIMUM				**0.058**	**0.132**	**2.300**	**0.051**	**4.250**	**4.000**	**4.433**	**2.168**	**6.601**	**568.0**
ARITH MEAN				**0.017<A**	**0.033<A**	**0.64**	**0.014**	**1.820**	**1.220**	**1.930**	**0.635**	**2.477**	**409**
GEOM MEAN				**0.006<A**	**0.017<A**	**0.50**	**0.010**	**1.042**	**0.557**	**1.147**	**0.488**	**1.826**	**402**
MINIMUM				**0.001**	**0.002**	**0.19**	**0.003**	**0.075**	**0.040**	**0.152**	**0.178**	**0.482**	**293**
STD DEV (GEOM *)				**0.022<A**	**0.040<A**	**0.58**	**0.015**	**1.564**	**1.363**	**1.641**	**0.585**	**1.991**	**80**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**10**	**11**	**11**	**12**	**12**

TEST-NAME: RSP RSF COND25 TURB CLIDUR ALKT PH FWPH CUUT PBUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 30 1100		.3	1	4.0		680.0	3.80	41.000		8.20	7.9		
81 02 24 1400		.3	1	214.0		540.0	76.00	35.000		8.16	7.8		
81 03 23 1745		.3	1	36		580	23.00	39.50	221	8.32	8.20		
81 04 21 1700		.3	1		375	610	5.30	51.00	190	8.33	8.20		
81 05 25 1600		.3	1		326	496	3.00		161	8.55	8.30		
81 06 22 1700		.3	1			540	14.00	51.50	172	8.50	8.10		
81 07 29 1030		.3	1		308	440	14.90	38.50	166	8.14			
81 08 21 1015		.3	1		287	470	1.47	45.50	134	8.35	8.00	0.007	0.004
81 09 23 1600		.3	1		307	530	1.32	41.00	188	8.40	8.10	0.018	0.003<
81 10 28 1115		.3	1		389	580	39.00	34.00	218	8.22	7.80	0.009	0.004
81 11 26 1515		.3	1		386	660	5.80	43.50	243	8.11	8.10	0.005	0.003<
81 12 21 1715		.3	1		390	660	2.80	42.50	240	8.03	7.90		
MAXIMUM				**214.0**	**390**	**680.0**	**76.00**	**51.50**	**243**	**8.55**	**8.30**	**0.018**	**0.004**
ARITH MEAN				**84**	**346**	**565**	**15.87**	**42.09**	**193**	**8.28**	**8.0**	**0.010**	**0.004**
GEOM MEAN				**31**	**344**	**560**	**7.40**	**41.75**	**190**	**8.27**	**8.0**	**0.009**	**0.004**
MINIMUM				**4.0**	**287**	**440**	**1.32**	**34.00**	**134**	**8.03**	**7.8**	**0.005**	**0.004**
STD DEV (GEOM *)				**113**	**43**	**77**	**21.99**	**5.65**	**36**	**0.16**	**0.1**	**0.006**	**0.000**
# SAMPLES (IN STATISTICS)				**3**	**8**	**12**	**12**	**11**	**10**	**12**	**11**	**4**	**2**

(CONTD)

B.O.W./ SITE: **LITTLE ROUGE CREEK**
SAMPLE POINT: **TWIN RIVERS DRIVE SCARBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **ROUGE RIVER**

STATION ID: **06-0097-013-02**
STORET CODE: **02 004 3880**

LAT: LONG: U T M: **17 0648225.0 4852600.0 4** REGION: **03** DISTANCE: **4.184**

TEST-NAME: *ZNUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 08 21 1015		.3	1	0.019
81 09 23 1600		.3	1	0.008
81 10 28 1115		.3	1	0.012
81 11 26 1515		.3	1	0.011
MAXIMUM				**0.019**
ARITH MEAN				**0.012**
GEOM MEAN				**0.012**
MINIMUM				**0.008**
STD DEV (GEOM *)				**0.005**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **DUFFINS CREEK**
SAMPLE POINT: **BASELINE ROAD, 1 MILE WEST OF AJAX**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-001-02**
STORET CODE: **02 004 3770**

LAT: LONG: U T M: **17 0657550.0 4855625.0 4** REGION: **03** DISTANCE: **3.058**

TEST-NAME: *SAMPLE* *FWSTRC* *FWFLOW* *TCMF* *TCMFBK* *FCMF* *FSMF* *FWTEMP* *DO* *BOD5*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1015		.3	1	32000	4		280	820	10I	30I	0.0	12.8	0.4
81 02 09 1200		.3	1	32045	4		310	1300	12	104	0.0	12.4	0.5
81 03 23 1230		.3	1	32089	8		360	880	10<	10A	4.6	12.80	0.6
81 04 21 1145		.3	1	32138	8		120A	1940	10<	10A	5.2	10.20	0.4
81 05 25 1050		.3	1	32187	8	1.400	1800	14000	72	32	15.5	8.60	0.6
81 06 22 1130		.3	1	32236	8	2.600	11000A	95000	2600	3700	18.0	6.90	1.0
81 07 28 1200		.3	1	32309	8	1.680	8000A	530000	720	3900	17.9	8.40	1.0
81 08 21 1120		.3	1	32364	8	1.340	1100	8400	190	60A	18.7	9.30	0.6
81 09 23 1120		.3	1	32376	8	1.930	120	1200	190	140	10.6	10.10	0.2<T
81 10 28 1230		.3	1	32460	8 3	14.000	10600A	54000	860	4200	9.3	10.10	1.2
81 11 26 1000		.3	1	32502	8	2.720	1000	4900	20A	180	1.0	11.60	0.4
81 12 21 1140		.3	1	32539	4	1.420	40A	200	8	4	0.0	14.20	0.2<T
MAXIMUM						**14.000**	**11000**	**530000**	**2600**	**4200**	**18.7**	**14.20**	**1.2**
ARITH MEAN						**3.386**	**2894**	**59387**	**468**	**1031**	**11.2**	**10.6**	**0.6<A**
GEOM MEAN						**2.325**	**753**	**5448**	**98**	**111**	**8.5**	**10.4**	**0.5<A**
MINIMUM						**1.340**	**40**	**200**	**8**	**4**	**1.0**	**6.90**	**0.2**
STD DEV (GEOM *)						**4.322**	**6***	**10***	**8***	**11***	**6.6**	**2.1**	**0.3<A**
# SAMPLES (IN STATISTICS)						**8**	**12**	**12**	**10**	**12**	**9**	**12**	**12**

TEST-NAME: *PPUT* *PPO4FR* *NNHTFR* *NNTKUR* *NNO2FR* *NNO3FR* *NNOTFR* *NNTIFR* *NNKUR* *NNKI*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 01 20 1015		.3	1	0.038	0.009	0.194	0.300	0.013	1.090		1.297	0.106	1.403
81 02 09 1200		.3	1	0.028	0.006	0.238	0.380	0.011	1.040		1.289	0.142	1.431
81 03 23 1230		.3	1	0.050	0.009	0.064	0.25	0.012	1.040	1.050	1.116	0.186	1.302
81 04 21 1145		.3	1	0.021	0.002	0.020	0.28	0.007	0.695	0.700	0.722	0.260	0.982
81 05 25 1050		.3	1	0.021	0.004	0.066	0.33	0.016	0.275	0.290	0.357	0.264	0.621
81 06 22 1130		.3	1	0.064	0.014	0.002<T	0.46	0.001	0.595	0.595	0.598	0.458	1.056
81 07 28 1200		.3	1	0.048	0.002	0.016	0.40	0.010	0.315	0.325	0.341	0.384	0.725
81 08 21 1120		.3	1	0.011	0.004	0.006	0.25	0.001	0.310	0.310	0.317	0.244	0.561
81 09 23 1120		.3	1	0.036	0.002	0.016	0.34	0.005	0.535	0.540	0.556	0.324	0.880
81 10 28 1230		.3	1	0.260	0.033	0.006	1.02	0.010	2.240	2.250	2.256	1.014	3.270
81 11 26 1000		.3	1	0.035	0.006	0.010	0.28	0.004	1.650	1.650	1.664	0.270	1.934
81 12 21 1140		.3	1	0.020	0.004	0.004	0.27	0.025	1.340	1.350	1.369	0.266	1.635
MAXIMUM				**0.260**	**0.033**	**0.238**	**1.02**	**0.025**	**2.240**	**2.250**	**2.256**	**1.014**	**3.270**
ARITH MEAN				**0.053**	**0.008**	**0.053<A**	**0.38**	**0.010**	**0.927**	**0.906**	**0.990**	**0.326**	**1.317**
GEOM MEAN				**0.036**	**0.005**	**0.019<A**	**0.34**	**0.007**	**0.756**	**0.714**	**0.817**	**0.276**	**1.165**
MINIMUM				**0.011**	**0.002**	**0.002**	**0.25**	**0.001**	**0.275**	**0.290**	**0.317**	**0.106**	**0.561**
STD DEV (GEOM *)				**0.067**	**0.009**	**0.079<A**	**0.21**	**0.007**	**0.601**	**0.660**	**0.610**	**0.237**	**0.744**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

TEST-NAME: *RST* *RSP* *RSF* *COND25* *TURB* *CLIDUR* *ALKT* *PH* *FWPH* *CUUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
81 01 20 1015		.3	1	357.0	20.0	337.0	560.0	7.40	21.500			7.6	
81 02 09 1200		.3	1	388.0	20.0	368.0	540.0		22.000		7.96	7.8	
81 03 23 1230		.3	1	383		331	520	32.00	22.00	222	8.18	8.00	
81 04 21 1145		.3	1	325		317	540	5.00	5.00	223	8.35	8.10	
81 05 25 1050		.3	1	339		331	465	2.50	19.50	188	8.36	7.90	
81 06 22 1130		.3	1	256		225	430	10.00	20.50	178	8.17	7.90	
81 07 28 1200		.3	1	280		256	440	2.50	21.00	174	8.09	7.80	
81 08 21 1120		.3	1	276		267	460	2.20	16.50	197	8.32	7.90	0.007
81 09 23 1120		.3	1	288		279	500	2.30	20.50	214	8.28	8.00	0.009
81 10 28 1230		.3	1	469		323	550	44.00	23.00	233	8.26	7.80	0.011
81 11 26 1000		.3	1	325		314	570	12.20	24.50	251	8.31	7.80	0.007
81 12 21 1140		.3	1	326		302	560	8.40	21.50	252	8.25	7.70	0.023
MAXIMUM				**469**	**20.0**	**368.0**	**570**	**44.00**	**24.50**	**252**	**8.36**	**8.10**	**0.023**
ARITH MEAN				**334**	**20.0**	**304**	**511**	**11.68**	**19.79**	**213**	**8.23**	**7.8**	**0.011**
GEOM MEAN				**329**	**20.0**	**301**	**508**	**6.90**	**18.66**	**211**	**8.23**	**7.8**	**0.010**
MINIMUM				**256**	**20.0**	**225**	**430**	**2.20**	**5.00**	**174**	**7.96**	**7.6**	**0.007**
STD DEV (GEOM *)				**59**	**0.0**	**40**	**50**	**13.71**	**5.04**	**28**	**0.12**	**0.1**	**0.007**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**11**	**12**	**10**	**11**	**12**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			PBUT	ZNUT
81 08 21 1120		3	1	0.003<	0.010
81 09 23 1120		3	1	0.005	0.003
81 10 28 1230		3	1	0.005	0.012
81 11 26 1000		3	1	0.004	0.008
81 12 21 1140		3	1	0.008	0.012
	MAXIMUM			**0.008**	**0.012**
	ARITH MEAN			**0.005**	**0.009**
	GEOM MEAN			**0.005**	**0.008**
	MINIMUM			**0.004**	**0.003**
	STD DEV (GEOM *)			**0.002**	**0.004**
	# SAMPLES (IN STATISTICS)			**4**	**5**

B.O.W / SITE: **DUFFINS CREEK**
SAMPLE POINT: **DOWNSTREAM FROM AJAX STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-003-02**
STORET CODE: **02 004 3770**

LAT: LONG: U T M: **17 0657600.0 4854750.0 4** REGION: **03** DISTANCE: **2.736**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 03 23 1210		3	1	32088	8	120A	6000>	10<	10A	5.0	13.20	0.6	0.108
81 04 21 1115		3	1	32137	8	160A	1560	10<	20A	5.0	9.80	0.8	0.019
81 05 25 1030		3	1	32186	8	560A	8800	132	56	16.0	8.40	0.8	0.024
81 06 22 1115		3	1	32235	8	29000A	400000	2400	5900	18.2	6.20	1.4	0.082
81 07 28 1130		3	1	32308	8	2900A	100000	240	1220	18.8	8.20	0.6	0.030
81 08 21 1100		3	1	32363	8	2300	11900	390	190	18.0	8.50	0.6	0.130
81 09 23 1100		3	1	32375	8	1300	4700	220	230	10.1	9.90	0.2<T	0.011
81 10 28 1200		3	1	32459	8 3	20000	170000	1100	5700	9.0	10.20	1.4	0.280
81 11 26 0945		3	1	32501	8	1600	7000	90A	90A	1.0	11.60	0.2<T	0.030
81 12 21 1115		3	1	32538	4	160A	840	20A	10<	0.0	14.00	0.2<T	0.020
	MAXIMUM					**29000**	**400000**	**2400**	**5900**	**18.8**	**14.00**	**1.4**	**0.280**
	ARITH MEAN					**5810**	**78311**	**574**	**1491**	**11.2**	**10.00**	**0.7<A**	**0.073**
	GEOM MEAN					**1301**	**14630**	**245**	**230**	**8.5**	**9.74**	**0.5<A**	**0.044**
	MINIMUM					**120**	**840**	**20**	**10**	**1.0**	**6.20**	**0.2**	**0.011**
	STD DEV (GEOM *)					**7***	**8***	**4***	**10***	**6.7**	**2.39**	**0.4<A**	**0.084**
	# SAMPLES (IN STATISTICS)					**10**	**9**	**8**	**9**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 03 23 1210		3	1	0.008	0.068	0.28	0.012	0.990	1.000	1.070	0.212	1.282	411
81 04 21 1115		3	1	0.003	0.026	0.31	0.008	0.660	0.670	0.694	0.284	0.978	323
81 05 25 1030		3	1	0.003	0.062	0.34	0.016	0.275	0.290	0.353	0.278	0.631	317
81 06 22 1115		3	1	0.017	0.002<T	0.51	0.001	0.575	0.575	0.578	0.508	1.086	284
81 07 28 1130		3	1	0.002	0.018	0.28	0.003	0.170	0.175	0.191	0.262	0.453	259
81 08 21 1100		3	1	0.103	0.006	0.30	0.001<T	0.305	0.305	0.312	0.294	0.606	274
81 09 23 1100		3	1	0.003	0.014	0.13	0.009	0.570	0.580	0.593	0.116	0.709	291
81 10 28 1200		3	1	0.034	0.006	1.08	0.008	2.290	2.300	2.304	1.074	3.378	520
81 11 26 0945		3	1	0.008	0.014	0.32	0.007	1.640	1.650	1.661	0.306	1.967	350
81 12 21 1115		3	1	0.004	0.004	0.35	0.035	1.280	1.300	1.319	0.346	1.665	330
	MAXIMUM			**0.103**	**0.068**	**1.08**	**0.035**	**2.290**	**2.300**	**2.304**	**1.074**	**3.378**	**520**
	ARITH MEAN			**0.018**	**0.022<A**	**0.39**	**0.010<A**	**0.875**	**0.884**	**0.907**	**0.368**	**1.275**	**336**
	GEOM MEAN			**0.008**	**0.013<A**	**0.34**	**0.006<A**	**0.656**	**0.666**	**0.697**	**0.312**	**1.063**	**329**
	MINIMUM			**0.002**	**0.002**	**0.13**	**0.001**	**0.170**	**0.175**	**0.191**	**0.116**	**0.453**	**259**
	STD DEV (GEOM *)			**0.031**	**0.024<A**	**0.26**	**0.010<A**	**0.681**	**0.683**	**0.678**	**0.267**	**0.884**	**78**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	CUUT	PBUT	ZNUT
81 03 23 1210		3	1	325	520	26.00	22.50	218	8.12	8.00			
81 04 21 1115		3	1	316	540	4.70	25.00	221	6.18	8.20			
81 05 25 1030		3	1	303	460	2.50	19.50	185	8.32	7.90			
81 06 22 1115		3	1	254	390	16.00	21.00	156	7.99	7.80			
81 07 28 1130		3	1	247	390	2.50	14.50	166	8.12	7.80			
81 08 21 1100		3	1	261	440	2.50	17.50	186	8.31	7.70	0.006	0.005	0.022
81 09 23 1100		3	1	285	500	4.20	21.50	209	8.20	8.00	0.010	0.004	0.001<W
81 10 28 1200		3	1	327	550	38.00	23.50	228	8.20	7.70	0.026	0.004	0.026
81 11 26 0945		3	1	336	590	6.90	23.00	253	8.32	7.80	0.006	0.003<	0.006
81 12 21 1115		3	1	315	580	7.00	22.00	205	8.20	7.70	0.015	0.003<	0.014
	MAXIMUM			**336**	**590**	**38.00**	**25.00**	**253**	**8.32**	**8.20**	**0.026**	**0.005**	**0.026**
	ARITH MEAN			**297**	**496**	**11.03**	**21.00**	**203**	**8.00**	**7.86**	**0.013**	**0.004**	**0.014<A**
	GEOM MEAN			**295**	**491**	**6.87**	**20.77**	**201**	**7.97**	**7.86**	**0.011**	**0.004**	**0.009<A**
	MINIMUM			**247**	**390**	**2.50**	**14.50**	**156**	**6.18**	**7.70**	**0.006**	**0.004**	**0.001**
	STD DEV (GEOM *)			**33**	**73**	**12.09**	**3.10**	**30**	**0.65**	**0.16**	**0.008**	**0.001**	**0.010<A**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**5**	**3**	**5**

B.O.W./ SITE: **DUFFINS CREEK**
SAMPLE POINT: **HIGHWAY 2, PICKERING**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-005-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0655740.0 4857200.0 4** REGION: **03** DISTANCE: **5.793**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 20 1045		.3	1	32001	4	280	1220	10<	10<	0.0	12.7	0.2	0.029
81 02 09 1230		.3	1	32046	4	270	950	12	84	0.0	12.4	0.5	0.028
81 03 23 1250		.3	1	32090	8	40A	140A	10<	10A	5.0	12.60	0.6	0.058
81 04 21 1200		.3	1	32139	8	40A	190	10<	10<	6.5	10.00	0.6	0.017
81 05 25 1110		.3	1	32188	8	1000A	8800	68	24	15.2	8.30	1.0	0.019
81 06 22 1145		.3	1	32237	8	15000	114000	2500	4100	18.1	6.60	1.4	0.174
81 07 28 1215		.3	1	32310	8	16000	190000	1260	2000	17.5	8.60	0.8	0.045
81 08 21 1140		.3	1	32365	8	1400	6300	60A	110	18.8	9.60	0.4	0.013
81 09 23 1135		.3	1	32377	8	60A	1300	20A	60A	10.5	10.40	0.2<T	0.017
81 10 28 1300		.3	1	32461	8 3	13000	120000	620	2060	9.5	10.00	1.0	0.208
81 11 26 1015		.3	1	32503	8	4900	15000	90A	590	1.2	11.60	0.2<T	0.025
81 12 21 1200		.3	1	32540	4	30A	240	8	4<	0.0	14.00	0.4	0.018
MAXIMUM						**16000**	**190000**	**2500**	**4100**	**18.8**	**14.00**	**1.4**	**0.208**
ARITH MEAN						**4335**	**38178**	**515**	**1004**	**11.4**	**10.5**	**0.6<A**	**0.054**
GEOM MEAN						**639**	**4072**	**104**	**222**	**8.9**	**10.3**	**0.5<A**	**0.034**
MINIMUM						**30**	**140**	**8**	**10**	**1.2**	**6.60**	**0.2**	**0.013**
STD DEV (GEOM *)						**12***	**13***	**8***	**9***	**6.4**	**2.1**	**0.4<A**	**0.066**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**9**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 1045		.3	1	0.005	0.176	0.370	0.012	1.090		1.278	0.194	1.472	355.0
81 02 09 1230		.3	1	0.008	0.224	0.400	0.012	1.040		1.276	0.176	1.452	322.0
81 03 23 1250		.3	1	0.009	0.054	0.20					0.146		367
81 04 21 1200		.3	1	0.002	0.008	0.26	0.008	0.700	0.710	0.716	0.252	0.968	312
81 05 25 1110		.3	1	0.002	0.038	0.30	0.011	0.320	0.330	0.369	0.262	0.631	345
81 06 22 1145		.3	1	0.018	0.002<T	0.67	0.002	0.670	0.670	0.674	0.668	1.342	421
81 07 28 1215		.3	1	0.001<T	0.018	0.28	0.006	0.320	0.325	0.344	0.262	0.606	276
81 08 21 1140		.3	1	0.005	0.018	0.23	0.010	0.310	0.320	0.338	0.212	0.550	275
81 09 23 1135		.3	1	0.001	0.004	0.29	0.003	0.530	0.535	0.537	0.286	0.823	284
81 10 28 1300		.3	1	0.029	0.006	0.88	0.013	2.240	2.250	2.259	0.874	3.133	474
81 11 26 1015		.3	1	0.006	0.014	0.31	0.005	1.540	1.550	1.559	0.296	1.855	339
81 12 21 1200		.3	1	0.003	0.004	0.22	0.024	1.280	1.300	1.308	0.216	1.524	341
MAXIMUM				**0.029**	**0.224**	**0.88**	**0.024**	**2.240**	**2.250**	**2.259**	**0.874**	**3.133**	**474**
ARITH MEAN				**0.007<A**	**0.047<A**	**0.36**	**0.010**	**0.913**	**0.888**	**0.969**	**0.320**	**1.305**	**342**
GEOM MEAN				**0.004<A**	**0.017<A**	**0.33**	**0.008**	**0.745**	**0.699**	**0.798**	**0.276**	**1.141**	**338**
MINIMUM				**0.001**	**0.002**	**0.20**	**0.002**	**0.310**	**0.320**	**0.338**	**0.146**	**0.550**	**275**
STD DEV (GEOM *)				**0.008<A**	**0.074<A**	**0.20**	**0.006**	**0.605**	**0.672**	**0.617**	**0.220**	**0.748**	**58**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 20 1045		.3	1	15.0	340.0	520.0	7.20	17.000			7.7		
81 02 09 1230		.3	1	18.0	304.0	520.0		16.500		7.99	7.8		
81 03 23 1250		.3	1	53		500	28.00	18.00	219	8.23	8.00		
81 04 21 1200		.3	1		302	520	5.20	24.50	219	8.39	8.20		
81 05 25 1110		.3	1		339	480	2.50	17.50	189	8.42	8.00		
81 06 22 1145		.3	1		266	440	27.00	16.50	193	8.20	8.00		
81 07 28 1215		.3	1		254	390	1.68	12.50	175	8.26	7.90		
81 08 21 1140		.3	1		266	450	2.20	15.50	197	8.45	7.90	0.007	0.004
81 09 23 1135		.3	1		279	490	3.40	17.50	218	8.35	8.00	0.005	0.003<
81 10 28 1300		.3	1		321	540	26.00	21.00	232	8.31	7.80	0.011	0.003
81 11 26 1015		.3	1		321	560	5.30	21.00	251	8.37	7.90	0.024	0.006
81 12 21 1200		.3	1		313	560	10.70	18.00	242	8.25	7.70	0.014	0.005
MAXIMUM				**53**	**340.0**	**560**	**28.00**	**24.50**	**251**	**8.45**	**8.20**	**0.024**	**0.006**
ARITH MEAN				**28**	**300**	**497**	**10.83**	**17.95**	**213**	**8.29**	**7.9**	**0.012**	**0.004**
GEOM MEAN				**24**	**299**	**495**	**6.74**	**17.72**	**212**	**8.29**	**7.9**	**0.011**	**0.004**
MINIMUM				**15.0**	**254**	**390**	**1.68**	**12.50**	**175**	**7.99**	**7.7**	**0.005**	**0.003**
STD DEV (GEOM *)				**21**	**30**	**51**	**10.70**	**3.05**	**25**	**0.13**	**0.1**	**0.007**	**0.001**
# SAMPLES (IN STATISTICS)				**3**	**11**	**12**	**11**	**12**	**10**	**11**	**12**	**5**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 08 21 1140		.3	1	0.040
81 09 23 1135		.3	1	0.003
81 10 28 1300		.3	1	0.015
81 11 26 1015		.3	1	0.009
81 12 21 1200		.3	1	0.008
MAXIMUM				**0.040**
ARITH MEAN				**0.015**
GEOM MEAN				**0.011**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.015**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **STOUFFVILLE CREEK**
SAMPLE POINT: **DOWNSTREAM FROM STOUFFVILLE STP.**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC035**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-011-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0641000.0 4869475.0 4** REGION: **03** DISTANCE: **27.680**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1330		.3	1	32007	6	0.088	60000	130000	220	580	1.0	11.1	9.5
81 02 09 1500		.3	1	32053	6	0.088	370000	700000	5300	1600	3.1	9.8	0.3
81 03 23 1545		.3	1	32098	8	0.097	33000	5700A	30A	190	7.5	11.40	6.6
81 04 21 1500		.3	1	32147	8	0.093	420000	9000000	510		11.1	9.60	6.4
81 05 25 1410		.3	1	32196	8	0.115	46000	105000	810	280	16.1	8.60	3.4
81 06 22 1500		.3	1	32245	8	0.282	2700000	3500000	43000	14000	18.0	5.60	1.8
81 07 28 1515		.3	1	32318	8	0.237	1450000A	3100000	85000	27000	16.9	5.90	4.0
81 08 21 1400		.3	1	32373	8	0.062	13000	44000	100A	100<	22.0	10.00	1.0
81 09 23 1415		.3	1	32385	8	0.085	22000	170000	560	60A	14.9	10.60	0.2<T
81 10 28 1700		.3	1	32469	8	0.489	140000	270000	4900	1500	9.2	7.80	3.8
81 11 26 1330		.3	1	32511	8	0.272	70000A	1800000	15000>	3800	4.0	8.70	3.8
81 12 21 1430		.3	1	32548	8	0.093	42000	130000	1000	500A	1.9	10.20	2.4
MAXIMUM						**0.489**	**2700000**	**9000000**	**85000**	**27000**	**22.0**	**11.40**	**9.5**
ARITH MEAN						**0.167**	**447167**	**1579558**	**12857**	**4951**	**10.5**	**9.1**	**3.6<A**
GEOM MEAN						**0.134**	**116915**	**341472**	**1275**	**1123**	**7.4**	**8.9**	**2.3<A**
MINIMUM						**0.062**	**13000**	**5700**	**30**	**60**	**1.0**	**5.60**	**0.2**
STD DEV (GEOM *)						**0.128**	**5***	**8***	**11***	**7***	**7.1**	**1.8**	**2.8<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 20 1330		.3	1	0.322	0.120	1.930	2.850	1.000	2.550		5.480	0.920	6.400
81 02 09 1500		.3	1	0.060	0.002	0.046	0.220	0.010	1.340		1.396	0.174	1.570
81 03 23 1545		.3	1	0.312	0.145	1.360	3.18	1.250	2.100	3.350	4.710	1.820	6.530
81 04 21 1500		.3	1	0.285		1.680	2.12	0.011				0.440	
81 05 25 1410		.3	1	0.390	0.360	0.036	1.60	0.100	9.300	9.400	9.436	1.564	11.000
81 06 22 1500		.3	1	0.518	0.230	0.002<T	3.65	0.010	4.890	4.900	4.902	3.648	8.550
81 07 28 1515		.3	1	0.504	0.270	0.006	1.20	0.004	3.100	3.100	3.110	1.194	4.304
81 08 21 1400		.3	1	0.140		0.008	0.63	0.001	5.750	5.750	5.759	0.622	6.381
81 09 23 1415		.3	1	0.252	0.190	0.056	0.62	0.088	4.380	4.470	4.524	0.564	5.088
81 10 28 1700		.3	1	0.225	0.150	0.006	0.88	0.007	3.890	3.900	3.903	0.874	4.777
81 11 26 1330		.3	1	0.275	0.230	0.062	0.62			3.850		0.558	4.470
81 12 21 1430		.3	1	0.342	0.200	0.008	0.88	0.002	6.550	6.550	6.560	0.872	7.432
MAXIMUM				**0.518**	**0.360**	**1.930**	**3.65**	**1.250**	**9.300**	**9.400**	**9.436**	**3.648**	**11.000**
ARITH MEAN				**0.302**	**0.190**	**0.433<A**	**1.53**	**0.226**	**4.385**	**5.030**	**4.978**	**1.104**	**6.046**
GEOM MEAN				**0.267**	**0.126**	**0.047<A**	**1.15**	**0.022**	**3.813**	**4.741**	**4.507**	**0.844**	**5.491**
MINIMUM				**0.060**	**0.002**	**0.002**	**0.220**	**0.001**	**1.340**	**3.100**	**1.396**	**0.174**	**1.570**
STD DEV (GEOM *)				**0.132**	**0.096**	**0.748<A**	**1.14**	**0.449**	**2.374**	**1.983**	**2.134**	**0.928**	**2.476**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**11**	**10**	**9**	**10**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 20 1330		.3	1	478.0	20.0	458.0	740.0	5.40	70.000			7.6	0.004
81 02 09 1500		.3	1	435.0	28.0	407.0	640.0		31.000		8.20		
81 03 23 1545		.3	1	494		482	760	2.80	86.00	225	8.11	8.10	
81 04 21 1500		.3	1	461		447	720	1.70	74.00	211	7.62	8.10	
81 05 25 1410		.3	1	454		438	760	3.00	60.00	182	7.94	7.90	
81 06 22 1500		.3	1	407		347	560	2.20	47.50	177	7.53	7.60	
81 07 28 1515		.3	1	304		256	430	5.10	60	102	7.32	7.11	
81 08 21 1400		.3	1	447		441	720	0.87	80.00	206	8.33	7.90	0.011
81 09 23 1415		.3	1	431		426	590	1.25	67.00	217	8.33	8.00	0.022
81 10 28 1700		.3	1	415		402	640	4.50	36.50	246	8.01	7.60	0.013
81 11 26 1330		.3	1	371		365	660	3.70	40.50	245	7.84	7.60	0.005
81 12 21 1430		.3	1	520		494	740	5.30	70.00	224	8.01	7.70	0.010
MAXIMUM				**520**	**28.0**	**494**	**760**	**5.40**	**86.00**	**246**	**8.33**	**8.10**	**0.022**
ARITH MEAN				**434**	**24.0**	**413**	**663**	**3.26**	**60**	**203**	**7.93**	**7.7**	**0.011**
GEOM MEAN				**430**	**23.7**	**408**	**655**	**2.80**	**57**	**198**	**7.92**	**7.7**	**0.009**
MINIMUM				**304**	**20.0**	**256**	**430**	**0.87**	**31.000**	**102**	**7.32**	**7.11**	**0.004**
STD DEV (GEOM *)				**57**	**5.7**	**65**	**99**	**1.66**	**17**	**42**	**0.33**	**0.2**	**0.006**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**11**	**12**	**10**	**11**	**11**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 20 1330		.3	1	0.004	0.003
81 08 21 1400		.3	1	0.004	0.016
81 09 23 1415		.3	1	0.006	0.010
81 10 28 1700		.3	1	0.006	0.016
81 11 26 1330		.3	1	0.003<	0.012
81 12 21 1430		.3	1	0.012	0.018
MAXIMUM				**0.012**	**0.018**
ARITH MEAN				**0.006**	**0.012**
GEOM MEAN				**0.006**	**0.011**
MINIMUM				**0.004**	**0.003**
STD DEV (GEOM *)				**0.003**	**0.006**
# SAMPLES (IN STATISTICS)				**5**	**6**

B.O.W. / SITE: **STOUFFVILLE CREEK**
SAMPLE POINT: **FIRST ROAD NORTH OF STOUFFVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-012-02**
STORET CODE: **02 004 3770**

LAT. LONG. U.T.M: **17 0640000.0 4871900.0 4** REGION **03** DISTANCE: **34.117**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1350		.3	1	32008	6	220	840	10<	10<	2.2	10.3	0.2	0.058
81 02 09 0900		.3	1	32052	6	140		4<		1.0	9.8	13.0	0.368
81 03 23 1515		.3	1	32097	8	490	2000	4<	4	6.1	11.30	0.4	0.016
81 04 21 1420		.3	1	32146	8	100	1500	4	12	9.4	8.00		0.046
81 05 25 1350		.3	1	32195	8	1500	24000	144	308	14.1	8.60		0.028
81 06 22 1430		.3	1	32244	8	34000A	460000	650	1500>	15.9	6.30		0.359
81 07 28 1450		.3	1	32317	8	23000	250000	6300	9100	13.9	8.20		0.085
81 08 21 1345		.3	1	32372	8	800A	1600	100	190	16.2	8.90		0.052
81 09 23 1345		.3	1	32384	8	2300	11000	20A	100	10.9	8.70		
81 10 28 1645		.3	1	32468	8	1700	13000	20A	160A	9.2	9.00		0.088
81 11 26 1300		.3	1	32510	8	240	4800	10A	10A	3.1	9.40		0.032
81 12 21 1400		.3	1	32547	8	30A	310	4<	4	2.3	10.80		0.025
MAXIMUM						**34000**	**460000**	**6300**	**9100**	**16.2**	**11.30**	**13.0**	**0.368**
ARITH MEAN						**5377**	**69914**	**906**	**1099**	**8.7**	**9.1**	**4.5**	**0.105**
GEOM MEAN						**765**	**7116**	**74**	**63**	**6.4**	**9.0**	**1.0**	**0.062**
MINIMUM						**30**	**310**	**4**	**4**	**1.0**	**6.30**	**0.2**	**0.016**
STD DEV (GEOM *)						**8***	**10***	**11***	**12***	**5.6**	**1.3**	**7.3**	**0.130**
# SAMPLES (IN STATISTICS)						**12**	**11**	**8**	**9**	**12**	**12**	**3**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K"DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1350		.3	1	0.006	0.054	0.280	0.005	0.260		0.319	0.226	0.545	340.0
81 02 09 0900		.3	1	0.061	0.014	4.440	0.300	2.600		2.914	4.426	7.340	525.0
81 03 23 1515		.3	1	0.005	0.012	0.17	0.003	0.345	0.350	0.360	0.158	0.518	328
81 04 21 1420		.3	1		0.036								
81 05 25 1350		.3	1		0.038								
81 06 22 1430		.3	1		0.012								
81 07 28 1450		.3	1		0.006								
81 08 21 1345		.3	1		0.006								
81 09 23 1345		.3	1	0.007			0.004	0.100	0.105				
81 10 28 1645		.3	1		0.012								
81 11 26 1300		.3	1		0.028								
81 12 21 1400		.3	1		0.006								
MAXIMUM				**0.061**	**0.054**	**4.440**	**0.300**	**2.600**	**0.350**	**2.914**	**4.426**	**7.340**	**525.0**
ARITH MEAN				**0.020**	**0.020**	**1.63**	**0.078**	**0.826**	**0.227**	**1.198**	**1.603**	**2.801**	**397**
GEOM MEAN				**0.011**	**0.015**	**0.59**	**0.012**	**0.391**	**0.192**	**0.694**	**0.541**	**1.275**	**388**
MINIMUM				**0.005**	**0.006**	**0.17**	**0.003**	**0.100**	**0.105**	**0.319**	**0.158**	**0.518**	**328**
STD DEV (GEOM *)				**0.028**	**0.016**	**2.43**	**0.148**	**1.187**	**0.173**	**1.487**	**2.445**	**3.931**	**110**
# SAMPLES (IN STATISTICS)				**4**	**11**	**3**	**4**	**4**	**2**	**3**	**3**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 20 1350		.3	1	34.0	306.0	520.0	7.20	10.500				7.6	
81 02 09 0900		.3	1	29.0	496.0	780.0	5.70	79.000			7.99	7.6	1.000<
81 03 23 1515		.3	1	17		490	3.40	13.50	33.5	219	8.10	7.90	1 <T
81 04 21 1420		.3	1	18		485	4.80			218	8.41	7.90	1 <T
81 05 25 1350		.3	1	5		480	2.80			214	8.22	7.90	1 <T
81 06 22 1430		.3	1	165		450	32.00			214	7.80	7.60	1 <T
81 07 28 1450		.3	1	38.0		440	2.40			207	7.85	7.50	
81 08 21 1345		.3	1	3.7		500	1.10		33.0	221	8.28	7.80	1 <T
81 09 23 1345		.3	1									7.80	
81 10 28 1645		.3	1	16.0		540	2.20		38.0	241	8.13	7.60	1 <T
81 11 26 1300		.3	1	11.9		540	4.50		37.0	243	8.24	7.50	1 <T
81 12 21 1400		.3	1	12.0		500	5.80		41.0	216	8.34	7.70	1 <T
MAXIMUM				**165**	**496.0**	**780.0**	**32.00**	**79.000**	**41.0**	**243**	**8.41**	**7.90**	**1**
ARITH MEAN				**31**	**401.0**	**520**	**6.54**	**34.33**	**36.5**	**221**	**8.14**	**7.7**	**1 <A**
GEOM MEAN				**18**	**389.6**	**514**	**4.29**	**22.37**	**36.4**	**221**	**8.13**	**7.7**	**1 <A**
MINIMUM				**3.7**	**306.0**	**440**	**1.10**	**10.500**	**33.0**	**207**	**7.80**	**7.50**	**1**
STD DEV (GEOM *)				**45**	**134.4**	**91**	**8.64**	**38.71**	**3.3**	**12**	**0.20**	**0.1**	**0 <A**
# SAMPLES (IN STATISTICS)				**11**	**2**	**11**	**11**	**3**	**5**	**9**	**10**	**12**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L
81 01 20 1350		.3	1									20<W	170
81 02 09 0900		.3	1		0.001<	0.001 <	0.004	0.003<	0.0002<	0.003<			
81 03 23 1515		.3	1	0.30	0.001<	0.002 <	0.007	0.003<	0.0008	0.004	0.010<	20<W	
81 04 21 1420		.3	1	0.47	0.001<	0.010	0.024	0.003<	0.0006	0.003	0.010<	20<W	
81 05 25 1350		.3	1	0.36	0.001<	0.002 <	0.001<	0.009	0.0002<	0.001<	0.010<	20<W	
81 06 22 1430		.3	1	7.00	0.001	0.0060	0.005	0.003<	0.0002<	0.011	0.010<	20<W	
81 07 28 1450		.3	1	1.64	0.001<	0.0030	0.013	0.012	0.0003	0.006	0.010<	20<W	
81 08 21 1345		.3	1	0.22	0.001<	0.0030	0.007	0.003<	0.0031	0.003	0.010<	20<W	
81 09 23 1345		.3	1	0.35			0.018					20<W	
81 10 28 1645		.3	1	0.45	0.001<	0.0020	0.004	0.003<	0.0002<	0.003	0.005<	20<W	
81 11 26 1300		.3	1	0.59	0.001<	0.0020<	0.010	0.003<	0.0004	0.007	0.005<T	20<W	
81 12 21 1400		.3	1	0.46	0.001<	0.003	0.016	0.007	0.0004	0.007	0.005<T	20<W	
MAXIMUM				**7.00**	**0.001**	**0.010**	**0.024**	**0.012**	**0.0031**	**0.011**	**0.005**		**170**
ARITH MEAN				**1.18**	**0.001**	**0.004**	**0.011**	**0.009**	**0.0009**	**0.005**	**0.005<A**		**170**
GEOM MEAN				**0.59**		**0.003**	**0.009**	**0.009**	**0.0006**	**0.005**	**0.005<A**		
MINIMUM				**0.22**	**0.001**	**0.0020**	**0.004**	**0.007**	**0.0003**	**0.003**	**0.005**		**170**
STD DEV (GEOM *)				**2.08**		**0.003**	**0.007**	**0.003**	**0.0011**	**0.003**	**0.000<A**		
# SAMPLES (IN STATISTICS)				**10**	**1**	**6**	**10**	**3**	**6**	**8**	**2**		**1**

(CONTD)

TEST-NAME: P3245T

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	2,4,5-T NG/L	
81 01 20 1350		.3	1	50	<W
81 03 23 1515		.3	1	50.000	<W
81 05 25 1350		.3	1	50.000	<W
81 06 22 1430		.3	1	50	<W
81 07 28 1450		.3	1	50	<W
81 08 21 1345		.3	1	50	<W
81 09 23 1345		.3	1	50	<W
81 10 28 1645		.3	1	50	<W
81 11 26 1300		.3	1	50	<W
81 12 21 1400		.3	1	50	<W
MAXIMUM				50	
ARITH MEAN				50	<A
GEOM MEAN				50	<A
MINIMUM				50	
STD DEV (GEOM *)				0	<A
# SAMPLES (IN STATISTICS)				10	

B.O.W./ SITE: **GANATESKIAGON CREEK**
SAMPLE POINT: **AT CONCESSION 4**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-022-02**
STORET CODE: **02 004 3770**

LAT | LONG: | U.T.M: **17 0652700.0 4860325.0 4** | REGION: **03** | DISTANCE: **10.782**

TEST-NAME: SAMPLE | FWSTRC | TCMF | TCMFBK | FCMF | FSMF | FWTEMP | DO | BOD5 | PPUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1200		.3	1	32004	6	280	2000	40I	30I	0.0	12.1	0.2<	0.019
81 02 09 1330		3	1	32049	6	110	580	8	24	0.0	10.9		0.018
81 03 23 1345		3	1	32093	8	340	1100	4<	12	5.2	11.80	0.4	0.020
81 04 21 1245		3	1	32142	8	20A	2300	4	96	6.3	9.00	0.4	0.013
81 05 25 1210		3	1	32191	8	2400	9000	44	156	12.6	8.80	0.6	0.060
81 06 22 1240		3	1	32240	8	34000	20000	370	1500>	15.8	7.50	0.6	0.032
81 08 21 1230		3	1	32368	8	800A	2400	10A	110	15.8	8.70	0.4	0.022
81 09 23 1220		3	1	32380	8	540	4800	10A	50A	10.9	9.20	0.2<T	0.021
81 10 28 1430		3	1	32464	8 3	2500	16000	380	420	8.8	10.00	0.4	0.068
81 11 26 1100		3	1	32506	8	320	5200	60A	10A	2.2	10.60	0.2<T	0.025
81 12 21 1245		3	1	32543	8	140A	820	70A	10A	1.0	12.20	0.2<T	0.020
MAXIMUM						**34000**	**20000**	**380**	**420**	**15.8**	**12.20**	**0.6**	**0.068**
ARITH MEAN						**3768**	**5836**	**100**	**92**	**8.7**	**10.0**	**0.4<A**	**0.029**
GEOM MEAN						**525**	**3242**	**36**	**44**	**6.5**	**9.9**	**0.3<A**	**0.025**
MINIMUM						**20**	**580**	**4**	**10**	**1.0**	**7.60**	**0.2**	**0.013**
STD DEV (GEOM *)						**7***	**3***	**5***	**4***	**5.5**	**1.5**	**0.2<A**	**0.018**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**10**	**9**	**11**	**9**	**11**

TEST-NAME: NNHTFR | NNTKUR | NNKUR | COND25 | TURB | CLIDUR | ALKT | PH | FWPH | PHNOL

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
81 01 20 1200		.3	1	0.066	0.190	0.124	520.0	2.10	11.000			7.9	
81 02 09 1330		.3	1	0.062			500.0				8.06	7.8	
81 03 23 1345		.3	1	0.046	0.19	0.144	490	2.00	10.00	226	8.21	7.90	
81 04 21 1245		.3	1	0.040	0.23	0.190	520	1.50	13.50	238	8.26	7.90	
81 05 25 1210		.3	1	0.020	0.32	0.300	485	3.00	10.00	226	8.32	7.80	
81 06 22 1240		.3	1	0.002<T	0.29	0.288	460	1.70	6.40	222	8.07	7.80	
81 08 21 1230		.3	1	0.004	0.15	0.146	500	1.06	11.50	236	8.24	7.60	1<T
81 09 23 1220		.3	1	0.024	0.22	0.196	520	1.19	11.50	245	8.07	7.70	1<T
81 10 28 1430		.3	1	0.022	0.68	0.658	560	2.90	18.00	243	8.35	8.00	1<T
81 11 26 1100		.3	1	0.036	0.33	0.294	520	1.50	14.00	258	8.36	7.90	1<T
81 12 21 1245		3	1	0.008	0.20	0.192	460	4.20	10.50	246	8.28	7.60	1<T
MAXIMUM				**0.066**	**0.68**	**0.658**	**560**	**4.20**	**18.00**	**258**	**8.36**	**8.00**	**1**
ARITH MEAN				**0.030<A**	**0.28**	**0.253**	**503**	**2.11**	**11.64**	**238**	**8.22**	**7.8**	**1<A**
GEOM MEAN				**0.020<A**	**0.25**	**0.224**	**502**	**1.94**	**11.27**	**238**	**8.22**	**7.8**	**1<A**
MINIMUM				**0.002**	**0.15**	**0.124**	**460**	**1.06**	**6.40**	**222**	**8.06**	**7.60**	**1**
STD DEV (GEOM *)				**0.022<A**	**0.15**	**0.156**	**29**	**0.98**	**3.05**	**12**	**0.12**	**0.1**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**10**	**10**	**11**	**10**	**10**	**9**	**10**	**11**	**5**

TEST-NAME: FEUT | ASUT | CUUT | PBUT | ZNUT | NIUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 23 1345		.3	1	0.17					
81 08 21 1230		.3	1	0.16	0.001<	0.005	0.003<	0.005	0.0020
81 09 23 1220		.3	1	0.14	0.001<	0.006	0.003<	0.004	0.0010
81 10 28 1430		.3	1	0.40	0.001<	0.019	0.008	0.006	0.0020
81 11 26 1100		.3	1	0.07	0.001<	0.007	0.003<	0.006	0.0020<
81 12 21 1245		.3	1	0.15	0.001<	0.072	0.004	0.007	0.003
MAXIMUM				**0.40**		**0.072**	**0.008**	**0.007**	**0.003**
ARITH MEAN				**0.18**		**0.022**	**0.006**	**0.006**	**0.002**
GEOM MEAN				**0.16**		**0.012**	**0.006**	**0.006**	**0.001**
MINIMUM				**0.07**		**0.005**	**0.004**	**0.004**	**0.0010**
STD DEV (GEOM *)				**0.11**		**0.029**	**0.003**	**0.001**	**0.000**
# SAMPLES (IN STATISTICS)				**6**		**5**	**2**	**5**	**4**

B.O.W./ SITE: **GANATESKIAGON CREEK**
SAMPLE POINT: **ON BROCK ROAD SOUTH OF CONCESSION 8**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC114**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-024-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0654245.0 4858200.0 4** REGION: **03** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1245		.3	1	32002	4		180I	940	20I	10I	0.0	13.5	0.2<
81 02 09 1245		.3	1	32047	4		90I	850	8	28	0.0	13.1	
81 03 23 1310		.3	1	32091	8	0.069	70A	340	4<	4	4.9	13.00	0.4
81 04 21 1215		.3	1	32140	8	0.081	80A	0	4<	8	6.1	9.80	0.4
81 05 25 1130		.3	1	32189	8	0.036	800A	5700	36	208	14.2	9.30	0.2
81 06 22 1200		.3	1	32238	8	0.089	13000	133000	4300	10700	17.3	8.30	0.8
81 07 28 1245		.3	1	32311	8	0.066	18000	110000	2580	4700	15.9	8.70	0.4
81 08 21 1200		.3	1	32366	8	0.030	1700	4400	100	40A	17.1	10.2	0.2
81 09 23 1150		.3	1	32378	8		1100	12000	90A	40A	11.0	10.20	0.2<T
81 10 28 1330		.3	1	32462	8 3		2200A	33000	120A	380	9.1	10.20	0.8
81 11 26 1030		.3	1	32504	8	0.117	440A	4700	10<	40A	2.0	11.40	0.2<T
81 12 21 1215		.3	1	32541	4		520	840	20A	10A	0.0	14.20	0.2<T
MAXIMUM						**0.117**	**18000**	**133000**	**4300**	**10700**	**17.3**	**14.20**	**0.8**
ARITH MEAN						**0.070**	**3182**	**27797**	**808**	**1347**	**10.8**	**10.9**	**0.4<A**
GEOM MEAN						**0.063**	**708**	**5556**	**104**	**73**	**9.0**	**10.8**	**0.3<A**
MINIMUM						**0.030**	**70**	**340**	**8**	**4**	**2.0**	**8.30**	**0.2**
STD DEV (GEOM *)						**0.030**	**6***	**8***	**9***	**12***	**5.7**	**2.0**	**0.2<A**
# SAMPLES (IN STATISTICS)						7	**12**	**11**	**9**	**12**	**9**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
81 01 20 1245		.3	1	0.028	0.056	0.120	0.064	520.0	6.40	13.000			7.8
81 02 09 1245		.3	1	0.016	0.042			520.0				8.09	7.8
81 03 23 1310		.3	1	0.024	0.004	0.20	0.196	500	3.20	15.50	223	8.31	8.10
81 04 21 1215		.3	1	0.009	0.002	0.22	0.218	540	1.50	20.50	236	8.32	8.10
81 05 25 1130		.3	1	0.009	0.028	0.20	0.172	490	2.50	16.50	217	8.36	8.10
81 06 22 1200		.3	1	0.072	0.002<T	0.46	0.458	520	5.60	31.00	214	8.22	8.00
81 07 28 1245		.3	1	0.035	0.014	0.22	0.206	440	1.62	10.00	211	8.20	7.90
81 08 21 1200		.3	1	0.014	0.004	0.20	0.196	465	1.34	13.00	219	8.27	7.90
81 09 23 1150		.3	1	0.008	0.004	0.20	0.196	500	0.97	15.50	233	8.30	8.00
81 10 28 1330		.3	1	0.072	0.010	0.68	0.670	570	4.40	20.00	246	8.31	8.00
81 11 26 1030		.3	1	0.012	0.018	0.27	0.252	540	1.57	21.00	260	8.27	7.90
81 12 21 1215		.3	1	0.010	0.004	0.18	0.176	530	2.60	16.00	199	8.25	7.80
MAXIMUM				**0.072**	**0.056**	**0.68**	**0.670**	**570**	**6.40**	**31.00**	**260**	**8.36**	**8.10**
ARITH MEAN				**0.026**	**0.016<A**	**0.26**	**0.255**	**511**	**2.88**	**17.45**	**226**	**8.26**	**7.9**
GEOM MEAN				**0.019**	**0.009<A**	**0.23**	**0.217**	**510**	**2.41**	**16.72**	**225**	**8.26**	**7.9**
MINIMUM				**0.008**	**0.002**	**0.120**	**0.064**	**440**	**0.97**	**10.00**	**199**	**8.09**	**7.8**
STD DEV (GEOM *)				**0.023**	**0.018<A**	**0.16**	**0.167**	**35**	**1.83**	**5.63**	**18**	**0.07**	**0.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**11**	**12**	**11**	**11**	**10**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 23 1310		.3	1		0.24					
81 08 21 1200		.3	1	1<T	0.11	0.001<	0.005	0.022	0.020	0.0020
81 09 23 1150		.3	1	1<T	0.14	0.001<	0.037	0.003<	0.005	0.0010
81 10 28 1330		.3	1	1<T	0.80	0.001<	0.028	0.009	0.012	0.0030
81 11 26 1030		.3	1	1<T	0.10	0.001	0.022	0.003<	0.010	0.0020<
81 12 21 1215		.3	1	1<T	0.10	0.001<	0.021	0.005	0.013	0.003
MAXIMUM				**1**	**0.80**	**0.001**	**0.037**	**0.022**	**0.020**	**0.003**
ARITH MEAN				**1<A**	**0.25**	**0.001**	**0.023**	**0.012**	**0.012**	**0.002**
GEOM MEAN				**1<A**	**0.18**		**0.019**	**0.010**	**0.011**	**0.002**
MINIMUM				**1**	**0.10**	**0.001**	**0.005**	**0.005**	**0.005**	**0.0010**
STD DEV (GEOM *)				**0<A**	**0.28**		**0.012**	**0.009**	**0.005**	**0.001**
# SAMPLES (IN STATISTICS)				**5**	**6**	**1**	**5**	**3**	**5**	**4**

B.O.W./ SITE: **URFE CREEK**
SAMPLE POINT: **AT CONCESSION 3 EAST OF BROCK ROAD**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HC116**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-026-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0654700.0 4858975.0 4** REGION: **03** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1145		.3	1	32003	4	70000I	2900000	300>	540	0.0	12.6	0.8	0.079
81 02 09 1300		.3	1	32048	4	2100	13000	120	3400	0.0	11.3		0.078
81 03 23 1325		.3	1	32092	8	340	2600	10<	40A	5.1	12.80	0.8	0.050
81 04 21 1230		.3	1	32141	8	220	5200	10<	880	7.1	11.40	2.2	0.138
81 05 25 1150		.3	1	32190	8	1800A	120000	220	164	14.8	8.40	1.0	0.100
81 06 22 1220		.3	1	32239	8	22000A	350000	3100	3000	17.2	7.60	1.8	0.300
81 07 28 1300		.3	1	32312	8	23000A	330000	2920	8600	16.8	8.00	1.0	0.200
1330		.3	1	32313	8	15000	250000	1220	6900	13.9	8.50	0.6	0.068
81 08 21 1215		.3	1	32367	8	3500	12800	790	290	17.9	8.60	0.6	0.150
81 09 23 1205		.3	1	32379	8	15000	110000	900	1500>	10.8	9.90	0.4	0.190
81 10 28 1400		.3	1	32463	8 3	31000	150000	2040	12800	9.1	9.90	1.2	0.222
81 11 26 1045		.3	1	32505	8	11000A	52000	1400	15000>	1.5	11.2	1.2	0.135
81 12 21 1230		.3	1	32542	4	150	820	24	40	0.0	14.00	0.2<T	0.042

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
MAXIMUM						70000	2900000	3100	12800	17.9	14.00	2.2	0.300
ARITH MEAN						15008	330494	1273	3332	11.4	10.3	1.0<A	0.135
GEOM MEAN						4592	51028	654	891	9.5	10.1	0.8<A	0.115
MINIMUM						150	820	24	40	1.5	7.60	0.2	0.042
STD DEV (GEOM *)						8*	10*	5*	8*	5.8	2.0	0.6<A	0.077
# SAMPLES (IN STATISTICS)						13	13	10	11	10	13	12	13

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 20 1145		.3	1	0.192	0.620	0.428	680.0	4.20	35.500			7.9	
81 02 09 1300		.3	1	0.880			660.0				8.00	7.7	
81 03 23 1325		.3	1	0.064	0.40	0.336	560	2.60	27.50	233	8.27	8.10	
81 04 21 1230		.3	1	0.134	1.17	1.036	600	2.80	37.00	239	8.42	8.40	
81 05 25 1150		.3	1	0.040	0.72	0.680	580	3.00	34.50	236	8.43	8.00	
81 06 22 1220		.3	1	0.002<T	1.05	1.048	540	22.00	37.00	218	8.01	7.90	
81 07 28 1300		.3	1	0.014	0.78	0.766	560	2.00	35.50	233	8.02	7.70	
1330		.3	1	0.002<T	0.32	0.318	450	1.15	6.85	226	7.96	7.60	
81 08 21 1215		.3	1	0.004	0.72	0.716	620	2.20	34.50	258	8.20	7.60	1<T
81 09 23 1205		.3	1	0.044	0.92	0.876	660	2.80	33.50	276	8.38	8.00	1<T
81 10 28 1400		.3	1	0.010	1.25	1.240	580	16.50	26.00	232	8.21	7.90	1<T
81 11 26 1045		.3	1	0.050	0.72	0.670	640	5.70	29.00	277	8.46	7.90	1<T
81 12 21 1230		.3	1	0.006	0.42	0.414	670	4.40	32.50	269	8.34	7.70	1<T
MAXIMUM				**0.880**	**1.25**	**1.240**	**680.0**	**22.00**	**37.00**	**277**	**8.46**	**8.40**	**1**
ARITH MEAN				**0.111<A**	**0.75**	**0.711**	**600**	**5.78**	**30.77**	**245**	**8.22**	**7.8**	**1<A**
GEOM MEAN				**0.025<A**	**0.69**	**0.649**	**596**	**3.89**	**28.74**	**244**	**8.22**	**7.8**	**1<A**
MINIMUM				**0.002**	**0.32**	**0.318**	**450**	**1.15**	**6.85**	**218**	**7.96**	**7.60**	**1**
STD DEV (GEOM *)				**0.238<A**	**0.29**	**0.301**	**64**	**6.51**	**8.36**	**21**	**0.19**	**0.2**	**0<A**
# SAMPLES (IN STATISTICS)				**13**	**12**	**12**	**13**	**12**	**12**	**11**	**12**	**13**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 23 1325		.3	1	0.23					
81 08 21 1215		.3	1	0.30	0.001<	0.010	0.003<	0.006	0.0030
81 09 23 1205		.3	1	0.31	0.001<	0.031	0.010	0.026	0.0020
81 10 28 1400		.3	1	1.76	0.001<	0.019	0.003<	0.013	0.0030
81 11 26 1045		.3	1	0.39	0.001<	0.010	0.003<	0.005	0.0020<
81 12 21 1230		.3	1	0.19	0.001<	0.019	0.005	0.007	0.004
MAXIMUM				**1.76**		**0.031**	**0.010**	**0.026**	**0.004**
ARITH MEAN				**0.53**		**0.018**	**0.007**	**0.011**	**0.003**
GEOM MEAN				**0.38**		**0.016**	**0.007**	**0.009**	**0.002**
MINIMUM				**0.19**		**0.010**	**0.005**	**0.005**	**0.0020**
STD DEV (GEOM *)				**0.61**		**0.009**	**0.004**	**0.009**	**0.000**
# SAMPLES (IN STATISTICS)				**6**		**5**	**2**	**5**	**4**

B.O.W./ SITE: **BROUGHAM CREEK**
SAMPLE POINT: **CONC.RD.5 1MILE E.OF TOWNSHIP RD 16-17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-028-02**
STORET CODE: **02 004 3770**

LAT: LONG: U T M: **17 0654800.0 4863250.0 4** REGION: **03** DISTANCE: **14.323**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1245		.3	1	32005	6	260	540	20I	20I	0.0	12.4	0.6	0.026
81 02 09 1345		.3	1	32050	6	1420	1050	12	84	0.0	11.7	0.4	0.027
81 03 23 1400		.3	1	32094	8	260	1000	8	12	5.5	12.00	0.6	0.022
81 04 21 1300		.3	1	32143	8	50A	770	4<	12	5.9	9.60	1.0	0.014
81 05 25 1230		.3	1	32192	8	1200	6800	68	232	13.8	8.80	0.6	0.030
81 06 22 1300		.3	1	32241	8	7000A	66000	1050	1500>	16.8	7.30	1.0	0.102
81 07 28 1345		.3	1	32314	8	17000	240000	2100	6300	15.0	8.60	1.6	0.546
81 08 21 1300		.3	1	32369	8	1200	800A	20A	150	16.9	8.90	0.4	0.494
81 09 23 1230		.3	1	32381	8	1600	10000	50A	150	10.1	9.70	0.2<T	0.037
81 10 28 1500		.3	1	32465	8	4200A	44000	500	780	9.2	9.90	0.6	0.192
81 11 26 1130		.3	1	32507	8	820	2800	30A	30A	2.9	10.90	0.2<T	0.022
81 12 21 1300		.3	1	32544	4	60A	760	140	10<	0.0	13.20	0.2<T	0.024
MAXIMUM						**17000**	**240000**	**2100**	**6300**	**16.9**	**13.20**	**1.6**	**0.546**
ARITH MEAN						**2922**	**31210**	**363**	**777**	**10.7**	**10.2**	**0.6<A**	**0.128**
GEOM MEAN						**897**	**4255**	**77**	**106**	**9.3**	**10.1**	**0.5<A**	**0.054**
MINIMUM						**50**	**540**	**8**	**12**	**2.9**	**7.30**	**0.2**	**0.014**
STD DEV (GEOM *)						**6***	**8***	**6***	**7***	**5.2**	**1.7**	**0.4<A**	**0.190**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**9**	**12**	**12**	**12**

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **BROUGHAM CREEK**
SAMPLE POINT: **CONC.RD.5 1MILE E.OF TOWNSHIP RD 16-17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-028-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0654800.0 4863250.0 4** REGION: **03** DISTANCE: **14.323**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
					PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1245		.3	1		0.002	0.060	0.280	0.011	1.340		1.411	0.220	1.631	448.0
81 02 09 1345		.3	1		0.010	0.156	0.440	0.007	0.633		0.796	0.284	1.080	389.0
81 03 23 1400		.3	1		0.002	0.012	0.23	0.010	1.190	1.200	1.212	0.218	1.430	393
81 04 21 1300		.3	1		0.001<W	0.046	0.30	0.008	0.990	1.000	1.044	0.254	1.298	363
81 05 25 1230		.3	1		0.003	0.042	0.38	0.025	1.030	1.050	1.097	0.338	1.435	388
81 06 22 1300		.3	1		0.020	0.002<T	0.56	0.002	0.700	0.700	0.704	0.558	1.262	379
81 07 28 1345		.3	1		0.026	0.004	1.20	0.007	1.290	1.300	1.301	1.196	2.497	827
81 08 21 1300		.3	1		0.028	0.052	0.28	0.008	0.905	0.915	0.965	0.228	1.193	381
81 09 23 1230		.3	1			0.010	0.33					0.320		
81 10 28 1500		.3	1		0.021	0.022	0.80	0.013	1.640	1.650	1.675	0.778	2.453	467
81 11 26 1130		.3	1		0.006	0.034	0.30	0.016	1.330	1.350	1.380	0.266	1.646	360
81 12 21 1300		.3	1		0.009	0.006	0.25	0.017	1.480	1.500	1.503	0.244	1.747	347
	MAXIMUM				**0.028**	**0.156**	**1.20**	**0.025**	**1.640**	**1.650**	**1.675**	**1.196**	**2.497**	**827**
	ARITH MEAN				**0.012<A**	**0.037<A**	**0.44**	**0.011**	**1.139**	**1.185**	**1.190**	**0.409**	**1.607**	**431**
	GEOM MEAN				**0.007<A**	**0.020<A**	**0.38**	**0.010**	**1.095**	**1.150**	**1.153**	**0.345**	**1.550**	**417**
	MINIMUM				**0.001**	**0.002**	**0.23**	**0.002**	**0.633**	**0.700**	**0.704**	**0.218**	**1.080**	**347**
	STD DEV (GEOM *)				**0.010<A**	**0.043<A**	**0.28**	**0.006**	**0.317**	**0.299**	**0.300**	**0.299**	**0.475**	**136**
	# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
					RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 20 1245		.3	1		50.0	398.0	640.0	3.60	31.500			8.0		
81 02 09 1345		.3	1		10.0	379.0	620.0	2.00	21.000		8.03	7.9		
81 03 23 1400		.3	1		13		600	5.00	30.50	244	8.09	8.00		0.35
81 04 21 1300		.3	1		13		600	4.00	32.00	213	8.07	8.10		0.20
81 05 25 1230		.3	1		10		600	1.70	31.50	230	8.37	8.00		
81 06 22 1300		.3	1		49		560	17.00	31.50	219	8.30	7.90		1.65
81 07 28 1345		.3	1		488.0		540	72.00	36.00	252	7.90	7.70		12.60
81 08 21 1300		.3	1		6.0		630	4.10	34.00	249	8.36	7.90	1<T	0.29
81 09 23 1230		.3	1				530	6.50	34.00	257	8.17	7.90	1<T	0.53
81 10 28 1500		.3	1		117.0		580	19.40	25.50	241	8.28	8.00	1<T	2.00
81 11 26 1130		.3	1		18.9		600	7.30	31.00	255	8.17	7.90	1<T	0.24
81 12 21 1300		.3	1		19.0		600	7.20	31.50	256	8.15	7.80	1<T	0.26
	MAXIMUM				**488.0**	**398.0**	**640.0**	**72.00**	**36.00**	**257**	**8.37**	**8.10**	**1**	**12.60**
	ARITH MEAN				**72**	**388.5**	**591**	**12.48**	**30.83**	**242**	**8.17**	**7.9**	**1<A**	**2.01**
	GEOM MEAN				**26**	**388.4**	**590**	**6.70**	**30.56**	**241**	**8.17**	**7.9**	**1<A**	**0.67**
	MINIMUM				**6.0**	**379.0**	**530**	**1.70**	**21.000**	**213**	**7.90**	**7.70**	**1**	**0.20**
	STD DEV (GEOM *)				**141**	**13.4**	**33**	**19.55**	**3.99**	**16**	**0.15**	**0.1**	**0<A**	**4.03**
	# SAMPLES (IN STATISTICS)				**11**	**2**	**12**	**12**	**12**	**10**	**11**	**12**	**5**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	ASUT	ALUT	CRUT	CUUT	PBUT	CDUT	ZNUT	NIUT
					ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 20 1245		.3	1		0.001<		0.001	0.008	0.005	0.0004	0.003	0.003 <
81 02 09 1345		.3	1		0.001<	0.230	0.001 <	0.041	0.007	0.0002<	0.009	0.003 <
81 03 23 1400		.3	1					0.009	0.003<		0.007	
81 04 21 1300		.3	1			0.089	0.002 <	0.002	0.003<	0.0005	0.001<	
81 06 22 1300		.3	1			0.480	0.0040	0.004	0.003<	0.0002<	0.005	
81 07 28 1345		.3	1			7.100	0.0130	0.024	0.003<	0.0008	0.038	
81 08 21 1300		.3	1			0.180	0.0030	0.056	0.003<	0.0016	0.004	
81 09 23 1230		.3	1		0.001<			0.007	0.006		0.005	0.0010
81 10 28 1500		.3	1			1.500	0.0030	0.012	0.003	0.0003	0.010	
81 11 26 1130		.3	1			0.130	0.0020<	0.006	0.003<	0.0002<	0.007	
81 12 21 1300		.3	1			0.160	0.003	0.010	0.009	0.0004	0.007	
	MAXIMUM					**7.100**	**0.0130**	**0.056**	**0.009**	**0.0016**	**0.038**	**0.0010**
	ARITH MEAN					**1.234**	**0.004**	**0.016**	**0.006**	**0.0007**	**0.009**	**0.0010**
	GEOM MEAN					**0.375**	**0.003**	**0.010**	**0.006**	**0.0006**	**0.007**	
	MINIMUM					**0.089**	**0.001**	**0.002**	**0.003**	**0.0003**	**0.003**	**0.0010**
	STD DEV (GEOM *)					**2.416**	**0.004**	**0.017**	**0.002**	**0.0005**	**0.010**	
	# SAMPLES (IN STATISTICS)					**8**	**6**	**11**	**5**	**6**	**10**	**1**

B.O.W. / SITE: **BROUGHAM CREEK**
SAMPLE POINT: **NORTH OF CONC.5 PICKERING TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-051-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M: **17 0653850.0 4863950.0 4** REGION: **03** DISTANCE: **15.771**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 03 23 1430		3	1	32095	8	470	2000	24	20	6.1	11.60	0.4	0.027
81 04 21 1315		3	1	32144	8	120	2000	24	4	6.5	9.60	0.2<T	0.018
81 05 25 1245		3	1	32193	8	590A	2900	68	600>	13.2	9.30	0.4	0.021
81 06 22 1320		3	1	32242	8	4900A	54000	570	1500>	15.9	7.60	1.0	0.123
81 07 28 1400		3	1	32315	8	31000A	350000	6000	14700	13.9	8.70	1.2	0.202
81 08 21 1315		3	1	32370	8	1800	1600	20A	120	17.0	8.70	0.4	0.034
81 09 23 1245		3	1	32382	8	50A	600	10<	10A	11.0	9.40	0.2<T	0.025
81 10 28 1520		3	1	32466	8	4000A	36000	280	920	9.9	9.80	0.6	0.090
81 11 26 1145		3	1	32508	8	800A	4800	60A	150	3.0	10.60	0.2<T	0.020
81 12 21 1315		3	1	32545	4	240	520	190	40A	0.0	12.80	0.4	0.028
MAXIMUM						**31000**	**350000**	**6000**	**14700**	**17.0**	**12.80**	**1.2**	**0.202**
ARITH MEAN						**4397***	**45442**	**804**	**1995**	**10.7**	**9.81**	**0.5<A**	**0.059**
GEOM MEAN						**900**	**5342**	**127**	**97**	**9.5**	**9.71**	**0.4<A**	**0.040**
MINIMUM						**50**	**520**	**20**	**4**	**3.0**	**7.80**	**0.2**	**0.018**
STD DEV (GEOM *)						**7***	**8***	**6***	**14***	**4.8**	**1.51**	**0.3<A**	**0.061**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**8**	**9**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 03 23 1430		3	1	0.010	0.022	0.24	0.007	1.590	1.600	1.619	0.218	1.837	395
81 04 21 1315		3	1	0.005	0.028	0.27	0.009	1.590	1.600	1.627	0.242	1.869	384
81 05 25 1245		3	1	0.009	0.028	0.23	0.015	1.490	1.500	1.533	0.202	1.735	386
81 06 22 1320		3	1	0.025	0.002<T	0.62	0.002	1.000	1.000	1.004	0.618	1.622	409
81 07 28 1400		3	1	0.022	0.002	1.02	0.001	1.550	1.550	1.553	1.018	2.571	441
81 08 21 1315		3	1		0.016	0.43	0.015	1.380	1.400	1.411	0.414	1.825	340
81 09 23 1245		3	1	0.012	0.036	0.27	0.007	1.430	1.500	1.473	0.234	1.707	350
81 10 28 1520		3	1	0.026	0.014	0.72	0.010	2.290	2.300	2.314	0.706	3.020	391
81 11 26 1145		3	1	0.020	0.036	0.30	0.012	1.790	1.800	1.838	0.264	2.102	352
81 12 21 1315		3	1	0.007	0.006	0.23	0.001	2.000	2.000	2.007	0.224	2.231	351
MAXIMUM				**0.026**	**0.036**	**1.02**	**0.015**	**2.290**	**2.300**	**2.314**	**1.018**	**3.020**	**441**
ARITH MEAN				**0.015**	**0.019<A**	**0.43**	**0.008**	**1.611**	**1.625**	**1.638**	**0.414**	**2.052**	**380**
GEOM MEAN				**0.013**	**0.013<A**	**0.37**	**0.005**	**1.576**	**1.590**	**1.603**	**0.349**	**2.014**	**379**
MINIMUM				**0.005**	**0.002**	**0.23**	**0.001**	**1.000**	**1.000**	**1.004**	**0.202**	**1.622**	**340**
STD DEV (GEOM *)				**0.008**	**0.013<A**	**0.27**	**0.005**	**0.353**	**0.351**	**0.355**	**0.278**	**0.444**	**32**
# SAMPLES (IN STATISTICS)				**9**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU
81 03 23 1430		3	1	11	600	2.20	30.50	233	8.22	8.10		0.21	
81 04 21 1315		3	1	6	600	1.50	30.00	230	8.28	8.10			
81 05 25 1245		3	1	5	600	1.70	28.50	220	8.27	8.00			
81 06 22 1320		3	1	47	600	10.00	31.00	231	8.20	7.90			
81 07 28 1400		3	1	97.0	580	2.80	28.50	254	8.04	7.70			
81 08 21 1315		3	1	7.5	620	1.90	28.50	233	8.49	7.80	1<T	0.20	0.010
81 09 23 1245		3	1	5.1	620	1.23	29.50	244	8.22	7.90	1<T	0.16	0.005
81 10 28 1520		3	1	34.0	560	5.90	26.50	226	8.36	8.00	1<T	0.83	0.017
81 11 26 1145		3	1	5.2	600	1.38	30.00	259	8.37	7.90	1<T	0.12	0.003
81 12 21 1315		3	1	10.0	590	4.20	28.00	171	8.16	7.90	1<T	0.20	0.009
MAXIMUM				**97.0**	**620**	**10.00**	**31.00**	**259**	**8.49**	**8.10**	**1**	**0.83**	**0.017**
ARITH MEAN				**22**	**597**	**3.28**	**29.10**	**230**	**8.26**	**7.93**	**1<A**	**0.29**	**0.009**
GEOM MEAN				**12**	**597**	**2.57**	**29.07**	**229**	**8.26**	**7.93**	**1<A**	**0.23**	**0.007**
MINIMUM				**5**	**580**	**1.23**	**26.50**	**171**	**8.04**	**7.70**	**1**	**0.12**	**0.003**
STD DEV (GEOM *)				**29**	**18**	**2.78**	**1.35**	**24**	**0.13**	**0.13**	**0<A**	**0.27**	**0.005**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**5**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 08 21 1315		3	1	0.003	0.004
81 09 23 1245		3	1	0.004	0.004
81 10 28 1520		3	1	0.003<	0.006
81 11 26 1145		3	1	0.003<	0.004
81 12 21 1315		3	1	0.009	0.014
MAXIMUM				**0.009**	**0.014**
ARITH MEAN				**0.005**	**0.006**
GEOM MEAN				**0.005**	**0.006**
MINIMUM				**0.003**	**0.004**
STD DEV (GEOM *)				**0.003**	**0.004**
# SAMPLES (IN STATISTICS)				**3**	**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BROUGHAM CR.TRIB.**
SAMPLE POINT: **AT HIGHWAY NO.7**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKE**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DUFFINS CREEK**

STATION ID: **06-0104-052-02**
STORET CODE: **02 004 3770**

LAT: LONG: U.T.M.: **17 0654050.0 4854050.0 4** REGION: **03** DISTANCE: **16.898**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 20 1300		.3	1	32006	4	620	1640	10I	10I	0.0	12.8	0.2	0.030
81 02 09 1400		.3	1	32051	4	180	1750	4	44	0.0	10.7	0.3	0.110
81 03 23 1450		.3	1	32096	8	100	170	8	4	6.9	12.30	0.4	0.040
81 04 21 1345		.3	1	32145	8	40A	2700	4<	4	9.9	9.60	0.6	0.019
81 05 25 1315		.3	1	32194	8	1000	3400	232	240	16.1	8.90	0.6	0.029
81 06 22 1400		.3	1	32243	8	13800A	150000	4800	8600	17.9	7.20	1.8	0.159
81 07 28 1420		.3	1	32316	8	18000	160000	1040	6100	16.1	7.80	1.6	0.145
81 08 21 1245		.3	1	32371	8	2200	1700	90A	230	19.0	9.50	0.6	0.069
81 09 23 1305		.3	1	32383	8	2300	25000	160	210	13.0	10.10	0.2<T	0.033
81 10 28 1545		.3	1	32467	8	3900A	46000	840	1200	10.0	9.40	0.4	0.080
81 11 26 1230		.3	1	32509	8	500A	2900	10A	20A	2.1	10.80	0.2<T	0.023
81 12 21 1330		.3	1	32546	4	90A	850	4	16	0.0	12.80	0.6	0.042
MAXIMUM						**18000**	**160000**	**4800**	**8600**	**19.0**	**12.80**	**1.8**	**0.159**
ARITH MEAN						**3561**	**33009**	**654**	**1390**	**12.3**	**10.1**	**0.6<A**	**0.065**
GEOM MEAN						**824**	**5323**	**69**	**104**	**10.6**	**10.0**	**0.5<A**	**0.051**
MINIMUM						**40**	**170**	**4**	**4**	**2.1**	**7.20**	**0.2**	**0.019**
STD DEV (GEOM *)						**7***	**8***	**12***	**14***	**5.6**	**1.8**	**0.5<A**	**0.049**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**12**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST-STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 1300		.3	1	0.013	0.198	0.430	0.008	0.622		0.828	0.232	1.060	391.0
81 02 09 1400		3	1	0.002	0.046	0.500	0.005	0.210		0.261	0.454	0.715	425.0
81 03 23 1450		3	1	0.004	0.020	0.31	0.005	0.395	0.400	0.420	0.290	0.710	365
81 04 21 1345		3	1	0.003	0.026	0.32	0.004	0.105	0.110	0.135	0.294	0.429	312
81 05 25 1315		3	1	0.009	0.018	0.36	0.012	0.015	0.025	0.045	0.342	0.387	288
81 06 22 1400		3	1	0.040	0.002<T	0.75	0.002	0.400	0.400	0.404	0.748	1.152	386
81 07 28 1420		3	1	0.034	0.050	0.65	0.012	0.135	0.145	0.197	0.600	0.797	338
81 08 21 1245		3	1	0.026	0.018	0.34	0.001	0.190	0.190	0.209	0.322	0.531	326
81 09 23 1305		3	1	0.012	0.026	0.42	0.006	0.205	0.210	0.237	0.394	0.631	344
81 10 28 1545		3	1	0.062	0.026	0.65	0.013	0.895	0.910	0.934	0.624	1.558	390
81 11 26 1230		3	1	0.009	0.038	0.32	0.016	0.790	0.805	0.844	0.282	1.126	342
81 12 21 1330		3	1	0.007	0.004	0.40	0.001<T	0.795	0.795	0.800	0.396	1.196	396
MAXIMUM				**0.062**	**0.198**	**0.75**	**0.016**	**0.895**	**0.910**	**0.934**	**0.748**	**1.558**	**425.0**
ARITH MEAN				**0.018**	**0.039<A**	**0.45**	**0.007<A**	**0.396**	**0.399**	**0.443**	**0.415**	**0.858**	**358**
GEOM MEAN				**0.011**	**0.022<A**	**0.43**	**0.005<A**	**0.260**	**0.261**	**0.325**	**0.389**	**0.788**	**356**
MINIMUM				**0.002**	**0.002**	**0.31**	**0.001**	**0.015**	**0.025**	**0.045**	**0.232**	**0.387**	**288**
STD DEV (GEOM *)				**0.018**	**0.052<A**	**0.15**	**0.005<A**	**0.305**	**0.325**	**0.320**	**0.161**	**0.358**	**40**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 20 1300		.3	1	11.0	380.0	620.0	3.80	20.500			7.9		
81 02 09 1400		.3	1	102.0	323.0	520.0	8.10	11.000		8.01	8.0		
81 03 23 1450		.3	1	20		560	5.90	22.00	242	8.25	8.10		0.62
81 04 21 1345		.3	1	4		520	2.20	23.50	221	8.23	8.10		
81 05 25 1315		.3	1	5		475	2.50	19.00	198	8.51	8.10		
81 06 22 1400		.3	1	88		495	6.60	27.00	207	7.89	7.80		
81 07 28 1420		.3	1	45.0		470	3.70	20.00	210	7.80	7.60		
81 08 21 1245		.3	1	6.2		550	1.40	23.00	236	8.31	7.80	1<T	0.29
81 09 23 1305		.3	1	18.4		620	2.50	30.50	271	8.20	7.90	1<T	0.33
81 10 28 1545		.3	1	30.0		590	12.40	24.50	265	8.26	7.70	1<T	1.10
81 11 26 1230		.3	1	9.5		620	5.40	25.00	284	8.23	7.80	1<T	0.26
81 12 21 1330		.3	1	32.8		600	7.40	23.50	254	8.14	7.70	1<T	0.35
MAXIMUM				**102.0**	**380.0**	**620.0**	**12.40**	**30.50**	**284**	**8.51**	**8.10**	**1**	**1.10**
ARITH MEAN				**31**	**351.5**	**553**	**5.16**	**22.45**	**239**	**8.17**	**7.8**	**1<A**	**0.49**
GEOM MEAN				**18**	**350.3**	**550**	**4.32**	**21.88**	**237**	**8.16**	**7.8**	**1<A**	**0.43**
MINIMUM				**4**	**323.0**	**470**	**1.40**	**11.000**	**198**	**7.80**	**7.60**	**1**	**0.26**
STD DEV (GEOM *)				**32**	**40.3**	**56**	**3.16**	**4.78**	**30**	**0.20**	**0.1**	**0<A**	**0.32**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**12**	**10**	**11**	**12**	**5**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 08 21 1245		.3	1	0.009	0.003<	0.003
81 09 23 1305		.3	1	0.100	0.005	0.005
81 10 28 1545		.3	1	0.063	0.003<	0.006
81 11 26 1230		.3	1	0.004	0.003<	0.004
81 12 21 1330		.3	1	0.008	0.009	0.010
MAXIMUM				**0.100**	**0.009**	**0.010**
ARITH MEAN				**0.037**	**0.007**	**0.006**
GEOM MEAN				**0.018**	**0.007**	**0.005**
MINIMUM				**0.004**	**0.005**	**0.003**
STD DEV (GEOM *)				**0.043**	**0.003**	**0.003**
# SAMPLES (IN STATISTICS)				**5**	**2**	**5**

B.O.W./ SITE: **CARRUTHERS CREEK**
SAMPLE POINT: **FIRST ROAD EAST OF AJAX TOWN LINE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HC100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CARRUTHERS CREEK**

STATION ID: **06-0107-001-02**
STORET CODE: **02 004 3730**

LAT: LONG: U T M **17 0661450.0 4854900.0 4** REGION: **03** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1535		3	1	31011	4	1000	5100	10<	40I	0.0	11.0	0.8	0.058
81 02 17 1000		3	1	31050	4	1900C	74000	100	220	2.0	11.8	1.7	0.140
81 03 23 1000		3	1	31021	6	280	1120	10<	10A	3.5	14.60	0.4	0.220
81 04 27 1100		3	1	31096	6 8	50A	1800	10<	20A	13.0	11.00	0.6	0.036
81 05 25 0948		3	1	31158	6 8	600A	14500	200	30A	17.0	14.50	0.8	0.050
81 06 15 1100		3	1	31219	5 9	1300A	44000	520	70A	23.2	11.80	1.0	0.100
81 07 27 1130		3	1	31280	8	3700A	113000	100	550	24.0	5.40	1.8	0.112
81 08 17 1127		3	1	31341	8	5400A	63000	900	300	19.0	12.00	0.6	0.058
81 09 14 1100		3	1	31401	8	2600	26000	260	120	19.2	14.60	0.8	0.023
81 10 26 1030		3	1	31464	8	2400	18000	180	180	7.4	14.00	0.6	0.030
81 11 23 1030		3	1	31525	8	7900	2300	40A	120	5.0	14.40	0.4	0.058
81 12 15 1038		3	1	31615	8	50A	510	70A	40A	1.0	17.60	0.2<T	0.025
MAXIMUM						**7900**	**113000**	**900**	**550**	**24.0**	**17.60**	**1.8**	**0.220**
ARITH MEAN						**2265**	**30277**	**263**	**142**	**12.2**	**12.7**	**0.8<A**	**0.078**
GEOM MEAN						**1002**	**10548**	**171**	**79**	**8.2**	**12.3**	**0.7<A**	**0.060**
MINIMUM						**50**	**510**	**40**	**10**	**1.0**	**5.40**	**0.2**	**0.023**
STD DEV (GEOM *)						**5***	**6***	**3***	**3***	**8.7**	**3.0**	**0.5<A**	**0.058**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**12**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1535		3	1	0.007	0.162	0.750	0.015	1.340		1.517	0.588	2.105	528.0
81 02 17 1000		3	1	0.079	0.128	0.850	0.033	2.320		2.481	0.722	3.203	382.0
81 03 23 1000		3	1	0.093	0.024	0.37	0.006	1.240	1.250	1.270	0.346	1.616	428
81 04 27 1100		3	1	0.003	0.032	0.39	0.014	0.485	0.500	0.531	0.358	0.889	390
81 05 25 0948		3	1	0.006	0.008	0.58	0.091	0.245	0.335	0.344	0.572	0.916	391
81 06 15 1100		3	1	0.073	0.002<T	4.05	0.010	0.240	0.250	0.252	4.048	4.300	337
81 07 27 1130		3	1	0.013	0.020	1.45	0.280	0.140	0.420	0.440	1.430	1.870	621
81 08 17 1127		3	1	0.023	0.046	0.80	0.020	0.530	0.550	0.596	0.754	1.350	388
81 09 14 1100		3	1	0.007	0.026	0.51	0.019	0.200	0.220	0.245	0.484	0.729	
81 10 26 1030		3	1	0.009	0.024	0.52	0.013	1.790	1.800	1.827	0.496	2.323	471
81 11 23 1030		3	1	0.010	0.014	0.58	0.007	2.490	2.500	2.511	0.566	3.077	477
81 12 15 1038		3	1	0.003	0.026	0.33	0.007	1.590	1.600	1.623	0.304	1.927	388
MAXIMUM				**0.093**	**0.162**	**4.05**	**0.280**	**2.490**	**2.500**	**2.511**	**4.048**	**4.300**	**621**
ARITH MEAN				**0.027**	**0.043<A**	**0.93**	**0.043**	**1.051**	**0.942**	**1.136**	**0.889**	**2.025**	**436**
GEOM MEAN				**0.014**	**0.025<A**	**0.69**	**0.019**	**0.690**	**0.673**	**0.829**	**0.647**	**1.773**	**430**
MINIMUM				**0.003**	**0.002**	**0.33**	**0.006**	**0.140**	**0.220**	**0.245**	**0.304**	**0.729**	**337**
STD DEV (GEOM *)				**0.034**	**0.050<A**	**1.02**	**0.078**	**0.858**	**0.795**	**0.849**	**1.038**	**1.071**	**81**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 12 1535		3	1	46.0		780.0	24.00	35.500		7.77	7.8		
81 02 17 1000		3	1	15.0		600.0	6.70	47.500		7.76	6.7		
81 03 23 1000		3	1	8		640	5.50	36.00	256	8.15	7.60	1<T	0.46
81 04 27 1100		3	1		385	640	3.20	41.50	241	8.22	7.90		
81 05 25 0948		3	1		357	560	9.00	41.50	196	8.11	8.10		
81 06 15 1100		3	1		332	500	4.30		172	8.77	8.40		
81 07 27 1130		3	1		572	780	14.30		154	7.72	7.65		
81 08 17 1127		3	1		379	580	6.20	27.50	238	8.30	8.30		
81 09 14 1100		3	1			640	5.50	43.50	242	8.18	7.50	1<T	0.26
81 10 26 1030		3	1	12.0		740	5.30	45.00	281	8.25	8.10	1<T	0.36
81 11 23 1030		3	1	15.0		700	13.60	37.00	278	8.21	8.40	1<T	0.62
81 12 15 1038		3	1	27.6		690	0.96	36.00	174	8.10	8.30	1<T	0.36
MAXIMUM				**46.0**	**572**	**780.0**	**24.00**	**47.500**	**281**	**8.77**	**8.40**	**1**	**0.62**
ARITH MEAN				**20**	**405**	**654**	**8.21**	**39.10**	**223**	**8.13**	**7.9**	**1<A**	**0.41**
GEOM MEAN				**17**	**397**	**648**	**6.27**	**38.68**	**219**	**8.12**	**7.8**	**1<A**	**0.39**
MINIMUM				**8**	**332**	**500**	**0.96**	**27.50**	**154**	**7.72**	**6.7**	**1**	**0.26**
STD DEV (GEOM *)				**14**	**96**	**87**	**6.31**	**5.84**	**46**	**0.29**	**0.4**	**0<A**	**0.14**
# SAMPLES (IN STATISTICS)				**6**	**5**	**12**	**12**	**10**	**10**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 23 1000		3	1	0.002	0.003<	0.003
81 09 14 1100		3	1	0.003	0.004	0.001<
81 10 26 1030		3	1	0.001<	0.003<	0.002
81 11 23 1030		3	1	0.009	0.007	0.011
81 12 15 1038		3	1	0.006	0.006	0.005
MAXIMUM				**0.009**	**0.007**	**0.011**
ARITH MEAN				**0.005**	**0.006**	**0.005**
GEOM MEAN				**0.004**	**0.006**	**0.004**
MINIMUM				**0.002**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.003**	**0.002**	**0.004**
# SAMPLES (IN STATISTICS)				**4**	**3**	**4**

B.O.W./ SITE: **LYNDE CREEK**
SAMPLE POINT: **AT BASELINE ROAD WHITBY TOWNSHIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02HC018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **LYNDE CREEK**

STATION ID: **06-0108-001-02**
STORET CODE: **02 004 3710**

LAT. LONG. U.T.M: **17 0663850.0 4857775.0 4** REGION: **03** DISTANCE: **1.448**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1150		3	1	31000	4	0.232	1000	2500	20I	60I	0.0	14.4	0.8
81 02 17 1030		3	1	31051	4	6.400	4800C	36000	120	420	0.0	11.5	1.7
81 03 23 1035		3	1	31022	4	0.695	760	1540	10A	10<	1.2	13.40	0.6
81 04 27 1130		3	1	31097	6 8	0.661	760	6000>	20A	20A	11.0	12.30	1.2
81 05 25 1030		3	1	31159	6 8	0.373	300A	54000	180	10A	18.0	13.40	2.0
81 06 15 1130		3	1	31220	6 8	0.341	2600A	60000	140	110	22.0	11.50	1.4
81 07 27 1200		3	1	31281	5 8 9	0.202	1600	20000	130	90A	20.8	5.80	1.2
81 08 17 1207		3	1	31342	8 9	0.831	3600A	44000	1110	350	16.2	10.50	0.8
81 09 14 1145		3	1	31402		0.472	1900A	48000	310	30A	19.0	9.60	1.0
81 10 26 1100		3	1	31465	8	1.630	3900A	33000	440	780	8.4	12.80	1.0
81 11 23 1118		3	1	31526	8	1.360	5500	5900	270	430	4.2	13.80	0.2<T
81 12 15 1118		3	1	31616	4	0.440	360	420	30A	90A	0.0	17.00	0.8
MAXIMUM						**6.400**	**5500**	**60000**	**1110**	**780**	**22.0**	**17.00**	**2.0**
ARITH MEAN						**1.136**	**2257**	**27760**	**232**	**217**	**13.4**	**12.1**	**1.1<A**
GEOM MEAN						**0.659**	**1543**	**12830**	**106**	**104**	**10.2**	**11.8**	**0.9<A**
MINIMUM						**0.202**	**300**	**420**	**10**	**10**	**1.2**	**5.80**	**0.2**
STD DEV (GEOM *)						**1.715**	**3***	**6***	**4***	**4***	**7.5**	**2.7**	**0.5<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**12**	**11**	**9**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 12 1150		3	1	0.030	0.011	0.128	0.550	0.014	1.290		1.432	0.422	1.854
81 02 17 1030		3	1	0.150	0.052	0.306	1.000	0.026	1.680		2.012	0.694	2.706
81 03 23 1035		3	1	0.135	0.058	0.038	0.32	0.008	1.240	1.250	1.286	0.282	1.568
81 04 27 1130		3	1	0.043	0.002	0.056	0.38	0.022	0.465	0.490	0.543	0.324	0.867
81 05 25 1030		3	1	0.102	0.020	0.006	0.78	0.008	0.305	0.385	0.319	0.774	1.093
81 06 15 1130		3	1	0.130	0.022	0.002<T	0.68	0.001<T	0.495	0.495	0.498	0.678	1.176
81 07 27 1200		3	1	0.052	0.012	0.004	0.45	0.001	0.140	0.140	0.145	0.446	0.591
81 08 17 1207		3	1	0.088	0.035	0.008	1.02	0.085	1.110	1.200	1.203	1.012	2.215
81 09 14 1145		3	1	0.063	0.019	0.004	0.48	0.021	0.835	0.855	0.860	0.476	1.336
81 10 26 1100		3	1	0.047	0.021	0.056	0.51	0.027	1.770	1.800	1.853	0.454	2.307
81 11 23 1118		3	1	0.055	0.016	0.014	0.48	0.072	2.630	2.700	2.716	0.466	3.182
81 12 15 1118		3	1	0.032	0.010	0.022	0.31	0.010	1.440	1.450	1.472	0.288	1.760
MAXIMUM				**0.150**	**0.058**	**0.306**	**1.02**	**0.085**	**2.630**	**2.700**	**2.716**	**1.012**	**3.182**
ARITH MEAN				**0.077**	**0.023**	**0.054<A**	**0.58**	**0.025<A**	**1.117**	**1.076**	**1.195**	**0.526**	**1.721**
GEOM MEAN				**0.067**	**0.017**	**0.019<A**	**0.53**	**0.013<A**	**0.860**	**0.808**	**0.917**	**0.488**	**1.554**
MINIMUM				**0.030**	**0.002**	**0.002**	**0.31**	**0.001**	**0.140**	**0.140**	**0.145**	**0.282**	**0.591**
STD DEV (GEOM *)				**0.042**	**0.017**	**0.087<A**	**0.24**	**0.027<A**	**0.719**	**0.777**	**0.766**	**0.220**	**0.773**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 12 1150		3	1	431.0	19.0		680.0	9.60	37.500		7.79	7.7	
81 02 17 1030		3	1	417.0	43.0		620.0	14.00	51.500		7.84	7.0	
81 03 23 1035		3	1	381	11		580	7.40	34.00	169	8.16	7.80	1<T
81 04 27 1130		3	1	349		337	580	5.80	39.50	219	8.28	7.70	
81 05 25 1030		3	1	385		339	510	16.00	37.50	183	7.91	7.70	
81 06 15 1130		3	1	358		310	500	4.50		190	8.16	8.00	
81 07 27 1200		3	1	279		267	420	7.80		152	7.89	7.85	
81 08 17 1207		3	1	400		387	600	5.00	34.50	243	8.00	8.25	
81 09 14 1145		3	1				610	18.60	39.50	230	8.16	8.00	1<T
81 10 26 1100		3	1	399	9.0		600	3.70	36.50	242	8.11	8.20	1<T
81 11 23 1118		3	1	464	7.8		700	5.50	38.00	279	8.29	8.45	1<T
81 12 15 1118		3	1	359	17.1		640	6.70	37.50	108	8.32	8.40	1<T
MAXIMUM				**464**	**43.0**	**387**	**700**	**18.60**	**51.500**	**279**	**8.32**	**8.45**	**1**
ARITH MEAN				**383**	**17**	**328**	**586**	**8.72**	**38.60**	**201**	**8.08**	**7.9**	**1<A**
GEOM MEAN				**380**	**14**	**326**	**581**	**7.66**	**38.35**	**195**	**8.07**	**7.9**	**1<A**
MINIMUM				**279**	**7.8**	**267**	**420**	**3.70**	**34.00**	**108**	**7.79**	**7.0**	**1**
STD DEV (GEOM *)				**48**	**13**	**44**	**78**	**4.88**	**4.88**	**51**	**0.18**	**0.4**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**6**	**5**	**12**	**12**	**10**	**10**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 03 23 1035		3	1	0.56	0.002	0.003<	0.002
81 09 14 1145		3	1	0.84	0.006	0.005	0.004
81 10 26 1100		3	1	0.40	0.011	0.012	0.012
81 11 23 1118		3	1	0.45	0.051	0.008	0.006
81 12 15 1118		3	1	0.34	0.006	0.006	0.004
MAXIMUM				**0.84**	**0.051**	**0.012**	**0.012**
ARITH MEAN				**0.52**	**0.015**	**0.008**	**0.006**
GEOM MEAN				**0.49**	**0.008**	**0.007**	**0.005**
MINIMUM				**0.34**	**0.002**	**0.005**	**0.002**
STD DEV (GEOM *)				**0.20**	**0.020**	**0.003**	**0.004**
# SAMPLES (IN STATISTICS)				**5**	**5**	**4**	**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **PRINGLE CREEK**
SAMPLE POINT: **WATSON STREET, WHITBY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD108**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **PRINGLE CREEK**

STATION ID: **06-0109-003-02**
STORET CODE: **02 004 3700**

LAT: LONG: U.T.M: **17 0666375.0 4858225.0 4** REGION: **03** DISTANCE: **1.770**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1215		.3	1	31001	6	2900	4300	10I	10<	1.0	11.2	3.4	0.452
81 02 17 1050		.3	1	31052	6	6300C	70000	260	680	11.2	11.2	4.2	0.278
81 03 23 1100		.3	1	31023	6	320	1200>	10<	10<	7.8	11.60	3.6	0.252
81 04 27 1150		.3	1	31098	6 8	360	6000>	10<	10<	13.2	10.80	1.8	0.305
81 05 25 1050		.3	1	31160	6 8	2400	88000	88	52	15.5	13.50	5.0	0.420
81 06 15 1150		.3	1	31221	6 9	3700A	90000	10<	10A	20.8	11.90	1.4	0.402
81 07 27 1235		.3	1	31282	8 9	24000	129000	320	130	20.5	6.30	2.0	0.315
81 08 17 1222		.3	1	31343	5 8	15000A	550000	270	50A	18.0	11.20	0.8	0.258
81 09 14 1200		.3	1	31403	8	23000	220000	890	130	19.0	9.80	8.2	0.348
81 10 26 1200		.3	1	31466	8	20000	94000	590	910	10.5	11.20	2.8	0.242
81 11 23 1145		.3	1	31527	8	21000	19000	1280	430	6.8	13.10	1.8	0.220
81 12 15 1200		.3	1	31617	8	90A	240	60A	50A	4.8	13.11	1.2	0.402
MAXIMUM						**24000**	**550000**	**1280**	**910**	**20.8**	**13.50**	**8.2**	**0.452**
ARITH MEAN						**9922**	**126454**	**419**	**271**	**12.4**	**11.2**	**3.0**	**0.324**
GEOM MEAN						**3664**	**41713**	**210**	**122**	**9.9**	**11.0**	**2.5**	**0.316**
MINIMUM						**90**	**240**	**10**	**10**	**1.0**	**6.30**	**0.8**	**0.220**
STD DEV (GEOM *)						**7***	**9***	**5***	**4***	**6.5**	**1.8**	**2.1**	**0.079**
# SAMPLES (IN STATISTICS)						**12**	**10**	**9**	**9**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1215		.3	1	0.150	0.680	2.150	0.350	13.600		14.630	1.470	16.100	593.0
81 02 17 1050		.3	1	0.078	0.720	2.250	0.074	2.730		3.524	1.530	5.054	544.0
81 03 23 1100		.3	1	0.065	1.340	2.36	0.025	0.875	0.900	2.240	1.020	3.260	581
81 04 27 1150		.3	1	0.140	0.032	0.79	0.100	11.9	12.0	12.032	0.758	12.790	570
81 05 25 1050		.3	1		0.006	2.55					2.544		509
81 06 15 1150		.3	1			2.88							558
81 07 27 1235		.3	1	0.130	0.006	1.25	0.290	12.700	13.000	12.996	1.244	14.240	591
81 08 17 1222		.3	1	0.160	0.038	0.95	0.086	6.660	6.750	6.784	0.912	7.696	436
81 09 14 1200		.3	1	0.250	0.008	0.97	0.002	2.50	2.500	2.510	0.962	3.472	
81 10 26 1200		.3	1	0.160	0.120	1.12	0.001<T	5.900	5.900	6.021	1.000	7.021	478
81 11 23 1145		.3	1	0.140	0.010	0.88	0.001<T	7.200	7.200	7.211	0.870	8.081	591
81 12 15 1200		.3	1	0.245	1.620	2.82	0.083	10.670	10.750	12.373	1.200	13.573	507
MAXIMUM				**0.250**	**1.620**	**2.88**	**0.350**	**13.600**	**13.000**	**14.630**	**2.544**	**16.100**	**593.0**
ARITH MEAN				**0.152**	**0.416**	**1.74**	**0.101<A**	**7.4**	**7.3**	**8.032**	**1.228**	**9.129**	**541**
GEOM MEAN				**0.141**	**0.075**	**1.56**	**0.028<A**	**5.7**	**5.6**	**6.634**	**1.158**	**7.939**	**539**
MINIMUM				**0.065**	**0.006**	**0.79**	**0.001**	**0.875**	**0.900**	**2.240**	**0.758**	**3.260**	**436**
STD DEV (GEOM *)				**0.060**	**0.593**	**0.82**	**0.122<A**	**4.5**	**4.3**	**4.639**	**0.500**	**4.697**	**52**
# SAMPLES (IN STATISTICS)				**10**	**11**	**12**	**10**	**10**	**8**	**10**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 12 1215		.3	1	60.0		800.0	32.00	85.500		7.26	7.5		
81 02 17 1050		.3	1	60.0		840.0	15.00	140.000		7.62	6.9		
81 03 23 1100		.3	1		577	880	3.40	123.00	239	7.56	7.20	0.150	0.003<
81 04 27 1150		.3	1		565	900	3.50	124.00	159	7.70	7.60		
81 05 25 1050		.3	1		501	840	3.50	109.00	124	7.27	7.20		
81 06 15 1150		.3	1		546	800	4.20		113	7.84	7.30		
81 07 27 1235		.3	1		581	880	5.80		94	7.52	7.25		
81 08 17 1222		.3	1		427	820	4.50	105.00	178	7.84	7.85		
81 09 14 1200		.3	1			880	2.20		193	7.26	7.65		
81 10 26 1200		.3	1		454	700	15.50	78.00	181	7.80	7.75		
81 11 23 1145		.3	1		577	880	12.10	96.00	238	7.83	7.90	0.017	0.009
81 12 15 1200		.3	1		492	900	12.60	112.00	173	8.13	7.95	0.029	0.007
MAXIMUM				**60.0**	**581**	**900**	**32.00**	**140.000**	**239**	**8.13**	**7.95**	**0.150**	**0.009**
ARITH MEAN				**60.0**	**524**	**843**	**9.52**	**108.06**	**169**	**7.84**	**7.5**	**0.065**	**0.008**
GEOM MEAN				**60.0**	**521**	**841**	**6.89**	**106.43**	**162**	**7.83**	**7.5**	**0.042**	**0.008**
MINIMUM				**60.0**	**427**	**700**	**2.20**	**78.00**	**94**	**7.26**	**6.9**	**0.017**	**0.007**
STD DEV (GEOM *)				**0.0**	**58**	**57**	**8.62**	**19.62**	**49**	**0.28**	**0.3**	**0.074**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**9**	**12**	**12**	**9**	**10**	**12**	**12**	**3**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 23 1100		.3	1	0.018
81 11 23 1145		.3	1	0.012
81 12 15 1200		.3	1	0.013
MAXIMUM				**0.018**
ARITH MEAN				**0.014**
GEOM MEAN				**0.014**
MINIMUM				**0.012**
STD DEV (GEOM *)				**0.003**
# SAMPLES (IN STATISTICS)				**3**

B.O.W / SITE: **OSHAWA CREEK**
SAMPLE POINT: **SIMCOE STREET SOUTH OSHAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OSHAWA CREEK**

STATION ID: **06-0111-001-02**
STORET CODE: **02 004 3660**

LAT: LONG: U.T.M: **17 0674275.0 4859125.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1240		.3	1	31002	4	0.707	1400	2400	90I	80I	0.0	10.6	0.6
81 02 17 1115		.3	1	31053	4	3.600	6500C	29000	530	620	1.0	10.2	1.8
81 03 23 1130		.3	1	31024	6	0.830	2200	1200	150	30A	4.5	14.30	0.8
81 04 27 1215		.3	1	31099	6 8	0.756	900A	28000	10<	20A	11.5	12.30	0.6
81 05 25 1110		.3	1	31161	6 9	0.855	4300	20500	236	68	15.5	11.40	2.4
81 06 15 1210		.3	1	31222	6 8	0.625	1200	4300	60A	20A	21.0	12.00	0.4
81 07 27 1300		.3	1	31283	6 8	0.523	13100A	35000	280	330	19.5	6.10	0.8
81 08 17 1245		.3	1	31344		0.733	4100A	81000	680	210	16.9	11.20	0.4
81 09 14 1230		.3	1	31404	8	0.668	37000	41000	3800	170	18.2	11.30	1.0
81 10 26 1222		.3	1	31467	6 9 0	1.330	13000	86000	520	1430	8.8	12.70	1.8
81 11 23 1204		.3	1	31528	8	1.120	3100	7500	110	150	4.0	14.90	2.8
81 12 15 1222		.3	1	31618	4	0.785	1200A	53000	30A	110	1.5	1.61	3.2
MAXIMUM						**3.600**	**37000**	**86000**	**3800**	**1430**	**21.0**	**14.90**	**3.2**
ARITH MEAN						**1.044**	**7333**	**32408**	**590**	**270**	**11.1**	**10.7**	**1.4**
GEOM MEAN						**0.893**	**3795**	**17490**	**238**	**122**	**7.7**	**9.6**	**1.1**
MINIMUM						**0.523**	**900**	**1200**	**30**	**20**	**1.0**	**1.61**	**0.4**
STD DEV (GEOM *)						**0.834**	**3***	**4***	**4***	**4***	**7.5**	**3.6**	**1.0**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**12**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 12 1240		.3	1	0.018	0.009	0.138	0.300	0.009	0.991		1.138	0.162	1.300
81 02 17 1115		.3	1	0.085	0.017	0.128	0.750	0.038	1.160		1.326	0.622	1.948
81 03 23 1130		.3	1	0.026	0.006	0.068	0.30	0.007	0.945	0.950	1.020	0.232	1.252
81 04 27 1215		.3	1	0.016	0.004	0.048	0.24	0.020	0.520	0.540	0.588	0.192	0.780
81 05 25 1110		.3	1	0.038		0.006	0.38					0.374	
81 06 15 1210		.3	1	0.392	0.170	0.002<T	2.92	0.205	14.30	14.500	14.507	2.918	17.425
81 07 27 1300		.3	1	0.026	0.006	0.002<T	0.30	0.040	0.325	0.365	0.367	0.298	0.665
81 08 17 1245		.3	1	0.058	0.018	0.056	0.52	0.031	0.630	0.660	0.717	0.464	1.181
81 09 14 1230		.3	1	0.042	0.011	0.010	0.36	0.001<T	0.670	0.670	0.681	0.350	1.031
81 10 26 1222		.3	1	0.725	0.015	0.054	0.48	0.020	0.890	0.910	0.964	0.426	1.390
81 11 23 1204		.3	1	0.025	0.005	0.026	0.38	0.020	1.830	1.850	1.876	0.354	2.230
81 12 15 1222		.3	1	0.022	0.005	0.064	0.45	0.009	0.975	0.985	1.048	0.386	1.434
MAXIMUM				**0.725**	**0.170**	**0.138**	**2.92**	**0.205**	**14.30**	**14.500**	**14.507**	**2.918**	**17.425**
ARITH MEAN				**0.123**	**0.024**	**0.050<A**	**0.61**	**0.036<A**	**2.11**	**2.381**	**2.203**	**0.565**	**2.785**
GEOM MEAN				**0.050**	**0.011**	**0.025<A**	**0.45**	**0.017<A**	**1.05**	**1.080**	**1.146**	**0.394**	**1.582**
MINIMUM				**0.016**	**0.004**	**0.002**	**0.24**	**0.001**	**0.325**	**0.365**	**0.367**	**0.162**	**0.665**
STD DEV (GEOM *)				**0.216**	**0.049**	**0.046<A**	**0.73**	**0.057<A**	**4.06**	**4.564**	**4.101**	**0.752**	**4.877**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RST*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 12 1240		.3	1	380.0	91.0	620.0	7.70	29.000		7.86	8.0		
81 02 17 1115		.3	1	497.0	36.0	840.0	20.00	141.000		7.86	7.2	1.000	1.100
81 03 23 1130		.3	1	397	10	620	5.30	43.00	225	8.21	7.90	1 <T	0.42
81 04 27 1215		.3	1	351	345	580	4.00	38.00	216	8.26	7.50	1 <T	0.34
81 05 25 1110		.3	1	347	12	540	4.80	33.50	200	7.91	7.80	1 <T	0.57
81 06 15 1210		.3	1	547		800	4.00	33.00	208	7.75	8.40	1 <T	0.39
81 07 27 1300		.3	1	317	10.0	490	4.80	26.50	199	8.24	8.20	1 <T	0.32
81 08 17 1245		.3	1	349	15.6	560	12.20	30.00	224	8.28	8.20	1 <T	0.70
81 09 14 1230		.3	1			600	15.30	35.00	239	8.12	8.10	1 <T	0.60
81 10 26 1222		.3	1	339	25.0	480	15.20	30.00	185	8.06	8.05	2	0.42
81 11 23 1204		.3	1	486	81.1	650	52.00	37.00	266	8.27	8.40	1 <T	1.85
81 12 15 1222		.3	1	332	11.2	620	8.60	41.00	195	8.19	8.55	1 <T	0.36
MAXIMUM				**547**	**345**	**840.0**	**52.00**	**141.000**	**266**	**8.28**	**8.55**	**2**	**1.85**
ARITH MEAN				**394**	**63**	**616**	**12.82**	**43.08**	**216**	**8.08**	**8.0**	**1 <A**	**0.64**
GEOM MEAN				**388**	**29**	**608**	**9.23**	**38.09**	**215**	**8.08**	**8.0**	**1 <A**	**0.54**
MINIMUM				**317**	**10**	**480**	**4.00**	**26.50**	**185**	**7.75**	**7.2**	**1.000**	**0.32**
STD DEV (GEOM *)				**78**	**103**	**108**	**13.43**	**31.23**	**24**	**0.19**	**0.3**	**0 <A**	**0.46**
# SAMPLES (IN STATISTICS)				**11**	**10**	**12**	**12**	**12**	**10**	**12**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 02 17 1115		.3	1	0.013	0.010	0.013	0.033	
81 03 23 1130		.3	1	0.042	0.003	0.003<	0.003	0.010
81 04 27 1215		.3	1	0.002 <	0.003	0.003<	0.004	0.009
81 05 25 1110		.3	1	0.002 <	0.001	0.010	0.003	0.004
81 06 15 1210		.3	1		0.004	0.005	0.005	
81 07 27 1300		.3	1	0.0040	0.006	0.003	0.010	0.0050
81 08 17 1245		.3	1	0.0050	0.008	0.006	0.007	0.0070
81 09 14 1230		.3	1	0.0010<	0.004	0.003<	0.003	0.0030
81 10 26 1222		.3	1	0.0140	0.035	0.020	0.018	0.0060
81 11 23 1204		.3	1	0.0060	0.015	0.003<	0.057	0.0030
81 12 15 1222		.3	1	0.008	0.005	0.006	0.007	0.029
MAXIMUM				**0.042**	**0.035**	**0.020**	**0.057**	**0.029**
ARITH MEAN				**0.013**	**0.009**	**0.009**	**0.014**	**0.008**
GEOM MEAN				**0.009**	**0.006**	**0.008**	**0.008**	**0.006**
MINIMUM				**0.0040**	**0.001**	**0.003**	**0.003**	**0.0030**
STD DEV (GEOM *)				**0.013**	**0.010**	**0.006**	**0.017**	**0.008**
# SAMPLES (IN STATISTICS)				**7**	**11**	**7**	**11**	**9**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./SITE: **MONTGOMERY CREEK**
SAMPLE POINT: **AT HARBOUR ROAD OSHAWA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **OSHAWA CREEK**

STATION ID: **06-0111-002-02**
STORET CODE: **02 004 3660**

LAT: LONG: U.T.M: **17 0674350.0 4859625.0 4** REGION: **03** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1258		.3	1	31003	4	1400	5300	50I	70I	0.0	12.0	2.0	0.172
81 02 17 1130		.3	1	31054	6	23000	128000	500	2420	3.5	10.8	4.1	0.300
81 03 23 1145		.3	1	31025	6	1000	6600	20A		6.5	12.40		0.092
81 04 27 1235		.3	1	31100	6 8	1600	30000>	20A	10<	12.8	13.20	1.0	0.118
81 05 25 1125		.3	1	31162	6 8	52000A	275000	660	280	15.8	9.30	27.2	0.310
81 06 15 1230		.3	1	31223	6 8	1600000	2200000	68000	26000	20.2	7.20	8.8	0.248
81 07 27 1338		.3	1	31284	6 8 9	610000	2200000	19000	21000	20.5	12.0	3.8	0.272
81 08 17 1304		.3	1	31345	8 6	15000A	390000	2400	600A	17.8	8.80	1.0	0.095
81 09 14 1245		.3	1	31405	8	390000	920000	23000	570	18.9	7.40		0.155
81 10 26 1240		.3	1	31468	8	24000	170000	3900	4900	10.2	10.50		0.195
81 11 23 1217		.3	1	31529	8	4300	2400	2700	20A	6.0	12.20		0.069
81 12 15 1235		.3	1	31619	8	3600	18500	1200	40A	3.5	12.80		0.088
MAXIMUM						**1600000**	**2200000**	**68000**	**26000**	**20.5**	**13.20**	**27.2**	**0.310**
ARITH MEAN						**227158**	**574164**	**10121**	**5590**	**12.3**	**10.7**	**6.8**	**0.176**
GEOM MEAN						**20553**	**104448**	**1160**	**715**	**10.3**	**10.5**	**3.6**	**0.156**
MINIMUM						**1000**	**2400**	**20**	**20**	**3.5**	**7.20**	**1.0**	**0.069**
STD DEV (GEOM *)						**12***	**12***	**15***	**12***	**6.7**	**2.0**	**9.4**	**0.088**
# SAMPLES (IN STATISTICS)						**12**	**11**	**12**	**10**	**11**	**12**	**7**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 12 1258		.3	1	0.011	0.450	1.100	0.032	1.220		1.702	0.650	2.352	559.0
81 02 17 1130		.3	1	0.005	0.058	1.200	0.078	1.070		1.206	1.142	2.348	836.0
81 04 27 1235		.3	1	0.021	0.116	0.42	0.065	1.23	1.300	1.411	0.304	1.715	552
81 05 25 1125		.3	1	0.001<T	0.002<T	1.98	0.009	0.065	0.075	0.076	1.978	2.054	560
81 06 15 1230		.3	1		0.350	1.28	0.010	0.750	0.760	1.110	0.930	2.040	526
81 07 27 1338		.3	1	0.086	0.130	1.28	0.460	0.025	0.485	0.615	1.150	1.765	532
81 08 17 1304		.3	1	0.041	0.066	0.65	0.220	1.580	1.800	1.866	0.584	2.450	556
MAXIMUM				**0.086**	**0.450**	**1.98**	**0.460**	**1.580**	**1.800**	**1.866**	**1.978**	**2.450**	**836.0**
ARITH MEAN				**0.027<A**	**0.167<A**	**1.13**	**0.125**	**0.84**	**0.884**	**1.141**	**0.963**	**2.103**	**588**
GEOM MEAN				**0.013<A**	**0.078<A**	**1.02**	**0.055**	**0.43**	**0.578**	**0.834**	**0.833**	**2.086**	**581**
MINIMUM				**0.001**	**0.002**	**0.42**	**0.009**	**0.025**	**0.075**	**0.076**	**0.304**	**1.715**	**526**
STD DEV (GEOM *)				**0.032<A**	**0.167<A**	**0.50**	**0.165**	**0.60**	**0.678**	**0.623**	**0.544**	**0.293**	**109**
# SAMPLES (IN STATISTICS)				**6**	**7**	**7**	**7**	**7**	**5**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 12 1258		.3	1	37.0		900.0	21.00	67.500		7.65	7.8		
81 02 17 1130		.3	1	160.0	676.0	1200.0	78.00	259.000		7.65	7.1	5.000	
81 03 23 1145		.3	1	12		1040	17.00	173.00	224		7.40	1 <T	1.90
81 04 27 1235		.3	1		540	900	6.70	148.00	202	8.12	7.40	2	
81 05 25 1125		.3	1		490	800	25.00	121.00	213	7.15	7.80	1 <T	
81 06 15 1230		.3	1		510	760	3.90		191	7.24	7.60	1 <T	
81 07 27 1338		.3	1		521	800	1.40	120	182	7.24	7.70	3	
81 08 17 1304		.3	1		550	920	4.60	142.00	203	7.81	7.65		
81 09 14 1245		.3	1			970	15.40	144.00	218		7.65	1 <T	1.50
81 10 26 1240		.3	1	71.0		410	51.00	42.50	135		7.15	3	3.45
81 11 23 1217		.3	1	9.6		1080	4.20	173.00	251		8.00	1 <T	0.83
81 12 15 1235		.3	1	6.6		1750	10.70	405.00	209		8.15	1 <T	0.74
MAXIMUM				**160.0**	**676.0**	**1750**	**78.00**	**405.00**	**251**	**8.12**	**8.15**	**5.000**	**3.45**
ARITH MEAN				**49**	**547**	**960**	**19.91**	**163**	**203**	**7.55**	**7.6**	**1 <A**	**1.68**
GEOM MEAN				**26**	**544**	**914**	**11.26**	**139**	**201**	**7.54**	**7.6**	**1 <A**	**1.43**
MINIMUM				**6.6**	**490**	**410**	**1.40**	**42.50**	**135**	**7.15**	**7.1**	**1**	**0.74**
STD DEV (GEOM *)				**59**	**66**	**317**	**22.84**	**98**	**30**	**0.36**	**0.3**	**1 <A**	**1.10**
# SAMPLES (IN STATISTICS)				**6**	**6**	**12**	**12**	**11**	**10**	**7**	**12**	**10**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 23 1145		.3	1	0.020	0.007	0.008	0.100	0.005
81 09 14 1245		.3	1	0.0010<	0.006	0.012	0.066	0.0070
81 10 26 1240		.3	1	0.0080	0.019	0.086	0.200	0.0110
81 11 23 1217		.3	1	0.0100	0.013	0.010	0.067	0.0080
81 12 15 1235		.3	1	0.003	0.011	0.009	0.075	0.010
MAXIMUM				**0.020**	**0.019**	**0.086**	**0.200**	**0.0110**
ARITH MEAN				**0.010**	**0.011**	**0.025**	**0.102**	**0.008**
GEOM MEAN				**0.008**	**0.010**	**0.015**	**0.092**	**0.007**
MINIMUM				**0.003**	**0.006**	**0.008**	**0.066**	**0.005**
STD DEV (GEOM *)				**0.007**	**0.005**	**0.034**	**0.057**	**0.002**
# SAMPLES (IN STATISTICS)				**4**	**5**	**5**	**5**	**5**

B.O.W./SITE: **HARMONY CREEK**
SAMPLE POINT: **AT BLOOR STREET EAST OSHAWA**
STATION TYPE: **RIVER FLOW GAUGE FED.02HD013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **FAREWELL CREEK**

STATION ID: **06-0112-001-02**
STORET CODE: **02 004 3650**

LAT: LONG: U T M: **17 0674300.0 4861075.0 4** REGION: **03** DISTANCE: **1.931**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1315		.3	1	31004	4	0.082	2300	5600	110	110	0 0	11 5	0 4
81 02 17 1145		.3	1	31055	4	0.950	55000	180000	660	2100	2 5	10.6	3 7
MAXIMUM						**0.950**	**55000**	**180000**	**660**	**2100**	**2.5**	**11.5**	**3.7**
ARITH MEAN						**0.516**	**28650**	**92800**	**385**	**1105**	**2.5**	**11.0**	**2.0**
GEOM MEAN						**0.279**	**11247**	**31749**	**269**	**481**		**11.0**	**1.2**
MINIMUM						**0.082**	**2300**	**5600**	**110**	**110**	**2.5**	**10.6**	**0.4**
STD DEV (GEOM *)						**0.614**	**9***	**12***	**4***	**8***		**0.6**	**2.3**
# SAMPLES (IN STATISTICS)						**2**	**2**	**2**	**2**	**2**	**1**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1315		.3	1	0.070	0.005	0.146	0.620	0.017	1.980	2.143	0 474	2.617	726 0
81 02 17 1145		.3	1	0.152	0.026	0 290	1.220	0.047	1 450	1.787	0 930	2.717	503 0
MAXIMUM				**0.152**	**0.026**	**0.290**	**1.220**	**0.047**	**1.980**	**2.143**	**0.930**	**2.717**	**726.0**
ARITH MEAN				**0.111**	**0.015**	**0.218**	**0.920**	**0.032**	**1.715**	**1.965**	**0.702**	**2.667**	**614.5**
GEOM MEAN				**0.103**	**0.011**	**0.206**	**0.870**	**0.028**	**1.694**	**1.957**	**0.664**	**2.667**	**604.3**
MINIMUM				**0.070**	**0.005**	**0.146**	**0.620**	**0.017**	**1.450**	**1.787**	**0.474**	**2.617**	**503.0**
STD DEV (GEOM *)				**0.058**	**0.015**	**0.102**	**0.424**	**0.021**	**0.375**	**0.252**	**0.322**	**0.071**	**157.7**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD
TEST-NAME:				*RSP*	*COND25*	*TURB*	*CLIDUR*	*PH*	*FWPH*
81 01 12 1315		.3	1	45.0	1080 0	14 00	99 000	7 67	7 7
81 02 17 1145		.3	1	76 0	740 0	30 00	123 000	7 84	7 2
MAXIMUM				**76.0**	**1080.0**	**30.00**	**123.000**	**7.84**	**7.7**
ARITH MEAN				**60.5**	**910.0**	**22.00**	**111.000**	**7.75**	**7.4**
GEOM MEAN				**58.5**	**894.0**	**20.49**	**110.349**	**7.75**	**7.4**
MINIMUM				**45.0**	**740.0**	**14.00**	**99.000**	**7.67**	**7.2**
STD DEV (GEOM *)				**21.9**	**240.4**	**11.31**	**16.971**	**0.12**	**0.4**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**

B.O.W./SITE: **FAREWELL CREEK**
SAMPLE POINT: **AT WENTWORTH STREET OSHAWA**
STATION TYPE: **RIVER FLOW GAUGE FED.02HD014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **FAREWELL CREEK**

STATION ID: **06-0112-003-02**
STORET CODE: **02 004 3650**

LAT: LONG: U T M: **17 0675000.0 4860750.0 4** REGION: **03** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1200		.3	1	31056	4	0.160	29000	55000	540	1640	0 5	11.9	2.1
81 01 12 1330		.3	1	31005	4	0.150	730	1800	70I	180	0 0	11 8	0 6
81 03 23 1210		.3	1	31026	6	0.340	160	1000	10<	70A	4 0	13 20	0 4
81 04 27 1300		.3	1	31101	6 8	0.352	300	3000>	10<	10A	14 0	12 80	0 6
81 05 25 1145		.3	1	31163	6 8	0.120	15000A	470000	364	232	16 2	11 40	1.0
81 06 15 1245		.3		31224		0.120	14000	44000		70	8 4		
81 07 27 1410		.3	1	31285	9 6 8	0.038	4000A	44000	260	410	22 5	8 80	1.0
81 08 17 1319		.3	1	31346	6 8	0 280	13000A	320000	1190	310	19 0	12 30	0 2
81 09 14 1305		.3	1	31406	8	0.160	6700A	26000	390	110	19 8	14 20	0 8
81 10 26 1300		.3	1	31469	8	0.670	4100A	39000	440	1480	8 4	13 60	0 8
81 11 23 1235		.3	1	31530	8	0 710	3700	4900	100	160	4 0	14 40	0 6
81 12 15 1300		3	1	31620	4	0 205	340	800	100	160	1 0	16 80	0 8
MAXIMUM						**0.710**	**29000**	**470000**	**1190**	**1640**	**22.5**	**16.80**	**2.1**
ARITH MEAN						**0.275**	**7586**	**91500**	**384**	**403**	**10.7**	**12.8**	**0.8**
GEOM MEAN						**0.209**	**2920**	**18971**	**269**	**187**	**6.6**	**12.6**	**0.7**
MINIMUM						**0.038**	**160**	**800**	**70**	**10**	**0.5**	**8.80**	**0.2**
STD DEV (GEOM *)						**0.215**	**6***	**9***	**3***	**4***	**7.9**	**2.0**	**0.5**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**9**	**12**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1200		.3	1	0.108	0 028	0 212	0 820	0 036	1 410		1 658	0 608	2 266
81 01 12 1330		.3	1	0.032	0 005	0 132	0 500	0 015	1 940		2 08Z	0 368	2 455
81 03 23 1210		.3	1	0 022	0 004	0.026	0 33	0 008	1 590	1 600	1 624	0 304	1 928
81 04 27 1300		.3	1	0 013	0 001<W	0 030	0 42	0 010	0 760	0 770	0 800	0 390	1 190
81 05 25 1145		.3	1	0.032	0 004	0.018	0 52	0 034	0 585	0 620	0 637	0 502	1 139
81 06 15 1245		.3		0 035	0 005	0 002		0 091	0 440		0 533		
81 07 27 1410		.3	1	0.030	0 005	0 008	0 38	0 061	0 350	0 410	0 419	0 372	0 791
81 08 17 1319		.3	1	0 040	0 021	0 056	0 58	0 011	0 600	0 610	0 667	0 524	1 191
81 09 14 1305		.3	1	0 024	0 002	0 030	0 52	0 013	0 735	0 750	0 778	0 490	1 268
81 10 26 1300		.3	1	0 168	0 043	0 018	0 56	0 007	1 090	1 100	1 115	0 542	1 657
81 11 23 1235		.3	1	0 035	0 005	0 014	0 52	0 007	1 990	2 000	2 011	0 506	2 517
81 12 15 1300		.3	1	0 014	0 005	0 036	0 44	0 011	1 740	1 750	1 787	0 404	2 191
MAXIMUM				**0.168**	**0.043**	**0.212**	**0.820**	**0.091**	**1.990**	**2.000**	**2.087**	**0.608**	**2.517**
ARITH MEAN				**0.046**	**0.011<A**	**0.048**	**0.50**	**0.025**	**1.102**	**1.068**	**1.176**	**0.455**	**1.690**
GEOM MEAN				**0.034**	**0.006<A**	**0.026**	**0.49**	**0.017**	**0.943**	**0.936**	**1.024**	**0.447**	**1.585**
MINIMUM				**0.013**	**0.001**	**0.002**	**0.33**	**0.007**	**0.350**	**0.410**	**0.419**	**0.304**	**0.791**
STD DEV (GEOM *)				**0.046**	**0.013<A**	**0.062**	**0.12**	**0.026**	**0.603**	**0.576**	**0.616**	**0.093**	**0.608**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**12**	**9**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 06 1200		.3	1	438.0	50.0	388.0	620.0	25.00	90.000		7.85	7.3	
81 01 12 1330		.3	1	642.0	18.0	624.0	980.0	9.90	88.500		7.73	7.9	
81 03 23 1210		.3	1	434	9		680	4.60	52.00	242	8.14	7.80	1<T
81 04 27 1300		.3	1	407		403	660	2.00	61.00	231	8.20	7.90	
81 05 25 1145		.3	1	439		427	700	4.00	79.00	217	8.09	7.80	
81 06 15 1245		.3		557		552	740.0	2.70				13.7	
81 07 27 1410		.3	1	354		336	520	3.10	39.50	180	8.38	8.40	
81 08 17 1319		.3	1	476		471	760	3.40	73.00	250	8.31	8.35	
81 09 14 1305		.3	1				690	4.50	83.00	249	8.20	8.15	1<T
81 10 26 1300		.3	1	403	23.0		560	15.50	26.50	235	8.38	8.05	1<T
81 11 23 1235		.3	1	423	12.0		635	4.40	37.00	258	8.46	8.65	1<T
81 12 15 1300		.3	1	497	8.6		880	6.00	115.00	218	8.13	8.70	1<T
MAXIMUM				**642.0**	**50.0**	**624.0**	**980.0**	**25.00**	**115.00**	**258**	**8.46**	**13.7**	**1**
ARITH MEAN				**460**	**20**	**457**	**702**	**7.09**	**67.68**	**231**	**8.17**	**8.5**	**1<A**
GEOM MEAN				**455**	**16**	**448**	**692**	**5.29**	**62.19**	**230**	**8.17**	**8.4**	**1<A**
MINIMUM				**354**	**8.6**	**336**	**520**	**2.00**	**26.50**	**180**	**7.73**	**7.3**	**1**
STD DEV (GEOM *)				**80**	**15**	**100**	**128**	**6.78**	**26.98**	**24**	**0.22**	**1.6**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**6**	**7**	**12**	**12**	**11**	**9**	**11**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 23 1210		.3	1	0.35	280	89.0	14.00	0.004	0.003<	0.009
81 09 14 1305		.3	1	0.26	267	81.6	15.40	0.005	0.012	0.010
81 10 26 1300		.3	1	0.84	255	84.0	11.00	0.009	0.008	0.012
81 11 23 1235		.3	1	0.30	328	110.0	11.00	0.010	0.007	0.008
81 12 15 1300		.3	1	0.19	302	97.0	14.50	0.066	0.006	0.009
MAXIMUM				**0.84**	**328**	**110.0**	**15.40**	**0.066**	**0.012**	**0.012**
ARITH MEAN				**0.39**	**286**	**92.3**	**13.18**	**0.019**	**0.008**	**0.010**
GEOM MEAN				**0.34**	**285**	**91.8**	**13.05**	**0.010**	**0.008**	**0.010**
MINIMUM				**0.19**	**255**	**81.6**	**11.00**	**0.004**	**0.006**	**0.008**
STD DEV (GEOM *)				**0.26**	**29**	**11.5**	**2.05**	**0.027**	**0.003**	**0.002**
# SAMPLES (IN STATISTICS)				**5**	**5**	**5**	**5**	**5**	**4**	**5**

B.O.W. / SITE: **BOWMANVILLE CREEK**
SAMPLE POINT: **WEST BEACH ROAD, BOWMANVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BOWMANVILLE CREEK**

STATION ID: **06-0116-001-02**
STORET CODE: **02 004 3540**

LAT: LONG: U.T.M: **17 0686650.0 4862500.0 4** REGION: **03** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1400		.3	1	31006	4	0.583	1300	3700	60I	10I	0.0	11.8	0.6
81 02 17 1235		.3	1	31058	4	2.500	10000	12000	380	2560	0.5	11.4	1.1
81 03 23 1320		.3	1	31028	6	1.020	1000	1200	20A	40A	4.0	13.50	0.4
81 04 27 1345		.3	1	31103	6 8	1.010	160A	6000>	10A	40A	12.0	12.00	0.6
81 05 25 1230		.3	1	31165	6 8	0.790	400A	240000>	64	104	16.8	11.70	0.8
81 06 15 1415		.3	1	31226	6 8	0.715	2600	23000	50A	40A	21.5	14.50	0.8
81 07 28 1208		.3	1	31287	6 8	0.999	14200A	120000	740	840	17.5	8.50	0.8
81 08 17 1456		.3	1	31348	6 8	0.811	3900A	47000	270	160	17.5	12.10	0.6
81 09 14 1345		.3	1	31408	8	0.735	1200	240000>	290	50A	17.9	14.00	1.0
81 10 26 1333		.3	1	31471	8	1.480	1800	8000	240	230	7.2	14.20	0.6
81 11 23 1315		.3	1	31532	8	1.320	3500	2700	40A	30A	3.5	15.40	0.2<T
81 12 15 1335		.3	1	31622	4	0.608	200	1340	60A	10A	0.5	17.00	0.2<T
MAXIMUM						**2.500**	**14200**	**120000**	**740**	**2560**	**21.5**	**17.00**	**1.1**
ARITH MEAN						**1.048**	**3355**	**24327**	**185**	**343**	**10.8**	**13.0**	**0.6<A**
GEOM MEAN						**0.958**	**1542**	**8363**	**94**	**81**	**6.3**	**12.8**	**0.6<A**
MINIMUM						**0.583**	**160**	**1200**	**10**	**10**	**0.5**	**8.50**	**0.2**
STD DEV (GEOM *)						**0.532**	**4***	**5***	**4***	**5***	**7.9**	**2.2**	**0.3<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**12**	**12**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 12 1400		.3	1	0.022	0.009	0.058	0.250	0.006	0.884		0.948	0.192	1.140
81 02 17 1235		.3	1	0.060	0.018	0.090	0.520	0.018	1.380		1.488	0.430	1.918
81 03 23 1320		.3	1	0.148	0.125	0.160	0.34	0.005	0.895	0.900	1.060	0.180	1.240
81 04 27 1345		.3	1	0.019	0.004	0.036	0.25	0.008	0.630	0.635	0.674	0.214	0.888
81 05 25 1230		.3	1	0.022	0.006	0.024	0.22	0.035	0.325	0.360	0.384	0.196	0.580
81 06 15 1415		.3	1	0.021	0.009	0.002<T	0.16	0.002	0.410	0.410	0.414	0.158	0.572
81 07 28 1208		.3	1	0.038	0.009	0.004	0.30	0.027	0.470	0.495	0.501	0.296	0.797
81 08 17 1456		.3	1	0.052	0.009	0.050	0.42	0.011	0.320	0.330	0.381	0.370	0.751
81 09 14 1345		.3	1	0.027	0.007	0.028	0.27	0.010	0.390	0.400	0.428	0.242	0.670
81 10 26 1333		.3	1	0.035	0.009	0.008	0.28	0.005	1.100	1.100	1.113	0.272	1.385
81 11 23 1315		.3	1	0.028	0.017	0.008	0.28	0.005	1.640	1.650	1.653	0.272	1.925
81 12 15 1335		.3	1	0.030	0.017	0.008	0.17	0.007	0.865	0.870	0.880	0.162	1.042
MAXIMUM				**0.148**	**0.125**	**0.160**	**0.520**	**0.035**	**1.640**	**1.650**	**1.653**	**0.430**	**1.925**
ARITH MEAN				**0.042**	**0.020**	**0.040<A**	**0.28**	**0.012**	**0.776**	**0.715**	**0.827**	**0.249**	**1.076**
GEOM MEAN				**0.034**	**0.012**	**0.020<A**	**0.27**	**0.009**	**0.671**	**0.622**	**0.725**	**0.237**	**0.990**
MINIMUM				**0.019**	**0.004**	**0.002**	**0.16**	**0.002**	**0.320**	**0.330**	**0.381**	**0.158**	**0.572**
STD DEV (GEOM *)				**0.036**	**0.033**	**0.046<A**	**0.10**	**0.010**	**0.433**	**0.482**	**0.440**	**0.085**	**0.471**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

(CONTD)

B.O.W. / SITE: **BOWMANVILLE CREEK**
SAMPLE POINT: **WEST BEACH ROAD, BOWMANVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BOWMANVILLE CREEK**

STATION ID: **06-0116-001-02**
STORET CODE: **02 004 3540**

LAT: LONG: U.T.M: **17 0686650.0 4862500.0 4** REGION: **03** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 12 1400	.3	1		283.0	16.0		460.0	11.00	9.300		8.06	8.2	
81 02 17 1235	.3	1		319.0	21.0		520.0	7.90	37.500		7.97	7.5	
81 03 23 1320	.3	1		284	11		430	8.40	13.50	198	8.21	7.90	1<T
81 04 27 1345	.3	1		292		283	450	6.80	15.00	194	8.43	7.60	
81 05 25 1230	.3	1		267		254	390	5.00	10.00	173	8.42	8.00	
81 06 15 1415	.3	1		274		247	380	6.60		174	8.61	8.10	
81 07 28 1208	.3	1		258		237	365	3.90		173	8.19	8.10	
81 08 17 1456	.3	1		284		274	455	6.00	16.00	205	8.43	8.65	
81 09 14 1345	.3	1					430	8.80	12.50	201	8.35	8.35	1<T
81 10 26 1333	.3	1		327	6.0		510	6.10	19.50	230	8.42	8.30	1<T
81 11 23 1315	.3	1		338	5.3		530	7.40	18.50	236	8.50	8.75	1<T
81 12 15 1335	.3	1		265	8.9		440	7.40	13.00	195	8.44	8.90	1<T
MAXIMUM				**338**	**21.0**	**283**	**530**	**11.00**	**37.500**	**236**	**8.61**	**8.90**	**1**
ARITH MEAN				**290**	**11**	**259**	**446**	**7.11**	**16.48**	**198**	**8.34**	**8.2**	**1<A**
GEOM MEAN				**289**	**10**	**258**	**443**	**6.88**	**15.20**	**197**	**8.33**	**8.1**	**1<A**
MINIMUM				**258**	**5.3**	**237**	**365**	**3.90**	**9.300**	**173**	**7.97**	**7.5**	**1**
STD DEV (GEOM *)				**26**	**6**	**19**	**53**	**1.85**	**8.08**	**22**	**0.19**	**0.4**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**6**	**5**	**12**	**12**	**10**	**10**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 03 23 1320	.3	1		0.33	0.003	0.003<	0.003
81 09 14 1345	.3	1		0.30	0.006	0.003<	0.008
81 10 26 1333	.3	1		0.29	0.002	0.003<	0.002
81 11 23 1315	.3	1		0.23	0.007	0.006	0.004
81 12 15 1335	.3	1		0.20	0.004	0.004	0.017
MAXIMUM				**0.33**	**0.007**	**0.006**	**0.017**
ARITH MEAN				**0.27**	**0.004**	**0.005**	**0.007**
GEOM MEAN				**0.27**	**0.004**	**0.005**	**0.005**
MINIMUM				**0.20**	**0.002**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.05**	**0.002**	**0.001**	**0.006**
# SAMPLES (IN STATISTICS)				**5**	**5**	**2**	**5**

B.O.W. / SITE: **SOPER BROOK**
SAMPLE POINT: **WEST BEACH ROAD BOWMANVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BOWMANVILLE CREEK**

STATION ID: **06-0116-002-02**
STORET CODE: **02 004 3540**

LAT: LONG: U.T.M: **17 0686950.0 4862650.0 4** REGION: **03** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1345	.3	1		31007	4	0.286	75000	185000	25000	3700	0.5	12.0	7.0
81 02 17 1220	.3	1		31057	6	3.300	91000	39000	3600	5600	1.5	11.8	3.5
81 03 23 1300	.3	1		31027	6	0.770	121000	220000	30000	4300	5.0	12.60	2.6
81 04 27 1330	.3	1		31102	6 8	0.665	120000	280000	3200	2300	11.2	12.60	1.6
81 06 15 1400	.3	1		31225		0.421	6100002	4500001	5800	3500	21.0	10.70	2.6
81 07 28 1130	.3	1		31286	6 8 9	0.660	90000A	110000	2100	1500	18.5	7.80	4.2
81 08 17 1430	.3	1		31347	6 8	0.465	250000A	3200000	8000	1500	16.9	10.70	3.2
81 09 14 1330	.3	1		31407	8	0.441	27000	83000	4100	390	17.8	11.60	7.4
81 10 26 1320	.3	1		31470	8	1.090	54000	110000	13300	2800	8.0	13.10	2.4
81 11 23 1300	.3	1		31531	8	1.160	44000	59000	7900	2100	4.2	15.10	2.2
81 12 15 1325	.3	1		31621	8	0.450	16000	36000	5100	1100	1.8	16.40	0.8
MAXIMUM						**3.300**	**6100002**	**4500001**	**30000**	**5600**	**21.0**	**16.40**	**7.4**
ARITH MEAN						**0.883**	**635273**	**802000**	**9827**	**2617**	**9.7**	**12.2**	**3.4**
GEOM MEAN						**0.685**	**103080**	**192760**	**6958**	**2129**	**5.9**	**12.0**	**2.9**
MINIMUM						**0.286**	**16000**	**36000**	**2100**	**390**	**0.5**	**7.80**	**0.8**
STD DEV (GEOM *)						**0.848**	**5***	**5***	**2***	**2***	**7.7**	**2.2**	**2.1**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 12 1345	.3	1		0.182	0.115	2.020	3.780	0.075	2.330		4.425	1.760	6.185
81 02 17 1220	.3	1		0.322	0.115	0.940	2.050	0.036	3.060		4.036	1.110	5.146
81 03 23 1300	.3	1		0.205	0.140	1.880	2.54	0.029	1.820	1.850	3.729	0.660	4.389
81 04 27 1330	.3	1		0.188		0.290	1.14	0.012	0.254	0.265	0.556	0.850	1.406
81 06 15 1400	.3	1		0.046	0.070	0.002<T	0.88	0.006	3.090	4.000	3.098	0.878	3.976
81 07 28 1130	.3	1		0.148	0.083	0.004	1.42	0.002	2.400	2.400	2.406	1.416	3.822
81 08 17 1430	.3	1		0.190	0.130	1.080	3.05	2.000	0.005	2.000	3.085	1.970	5.055
81 09 14 1330	.3	1		0.183	0.145	0.004	0.54	0.012	3.940	3.950	3.956	0.536	4.492
81 10 26 1320	.3	1		0.180	0.150	0.006	0.93	0.004	4.600	4.600	4.610	0.924	5.534
81 11 23 1300	.3	1		0.300	0.115	0.054	1.00	0.001	5.000	5.000	5.055	0.946	6.001
81 12 15 1325	.3	1		0.162	0.093	0.490	1.63			3.250		1.140	4.880
MAXIMUM				**0.322**	**0.150**	**2.020**	**3.780**	**2.000**	**5.000**	**5.000**	**5.055**	**1.970**	**6.185**
ARITH MEAN				**0.191**	**0.116**	**0.615<A**	**1.72**	**0.218**	**2.650**	**3.035**	**3.496**	**1.108**	**4.626**
GEOM MEAN				**0.175**	**0.113**	**0.095<A**	**1.47**	**0.016**	**1.272**	**2.414**	**3.087**	**1.033**	**4.366**
MINIMUM				**0.046**	**0.070**	**0.002**	**0.54**	**0.001**	**0.005**	**0.265**	**0.556**	**0.536**	**1.406**
STD DEV (GEOM *)				**0.073**	**0.027**	**0.763<A**	**1.02**	**0.627**	**1.665**	**1.528**	**1.302**	**0.444**	**1.311**
# SAMPLES (IN STATISTICS)				**11**	**10**	**11**	**11**	**10**	**10**	**9**	**10**	**11**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 12 1345		.3	1	351.0	13.0		600.0	5.60	27.000		7.83	8.0	
81 02 17 1220		.3	1	373.0	31.0		580.0	15.00	49.500		7.69	7.4	
81 03 23 1300		.3	1	364	10	354	560	4.20		220	8.09	7.90	1<T
81 04 27 1330		.3	1	357		351	570	2.00	33.00	217	7.66	7.50	
81 06 15 1400		.3	1	318		306	500	6.00		185	8.23	8.00	
81 07 28 1130		.3	1	286		261	440	2.30		180	7.81	8.10	
81 08 17 1430		.3	1	378		365	600	4.50	36.50	222	8.05	8.10	
81 09 14 1330		.3	1				570	6.50	37.00	227	7.50	8.00	1<T
81 10 26 1320		.3	1	429	15.0	414	620	6.80	35.50	240	8.09	8.00	1<T
81 11 23 1300		.3	1	415	4.9	410	645	3.50	33.50	251	8.28	8.60	1<T
81 12 15 1325		.3	1	352	15.9	336	560	4.20			7.98	8.65	1<T
MAXIMUM				**429**	**31.0**	**414**	**645**	**15.00**	**49.500**	**251**	**8.28**	**8.65**	**1**
ARITH MEAN				**362**	**15**	**350**	**567**	**5.51**	**36.00**	**218**	**7.93**	**8.0**	**1<A**
GEOM MEAN				**360**	**12**	**346**	**565**	**4.76**	**35.48**	**216**	**7.92**	**8.0**	**1<A**
MINIMUM				**286**	**4.9**	**261**	**440**	**2.00**	**27.000**	**180**	**7.50**	**7.4**	**1**
STD DEV (GEOM *)				**41**	**8**	**51**	**56**	**3.52**	**6.83**	**25**	**0.25**	**0.3**	**0<A**
# SAMPLES (IN STATISTICS)				**10**	**6**	**8**	**11**	**11**	**7**	**8**	**11**	**11**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 23 1300		.3	1	0.24	0.009	0.003<	0.005
81 09 14 1330		.3	1	0.37	0.003	0.004	0.003
81 10 26 1320		.3	1	0.53	0.070	0.013	0.011
81 11 23 1300		.3	1	0.22	0.011	0.008	0.008
81 12 15 1325		.3	1	0.44	0.008	0.003<	0.010
MAXIMUM				**0.53**	**0.070**	**0.013**	**0.011**
ARITH MEAN				**0.36**	**0.020**	**0.008**	**0.007**
GEOM MEAN				**0.34**	**0.011**	**0.007**	**0.007**
MINIMUM				**0.22**	**0.003**	**0.004**	**0.003**
STD DEV (GEOM *)				**0.13**	**0.028**	**0.005**	**0.003**
# SAMPLES (IN STATISTICS)				**5**	**5**	**3**	**5**

B.O.W./ SITE: **SOPER BROOK**
SAMPLE POINT: **HIGHWAY 2, BOWMANVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BOWMANVILLE CREEK**

STATION ID: **06-0116-003-02**
STORET CODE: **02 004 3540**

LAT: LONG: U T M: **17 0687250.0 4865650.0 4** REGION: **03** DISTANCE: **5.150**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1430		.3	1	31008	4	230	630	10<	30I	0.0	11.2	0.4	0.028
81 02 17 1300		.3	1	31059	6	95000	69000	1180	3000>	1.0	12.7	1.8	0.122
81 03 27 2240		.3	1	31077	6	200A	2100	20<	100A	4.8		0.4	0.028
81 05 01 1420		.3	1	31152	6 8	40A	660	10<	50A	12.6	12.90	0.2	0.011
81 05 29 1130		.3	1	31214	6 8	3100	17000	1140	950	15.0	11.70	0.6	0.014
81 06 19 1138		.3	1	31275	6 8	1400A	80000	380	280	17.2	12.0	0.2<T	0.024
81 07 31 1200		.3	1	31336	6 8	1780	3000>	1500	1000	17.0	12.10	1.0	0.037
81 08 21 1118		.3	1	31396	8	188A	1840	2<	2<	16.0	11.50	0.6	0.018
81 09 18 0900		.3	1	31459	6	2200	21000	850	580	10.5	13.70	1.0	0.023
81 10 30 1142		.3	1	31520	8	130	2800	60A	90A	8.6	13.60	1.0U	0.142
81 11 27 1148		.3	1	31582	8	1500A	9800	1080	1500>	3.5	12.80	0.2<T	0.100
81 12 09 1300		.3	1	31614	4	580A	4700	80A	40A	0.0	13.20	0.8	0.035
MAXIMUM						**95000**	**80000**	**1500**	**1000**	**17.2**	**13.70**	**1.8**	**0.142**
ARITH MEAN						**8862**	**19048**	**784**	**347**	**10.6**	**12.4**	**0.7<A**	**0.048**
GEOM MEAN						**794**	**6065**	**491**	**163**	**8.2**	**12.4**	**0.5<A**	**0.034**
MINIMUM						**40**	**630**	**60**	**30**	**1.0**	**11.2**	**0.2**	**0.011**
STD DEV (GEOM *)						**8***	**5***	**4***	**4***	**5.9**	**0.8**	**0.5<A**	**0.046**
# SAMPLES (IN STATISTICS)						**12**	**11**	**8**	**9**	**10**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1430		.3	1	0.011	0.048	0.250	0.010	2.340		2.398	0.202	2.600	319.0
81 02 17 1300		.3	1	0.048	0.136	0.820	0.025	3.380		3.541	0.684	4.225	310.0
81 03 27 2240		.3	1	0.006	0.014	0.33	0.006	2.340	2.350	2.360	0.316	2.676	304
81 05 01 1420		.3	1	0.004	0.056	0.35	0.010	1.590	1.600	1.656	0.294	1.950	291
81 05 29 1130		.3	1	0.012	0.010	0.37	0.052	1.060	1.150	1.122	0.360	1.482	326
81 06 19 1138		.3	1	0.010	0.002	0.32	0.026	1.070	1.100	1.098	0.318	1.416	280
81 07 31 1200		.3	1	0.005	0.002<T	0.26	0.003	0.915	0.920	0.920	0.258	1.178	
81 08 21 1118		.3	1	0.008	0.012	0.26	0.001<T	1.050	1.050	1.063	0.248	1.311	258
81 09 18 0900		.3	1		0.004	0.25					0.246		
81 10 30 1142		.3	1	0.110	0.012	0.47	0.012	5.240	5.250	5.264	0.458	5.722	407
81 11 27 1148		.3	1	0.023	0.034	0.70	0.026	3.270	3.300	3.330	0.666	3.996	364
81 12 09 1300		.3	1	0.008	0.006	0.43	0.021	3.330	3.350	3.357	0.424	3.781	332
MAXIMUM				**0.110**	**0.136**	**0.820**	**0.052**	**5.240**	**5.250**	**5.264**	**0.684**	**5.722**	**407**
ARITH MEAN				**0.022**	**0.028<A**	**0.40**	**0.017<A**	**2.326**	**2.230**	**2.374**	**0.373**	**2.758**	**319**
GEOM MEAN				**0.013**	**0.013<A**	**0.37**	**0.011<A**	**1.980**	**1.860**	**2.025**	**0.346**	**2.412**	**316**
MINIMUM				**0.004**	**0.002**	**0.250**	**0.001**	**0.915**	**0.920**	**0.920**	**0.202**	**1.178**	**258**
STD DEV (GEOM *)				**0.032**	**0.039<A**	**0.18**	**0.015<A**	**1.373**	**1.478**	**1.383**	**0.159**	**1.491**	**42**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**	**10**

(CONTD)

B.O.W./ SITE: **SOPER BROOK**
SAMPLE POINT: **HIGHWAY 2, BOWMANVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BOWMANVILLE CREEK**

STATION ID: **06-0116-003-02**
STORET CODE: **02 004 3540**

LAT: LONG: U T M: **17 0687250.0 4865650.0 4** REGION: **03** DISTANCE: **5.150**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 12 1430		.3	1	13.0	306.0	520.0		12.000		7.96	8.2		
81 02 17 1300		.3	1	34.0	276.0	460.0		20.000		7.88	7.4		
81 03 27 2240		.3	1	7		495	7.50	12.50	211	8.32	8.00	0.002	0.003<
81 05 01 1420		.3	1		284	460	3.00	11.00	199	8.33	7.50		
81 05 29 1130		.3	1		310	480	8.20		219	8.55	7.50		
81 06 19 1138		.3	1		272	425	3.40	7.65	201	8.36	8.50		
81 07 31 1200		.3	1			420	1.27		200	7.80	8.20		
81 08 21 1118		.3	1		242	430	1.96	8.65	200	8.38	8.10		
81 09 18 0900		.3	1			460	2.40	9.15	207	8.32	7.90		
81 10 30 1142		.3	1		389	600	2.40	18.50	249	8.41	8.20	0.007	0.006
81 11 27 1148		.3	1		309	500	28.00	16.50	229	8.29	8.50	0.005	0.003<
81 12 09 1300		.3	1		307	560	11.80	16.50	206	8.35	8.65	0.006	0.006
MAXIMUM				**34.0**	**389**	**600**	**28.00**	**20.000**	**249**	**8.55**	**8.65**	**0.007**	**0.006**
ARITH MEAN				**18**	**299**	**484**	**6.99**	**13.24**	**212**	**8.25**	**8.0**	**0.005**	**0.006**
GEOM MEAN				**14**	**297**	**481**	**4.44**	**12.59**	**212**	**8.24**	**8.0**	**0.005**	**0.006**
MINIMUM				**7**	**242**	**420**	**1.27**	**7.65**	**199**	**7.80**	**7.4**	**0.002**	**0.006**
STD DEV (GEOM *)				**14**	**40**	**54**	**8.13**	**4.35**	**16**	**0.23**	**0.4**	**0.002**	**0.000**
# SAMPLES (IN STATISTICS)				**3**	**9**	**12**	**10**	**10**	**10**	**12**	**12**	**4**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 03 27 2240		.3	1	0.002
81 10 30 1142		.3	1	0.003
81 11 27 1148		.3	1	0.021
81 12 09 1300		.3	1	0.011
MAXIMUM				**0.021**
ARITH MEAN				**0.009**
GEOM MEAN				**0.006**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.009**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **ORONO CREEK**
SAMPLE POINT: **AT CONCESSION ROAD SOUTHWEST OF ORONO**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WILMOT CREEK**

STATION ID: **06-0117-002-02**
STORET CODE: **02 004 3490**

LAT: LONG: U T M: **17 0691000.0 4869675.0 4** REGION: **03** DISTANCE: **8.047**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 12 1445		.3	1	31009	4	300	660	70I	20I	0.0	11.8		0.006
81 02 17 1335		.3	1	31061	6	39000	17000	200	500	1.5	12.8		0.068
81 03 27 2124		.3	1	31074	6	100<	0	100A	20<	5.0	11.80	0.4	0.008
81 04 30 1215		.3	1	31144	6 8	740	3000>	96	36	9.8	12.70	0.4	0.010
81 05 29 1025		.3	1	31212	6 8	740	3000>	200	290	15.0	11.70	0.6	0.136
81 06 19 1032		.3	1	31273	6 8	1500	16000	90A	70A	16.2	12.0	0.2<T	0.025
81 08 21 1020		.3	1	31394	8	390	920	136	36	-10.0	10.40	0.4	0.017
81 09 18 0745		.3	1	31457		720A	6700	90A	170	11.0	12.40	0.8	0.014
81 10 30 1030		.3	1	31518	8	170A	3800	30A	50A	9.5	12.50	0.8U	0.011
81 11 27 1107		.3	1	31580	8	1470A	9600	270	1410	4.0	11.90	0.2<T	0.039
81 12 09 1140		.3	1	31612	8	250	2600	20A	20A	0.0	13.80	0.8	0.010
MAXIMUM						**39000**	**17000**	**270**	**1410**	**16.2**	**13.80**	**0.8**	**0.136**
ARITH MEAN						**4528**	**7160**	**118**	**260**	**9.0**	**12.1**	**0.5<A**	**0.031**
GEOM MEAN						**837**	**4243**	**94**	**95**	**7.2**	**12.1**	**0.5<A**	**0.019**
MINIMUM						**170**	**660**	**20**	**20**	**1.5**	**10.40**	**0.2**	**0.006**
STD DEV (GEOM *)						**5***	**3***	**2***	**4***	**5.2**	**0.8**	**0.2<A**	**0.039**
# SAMPLES (IN STATISTICS)						**10**	**8**	**11**	**10**	**8**	**11**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1445		.3	1		0.032								
81 02 17 1335		.3	1		0.056								
81 03 27 2124		.3	1	0.002	0.010	0.22	0.004	2.850	2.850	2.864	0.210	3.074	410
81 04 30 1215		.3	1	0.001	0.006	0.30	0.009	0.270	2.800	0.285	0.294	0.579	401
81 05 29 1025		.3	1	0.001	0.016	0.60	0.010	1.740	1.750	1.766	0.584	2.350	391
81 06 19 1032		.3	1	0.011	0.002<T	0.31	0.054	2.100	2.150	2.156	0.308	2.464	384
81 08 21 1020		.3	1	0.007	0.004	0.29	0.001<T	2.550	2.550	2.555	0.286	2.841	362
81 09 18 0745		.3	1		0.006	0.24					0.234		
81 10 30 1030		.3	1		0.010	0.31					0.300		
81 11 27 1107		.3	1		0.006	0.37					0.364		
81 12 09 1140		.3	1		0.008	0.25					0.242		
MAXIMUM				**0.011**	**0.056**	**0.60**	**0.054**	**2.850**	**2.850**	**2.864**	**0.584**	**3.074**	**410**
ARITH MEAN				**0.004**	**0.014<A**	**0.32**	**0.016<A**	**1.902**	**2.420**	**1.925**	**0.314**	**2.262**	**390**
GEOM MEAN				**0.003**	**0.009<A**	**0.31**	**0.007<A**	**1.483**	**2.381**	**1.513**	**0.300**	**1.965**	**389**
MINIMUM				**0.001**	**0.002**	**0.22**	**0.001**	**0.270**	**1.750**	**0.285**	**0.210**	**0.579**	**362**
STD DEV (GEOM *)				**0.004**	**0.016<A**	**0.11**	**0.022<A**	**1.006**	**0.466**	**1.006**	**0.111**	**0.984**	**18**
# SAMPLES (IN STATISTICS)				**5**	**11**	**9**	**5**	**5**	**5**	**5**	**9**	**5**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 12 1445		.3	1		720.0				8.02	8.1			
81 02 17 1335		.3	1		600.0				8.02	7.6			
81 03 27 2124		.3	1		660	0.85	58.00	233	8.15	7.80	1<T	0.06	
81 04 30 1215		.3	1	399	660	0.80	62.00	230	8.23				
81 05 29 1025		.3	1	389	600	1.50		223	8.37	7.00			
81 06 19 1032		.3	1	382	610	1.00	49.50	213	8.33	8.30			
81 08 21 1020		.3	1	352	700	1.36	65.00	227	8.30	7.85			
81 09 18 0745		.3	1		660	0.57	60.00	229	8.16	7.75	1<T	0.06	0.001<
81 10 30 1030		.3	1		700	0.55	58.00	245	8.27	7.85	1<T	0.05	0.001<
81 11 27 1107		.3	1		620	3.60	47.50	234	8.23	8.20	1<T	0.18	0.001<
81 12 09 1140		.3	1		720	0.81	68.00	172	8.13	8.75	1<T	0.06	0.001<
MAXIMUM				**399**	**720.0**	**3.60**	**68.00**	**245**	**8.37**	**8.75**	**1**	**0.18**	
ARITH MEAN				**380**	**659**	**1.23**	**58.50**	**223**	**8.20**	**7.9**	**1<A**	**0.08**	
GEOM MEAN				**380**	**657**	**1.03**	**58.11**	**222**	**8.20**	**7.9**	**1<A**	**0.07**	
MINIMUM				**352**	**600.0**	**0.55**	**47.50**	**172**	**8.02**	**7.00**	**1**	**0.05**	
STD DEV (GEOM *)				**20**	**46**	**0.95**	**7.07**	**21**	**0.12**	**0.4**	**0<A**	**0.05**	
# SAMPLES (IN STATISTICS)				**4**	**11**	**9**	**8**	**9**	**11**	**10**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 27 2124		.3	1	0.003	0.003<	0.001<	
81 09 18 0745		.3	1	0.008	0.004	0.002	0.0010
81 10 30 1030		.3	1	0.014	0.009	0.007	0.0030
81 11 27 1107		.3	1	0.006	0.005	0.004	0.0020
81 12 09 1140		.3	1	0.140	0.007	0.008	0.002
MAXIMUM				**0.140**	**0.009**	**0.008**	**0.0030**
ARITH MEAN				**0.034**	**0.006**	**0.005**	**0.002**
GEOM MEAN				**0.012**	**0.006**	**0.005**	**0.001**
MINIMUM				**0.003**	**0.004**	**0.002**	**0.0010**
STD DEV (GEOM *)				**0.059**	**0.002**	**0.003**	**0.000**
# SAMPLES (IN STATISTICS)				**5**	**4**	**4**	**4**

B.O.W./ SITE: **WILMOT CREEK**
SAMPLE POINT: **AT HIGHWAY 2, 2 MILES WEST OF NEWCASTLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WILMOT CREEK**

STATION ID: **06-0117-003-02**
STORET CODE: **02 004 3490**

LAT: LONG: U T M: **17 0691999.0 4864750.0 4** REGION: **03** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1510		.3	1	31010	4	0.382	110	190	10<	10I	0.0	11.8	0.6
81 02 17 1320		.3	1	31060	4	2.000	143000	118000	420	2940	0.5	11.9	1.8
81 03 27 2146		.3	1	31075	6	1.040	100<	700A	20<	50<	5.0	11.60	0.4
81 05 01 1400		.3	1	31151	6 8	0.885	40A	660	10<	10<	12.6	12.60	0.2<T
81 05 29 1048		.3	1	31213	6 8	1.110	700	3000>	310	250	15.0	11.90	0.6
81 06 19 1105		.3	1	31274	6 8	0.583	100A	14000	10<	10A	17.0	12.40	0.2<T
81 07 31 1130		.3	1	31335	6 8	0.513	380	3000>	220	200	17.2	12.30	1.0
81 08 21 1130		.3	1	31395	8	0.507	264A	1400	230	186	16.0	11.70	0.6
81 09 18 0822		.3	1	31458	8	0.654	530A	5000	150	110	10.5	13.60	0.8
81 10 30 1127		.3	1	31519	8	1.210	280	2100	20A	20A	8.5	13.90	1.0U
81 11 27 1130		.3	1	31581	8	1.600	1240A	10200	360	1150	3.0	12.70	0.6
81 12 09 1200		.3	1	31613	8	0.877	140A	4000	20A	10A	0.0	14.20	0.4
MAXIMUM						**2.000**	**143000**	**118000**	**420**	**2940**	**17.2**	**14.20**	**1.8**
ARITH MEAN						**0.947**	**13344**	**15625**	**216**	**489**	**10.5**	**12.5**	**0.7<A**
GEOM MEAN						**0.844**	**438**	**3118**	**139**	**96**	**7.5**	**12.5**	**0.6<A**
MINIMUM						**0.382**	**40**	**190**	**20**	**10**	**0.5**	**11.60**	**0.2**
STD DEV (GEOM *)						**0.483**	**9***	**6***	**3***	**8***	**6.1**	**0.8**	**0.4<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**8**	**10**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 12 1510		.3	1	0.020	0.057	0.012	0.240	0.003	1.750		1.765	0.228	1.993
81 02 17 1320		.3	1	0.215	0.037	0.112	1.250	0.018	2.290		2.420	1.138	3.558
81 03 27 2146		.3	1	0.018	0.002	0.016	0.33	0.004	0.705	0.710	0.725	0.314	1.039
81 05 01 1400		.3	1	0.010	0.006	0.024	0.23	0.004	1.600	1.600	1.628	0.206	1.834
81 05 29 1048		.3	1	0.020	0.003	0.026	0.45	0.011	1.040	1.050	1.077	0.424	1.501
81 06 19 1105		.3	1	0.017	0.006	0.006	0.25	0.024	1.230	1.250	1.260	0.244	1.504
81 07 31 1130		.3	1	0.142	0.002	0.002	0.45	0.001	1.250	1.250	1.253	0.448	1.701
81 08 21 1130		.3	1	0.048	0.008	0.006	0.34	0.001<T	1.300	1.300	1.307	0.334	1.641
81 09 18 0822		.3	1	0.021		0.004	0.19					0.186	
81 10 30 1127		.3	1	0.121	0.098	0.014	0.33	0.003	2.200	2.200	2.217	0.316	2.533
81 11 27 1130		.3	1	0.058	0.098	0.036	0.50	0.006	1.740	1.750	1.782	0.464	2.246
81 12 09 1200		.3	1	0.018	0.003	0.040	0.28	0.009	1.890	1.900	1.939	0.240	2.179
MAXIMUM				**0.215**	**0.098**	**0.112**	**1.250**	**0.024**	**2.290**	**2.200**	**2.420**	**1.138**	**3.558**
ARITH MEAN				**0.059**	**0.029**	**0.025**	**0.40**	**0.008<A**	**1.545**	**1.446**	**1.579**	**0.378**	**1.975**
GEOM MEAN				**0.036**	**0.011**	**0.014**	**0.35**	**0.005<A**	**1.468**	**1.376**	**1.499**	**0.331**	**1.883**
MINIMUM				**0.010**	**0.002**	**0.002**	**0.19**	**0.001**	**0.705**	**0.710**	**0.725**	**0.186**	**1.039**
STD DEV (GEOM *)				**0.066**	**0.038**	**0.030**	**0.28**	**0.007<A**	**0.489**	**0.459**	**0.508**	**0.257**	**0.668**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**

(CONTD)

B.O.W./ SITE: **WILMOT CREEK**
SAMPLE POINT: **AT HIGHWAY 2, 2 MILES WEST OF NEWCASTLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WILMOT CREEK**

STATION ID: **06-0117-003-02**
STORET CODE: **02 004 3490**

LAT: LONG: U.T.M: **17 0691999.0 4864750.0 4** REGION: **03** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 12 1510	.3	1		327.0	20.0	307.0	520.0	3.70	19.500		7.99	8.2	
81 02 17 1320	.3	1		431.0	136.0		500.0	20.00	33.500		7.92	7.5	
81 03 27 2146	.3	1		288	4		465	2.80	15.00	200	8.40	8.00	1<T
81 05 01 1400	.3	1		300		294	475	2.00	20.00	198	8.34	7.40	
81 05 29 1048	.3	1		328		324	480	2.00		208	8.55	7.40	
81 06 19 1105	.3	1		315		303	465	1.80	20.50	193	8.40	8.49	
81 07 31 1130	.3	1					950	7.20		193	8.37	8.20	
81 08 21 1130	.3	1		318		255	480	1.67	20.50	202	8.32	8.30	
81 09 18 0822	.3	1					490	0.74	20.00	208	8.34	7.80	1<T
81 10 30 1127	.3	1		346	5.8		540	1.27	22.50	233	8.45	8.15	1<T
81 11 27 1130	.3	1		324	35.0		500	22.00	20.50	119	8.23	8.40	1<T
81 12 09 1200	.3	1		265	9.7		510	5.80	21.00	149	8.33	8.90	1<T
MAXIMUM				**431.0**	**136.0**	**324**	**950**	**22.00**	**33.500**	**233**	**8.55**	**8.90**	**1**
ARITH MEAN				**324**	**35**	**296**	**531**	**5.91**	**21.30**	**190**	**8.30**	**8.0**	**1<A**
GEOM MEAN				**321**	**16**	**295**	**520**	**3.37**	**20.90**	**187**	**8.30**	**8.0**	**1<A**
MINIMUM				**265**	**4**	**255**	**465**	**0.74**	**15.00**	**119**	**7.92**	**7.40**	**1**
STD DEV (GEOM *)				**44**	**50**	**25**	**133**	**7.31**	**4.69**	**33**	**0.18**	**0.4**	**0<A**
# SAMPLES (IN STATISTICS)				**10**	**6**	**5**	**12**	**12**	**10**	**10**	**12**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 27 2146	.3	1		0.26	0.002	0.003<	0.002
81 09 18 0822	.3	1		0.10	0.170	0.003<	0.006
81 10 30 1127	.3	1		0.17	0.029	0.009	0.006
81 11 27 1130	.3	1		0.67	0.006	0.006	0.006
81 12 09 1200	.3	1		0.13	0.008	0.005	0.012
MAXIMUM				**0.67**	**0.170**	**0.009**	**0.012**
ARITH MEAN				**0.27**	**0.043**	**0.007**	**0.006**
GEOM MEAN				**0.21**	**0.014**	**0.006**	**0.006**
MINIMUM				**0.10**	**0.002**	**0.005**	**0.002**
STD DEV (GEOM *)				**0.23**	**0.072**	**0.002**	**0.004**
# SAMPLES (IN STATISTICS)				**5**	**5**	**3**	**5**

B.O.W./ SITE: **GRAHAM CREEK**
SAMPLE POINT: **1ST.BR.UPSTR.FROM LONTARIO,NEWCASTLE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD105**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GRAHAM CREEK**

STATION ID: **06-0118-001-02**
STORET CODE: **02 004 3480**

LAT: LONG: U.T.M: **17 0694075.0 4864050.0 4** REGION: **03** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1000	.3	1		31012	4	50	790I	20<	20<	0.0	13.4	0.8	0.018
81 02 17 1400	.3	1		31062	4	41000	49000	940	1420	0.8	13.2	1.7	0.120
81 03 27 2215	.3	1		31076	6	500A	0	20<	20A	5.0	12.40	0.4	0.014
81 04 27 1420	.3	1		31104	6 8	80A	1100	10<	10<	13.8	11.40	0.8	0.014
81 05 25 1400	.3	1		31166	6 8	700A	170000	164	24	17.2	11.60	0.8	0.013
81 06 19 1017	.3	1		31272	6 8	600A	9900	280	160	19.2	10.50	0.2<T	0.044
81 07 28 1230	.3	1		31288	6 8	5800A	70000	740	1490	17.8	9.30	0.6	0.038
81 08 17 1508	.3	1		31349	6 8	1100	16000	170	160A	19.8	11.10	0.6	0.038
81 09 14 1430	.3	1		31409	8	390A	5000	120	40A	20.0	14.40	0.6	0.270
81 10 30 1107	.3	1		31521	8	520A	4100	230	250	8.8	13.90	2.2U	0.288
81 11 23 1400	.3	1		31533	8	3300	4300	10A	140	3.5	15.30	0.2<T	0.020
81 12 15 1402	.3	1		31623	4	100	1100	90A	10A	0.5	16.40	1.0	0.071
MAXIMUM						**41000**	**170000**	**940**	**1490**	**20.0**	**16.40**	**2.2**	**0.288**
ARITH MEAN						**4512**	**30117**	**305**	**371**	**11.5**	**12.7**	**0.8<A**	**0.079**
GEOM MEAN						**704**	**7929**	**172**	**114**	**7.0**	**12.5**	**0.7<A**	**0.043**
MINIMUM						**50**	**790**	**10**	**10**	**0.5**	**9.30**	**0.2**	**0.013**
STD DEV (GEOM *)						**7***	**6***	**4***	**6***	**7.9**	**2.0**	**0.6<A**	**0.098**
# SAMPLES (IN STATISTICS)						**12**	**11**	**9**	**10**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1000	.3	1		0.002	0.080	0.350	0.010	1.000		1.090	0.270	1.360	334.0
81 02 17 1400	.3	1		0.033	0.152	0.700	0.016	0.930		1.098	0.548	1.646	333.0
81 03 27 2215	.3	1		0.003	0.014	0.22	0.003	1.700	1.700	1.717	0.206	1.923	309
81 04 27 1420	.3	1		0.002	0.030	0.36	0.008	0.290	0.300	0.328	0.330	0.658	276
81 05 25 1400	.3	1		0.004	0.042	0.34	0.012	0.225	0.235	0.279	0.298	0.577	230
81 06 19 1017	.3	1		0.003	0.004	0.38	0.021	0.360	0.380	0.385	0.376	0.761	270
81 07 28 1230	.3	1		0.004	0.010	0.38	0.024	0.225	0.250	0.259	0.370	0.629	248
81 08 17 1508	.3	1		0.005	0.054	0.62	0.008	0.145	0.155	0.207	0.566	0.773	290
81 09 14 1430	.3	1		0.240	0.024	0.39	0.001	0.040	0.040	0.065	0.366	0.431	
81 10 30 1107	.3	1		0.235	0.014	0.60	0.002	0.470	0.470	0.486	0.586	1.072	326
81 11 23 1400	.3	1		0.060	0.010	0.38	0.002	1.650	1.650	1.662	0.370	2.032	311
81 12 15 1402	.3	1		0.003	0.016	0.24	0.006	0.990	1.000	1.012	0.224	1.236	275
MAXIMUM				**0.240**	**0.152**	**0.700**	**0.024**	**1.700**	**1.700**	**1.717**	**0.586**	**2.032**	**334.0**
ARITH MEAN				**0.049**	**0.037**	**0.41**	**0.009**	**0.669**	**0.618**	**0.716**	**0.376**	**1.091**	**291**
GEOM MEAN				**0.010**	**0.023**	**0.39**	**0.006**	**0.427**	**0.375**	**0.493**	**0.356**	**0.971**	**289**
MINIMUM				**0.002**	**0.004**	**0.22**	**0.001**	**0.040**	**0.040**	**0.065**	**0.206**	**0.431**	**230**
STD DEV (GEOM *)				**0.090**	**0.042**	**0.14**	**0.008**	**0.576**	**0.614**	**0.577**	**0.128**	**0.547**	**34**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 13 1000		.3	1	16.0		520.0	6.40	13.500		7.94	8.1		
81 02 17 1400		.3	1	54.0		460.0	11.00	26.500		7.84	7.4		
81 03 27 2215		.3	1	7		500	3.20	20.00	210	8.37	8.00	1<T	0.14
81 04 27 1420		.3	1		273	440	2.20	14.00	195	8.43	8.50		
81 05 25 1400		.3	1		224	415	2.00	11.00	184	8.36	8.10		
81 06 19 1017		.3	1		266	420	3.70	9.25	192	8.42	8.45		
81 07 28 1230		.3	1		240	400	2.10		179	8.16	8.10		
81 08 17 1508		.3	1		281	420	4.00	7.75	200	8.44	8.55		
81 09 14 1430		.3	1			400	2.20	9.15	181	8.54	8.75	1<T	0.12
81 10 30 1107		.3	1	22.9		450	5.10	14.00	207	8.61	8.20	1<T	0.60
81 11 23 1400		.3	1	3.1		455	3.50	14.50	217	8.56	7.75	1<T	0.14
81 12 15 1402		.3	1	31.0		450	9.10	13.50	178	8.38	8.45	1<T	0.54
MAXIMUM				**54.0**	**281**	**520.0**	**11.00**	**26.500**	**217**	**8.61**	**8.75**	**1**	**0.60**
ARITH MEAN				**22**	**257**	**444**	**4.54**	**13.92**	**194**	**8.34**	**8.2**	**1<A**	**0.31**
GEOM MEAN				**15**	**256**	**442**	**3.86**	**13.11**	**194**	**8.33**	**8.1**	**1<A**	**0.24**
MINIMUM				**3.1**	**224**	**400**	**2.00**	**7.75**	**178**	**7.84**	**7.4**	**1**	**0.12**
STD DEV (GEOM *)				**18**	**24**	**37**	**2.92**	**5.35**	**14**	**0.24**	**0.3**	**0<A**	**0.24**
# SAMPLES (IN STATISTICS)				**6**	**5**	**12**	**12**	**11**	**10**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 03 27 2215		.3	1	0.003	0.003<	0.004
81 09 14 1430		.3	1	0.007	0.003<	0.007
81 10 30 1107		.3	1	0.008	0.008	0.005
81 11 23 1400		.3	1	0.006	0.006	0.004
81 12 15 1402		.3	1	0.005	0.008	0.013
MAXIMUM				**0.008**	**0.008**	**0.013**
ARITH MEAN				**0.006**	**0.007**	**0.007**
GEOM MEAN				**0.006**	**0.007**	**0.006**
MINIMUM				**0.003**	**0.006**	**0.004**
STD DEV (GEOM *)				**0.002**	**0.001**	**0.004**
# SAMPLES (IN STATISTICS)				**5**	**3**	**5**

B.O.W./ SITE: **GANARASKA RIVER**
SAMPLE POINT: **PETER STREET PORT HOPE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GANARASKA RIVER**

STATION ID: **06-0129-001-02**
STORET CODE: **02 004 3240**

LAT: LONG: U T M: **17 0717300.0 4869525.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 13 1100		.3	1	31013	4	580	940	40I	20I	0.0	10.2	0.4	0.028
81 02 17 1425		.3	1	31063	6	32000	42000	380	880	1.5	13.5	1.2	0.082
81 03 24 0850		.3	1	31029	6	80A	2900	10A	20A	2.5	11.40	0.4	0.021
81 04 27 1450		.3	1	31105	6 8	270	1900	10A	10<	12.2	10.70	0.6	0.016
81 05 25 1430		.3	1	31167	6 8	1100A	160000	10A	10<	17.2	11.80	0.6	0.024
81 05 28 1145		.3		11137									0.040
81 06 18 1145		.3		11139									0.040
81 06 19 0946		.3	1	31271	6 8	1300A	29000	110	90A	19.2	10.3	0.2<T	0.032
81 07 28 1300		.3	1	31289	6 8	30000A	330000	15000	5600	17.0	9.20	1.0	0.072
81 08 10 1145		.3		11141									0.055
81 08 17 1540		.3	1	31350	8	1600	11800	40A	80A	18.5	11.10	0.6	0.085
81 08 27 1145		.3		11143									0.004
81 09 14 1500		.3	1	31410	8	1100	14000	130	30A	19.2	12.60	0.8	0.460
81 09 24 1145		.3		11145									0.015
81 10 27		.3	1	31472	8	7200A	43000	900	1450	10.0	13.70	0.6	0.035
81 11 23 1430		.3	1	31534	8	2500	2900	190	80A	5.0	14.10	2.0<T	0.018
81 12 15 1436		.3	1	31624	8	980	3000	220	30A	3.5	15.60	0.8	0.021
MAXIMUM						**32000**	**330000**	**15000**	**5600**	**19.2**	**15.60**	**2.0**	**0.460**
ARITH MEAN						**6559**	**53453**	**1420**	**828**	**11.4**	**12.0**	**0.8<A**	**0.062**
GEOM MEAN						**1688**	**12867**	**114**	**131**	**8.5**	**11.8**	**0.7<A**	**0.034**
MINIMUM						**80**	**940**	**10**	**20**	**1.5**	**9.20**	**0.2**	**0.004**
STD DEV (GEOM *)						**6***	**6***	**8***	**7***	**7.2**	**1.9**	**0.5<A**	**0.105**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**11**	**12**	**12**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 13 1100		.3	1	0.007	0.056	0.250	0.010	1.050		1.116	0.194	1.310	282.0
81 02 17 1425		.3	1	0.017	0.096	0.500	0.017	1.480		1.593	0.404	1.997	308.0
81 03 24 0850		.3	1	0.005	0.010	0.20	0.005	0.935	0.940	0.950	0.190	1.140	266
81 04 27 1450		.3	1	0.002	0.020	0.22	0.006	0.600	0.625	0.626	0.200	0.826	278
81 05 25 1430		.3	1	0.003	0.022	0.25	0.011	0.345	0.355	0.378	0.228	0.606	248
81 05 28 1145		.3		0.006	0.014	0.42	0.086	0.500	0.585	0.600	0.406	1.006	
81 06 18 1145		.3		0.012	0.002>	0.40	0.092	0.345	0.010	0.439	0.398	0.837	
81 06 19 0946		.3	1	0.007	0.002<T	0.35	0.007	0.435	0.440	0.444	0.348	0.792	254
81 07 28 1300		.3	1	0.007	0.010	0.42	0.034	0.445	0.480	0.489	0.410	0.899	259
81 08 10 1145		.3		0.003	0.006	0.30	0.004	0.385	0.390	0.395	0.294	0.689	

(CONTD)

B.O.W / SITE: **GANARASKA RIVER**
SAMPLE POINT: **PETER STREET PORT HOPE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GANARASKA RIVER**

STATION ID: **06-0129-001-02**
STORET CODE: **02 004 3240**

LAT: LONG: U T M: **17 0717300.0 4869525.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 08 17 1540		.3	1	0.028	0.080	0.48	0.030	0.370	0.400	0.480	0.400	0.880	268
81 08 27 1145		.3		0.004	0.002	0.14	0.001>	0.340	0.340	0.343	0.138	0.481	
81 09 14 1500		.3	1	0.210	0.020	0.23	0.004	0.430	0.435	0.454	0.210	0.664	
81 09 24 1145		.3		0.002	0.022	0.22	0.005	0.425	0.430	0.452	0.198	0.650	
81 10 27		.3	1	0.011	0.030	0.33	0.003	0.890	0.895	0.923	0.300	1.223	291
81 11 23 1430		.3	1	0.006	0.008	0.31	0.001	0.560	0.560	0.569	0.302	0.871	302
81 12 15 1436		.3	1	0.004	0.010	0.21	0.005	1.000	1.000	1.015	0.200	1.215	243
MAXIMUM				**0.210**	**0.096**	**0.500**	**0.092**	**1.480**	**1.000**	**1.593**	**0.410**	**1.997**	**308.0**
ARITH MEAN				**0.020**	**0.025<A**	**0.30**	**0.020**	**0.620**	**0.526**	**0.663**	**0.284**	**0.946**	**272**
GEOM MEAN				**0.007**	**0.015<A**	**0.29**	**0.009**	**0.555**	**0.405**	**0.599**	**0.268**	**0.893**	**271**
MINIMUM				**0.002**	**0.002**	**0.14**	**0.001**	**0.340**	**0.010**	**0.343**	**0.138**	**0.481**	**243**
STD DEV (GEOM *)				**0.049**	**0.028<A**	**0.10**	**0.029**	**0.330**	**0.259**	**0.341**	**0.095**	**0.358**	**21**
# SAMPLES (IN STATISTICS)				**17**	**16**	**17**	**16**	**17**	**15**	**17**	**17**	**17**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 13 1100		.3	1	22.0		450.0	7.10	6.150			7.83	8.0	
81 02 17 1425		.3	1	50.0		440.0	15.00	22.000			7.92	7.6	
81 03 24 0850		.3	1	7		435	3.80	8.30		202	8.21	8.20	1<T
81 04 27 1450		.3	1		272	410	4.00	8.75		188	8.51	8.40	
81 05 25 1430		.3	1		240	370	3.50	6.35		169	8.37	8.05	
81 05 28 1145		.3				390		6.05	21.0		8.28		
81 06 18 1145		.3				360		5.55	19.5		8.18		
81 06 19 0946		.3	1		241	370	8.00	5.20		176	8.35	8.55	
81 07 28 1300		.3	1		215	330	2.50			164	8.14	8.20	
81 08 10 1145		.3				400		4.90	19.0		8.36		
81 08 17 1540		.3	1		254	390	5.00	6.85		192	8.41	8.40	
81 08 27 1145		.3				360		4.70	19.5		8.30		
81 09 14 1500		.3	1			400	2.20	8.15		189	8.46	8.35	1<T
81 09 24 1145		.3				410		7.75	22.0		8.42		
81 10 27		.3	1	18.0		440	10.20	11.00		211	8.28	8.00	1<T
81 11 23 1430		.3	1	3.5		470	3.10	12.00		216	8.43	8.65	1<T
81 12 15 1436		.3	1	29.6		410	12.70	7.50		179	8.53	8.75	1<T
MAXIMUM				**50.0**	**272**	**470**	**15.00**	**22.000**	**22.0**	**216**	**8.53**	**8.75**	**1**
ARITH MEAN				**21**	**244**	**402**	**6.42**	**8.20**	**20.2**	**189**	**8.29**	**8.2**	**1<A**
GEOM MEAN				**15**	**244**	**400**	**5.31**	**7.53**	**20.2**	**188**	**8.29**	**8.2**	**1<A**
MINIMUM				**3.5**	**215**	**330**	**2.20**	**4.70**	**19.0**	**164**	**7.83**	**7.6**	**1**
STD DEV (GEOM *)				**16**	**21**	**37**	**4.24**	**4.21**	**1.3**	**17**	**0.19**	**0.3**	**0<A**
# SAMPLES (IN STATISTICS)				**6**	**5**	**17**	**12**	**16**	**5**	**10**	**17**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	URANIUM UNF.TOT. MG/L
TEST-NAME:				*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*	*UUUT*
81 03 24 0850		.3	1	0.26		0.002	0.003<	0.006		
81 05 28 1145		.3		0.63	0.001>	0.015			0.002>	
81 06 18 1145		.3		0.180		0.039			0.001	
81 08 10 1145		.3		0.93		0.005			0.002	
81 08 27 1145		.3		0.30		0.130			0.002>	
81 09 14 1500		.3	1	0.20		0.005	0.003<	0.009		
81 09 24 1145		.3		0.24		0.022			0.002	
81 10 27		.3	1	0.65		0.006	0.015	0.020		
81 11 23 1430		.3	1	0.25		0.005	0.006	0.003		
81 12 15 1436		.3	1	0.53		0.009	0.004	0.002		
MAXIMUM				**0.93**		**0.130**	**0.015**	**0.020**	**0.002**	
ARITH MEAN				**0.41**		**0.024**	**0.008**	**0.008**	**0.002**	
GEOM MEAN				**0.35**		**0.011**	**0.007**	**0.006**	**0.002**	
MINIMUM				**0.180**		**0.002**	**0.004**	**0.002**	**0.001**	
STD DEV (GEOM *)				**0.25**		**0.039**	**0.006**	**0.007**	**0.001**	
# SAMPLES (IN STATISTICS)				**10**		**10**	**3**	**5**	**3**	

B.O.W / SITE: **GANARASKA RIVER**
SAMPLE POINT: **AT HWY NO. 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GANARASKA RIVER**

STATION ID: **06-0129-003-02**
STORET CODE: **02 004 3240**

LAT: LONG: U T M: **17 0717000.0 4871800.0 4** REGION: **03** DISTANCE: **3.057**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L
TEST-NAME:				*SAMPLE*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*
81 05 28 1215		3		11138	0.030	0.004	0.006	0.32	0.081	0.495	0.575	0.582	0.314
81 06 18 1215		3		11140	0.032	0.006	0.006	0.35	0.021	0.430	0.450	0.457	0.344
81 08 10 1215		3		11142	0.038	0.003	0.006	0.30	0.002	0.375	0.375	0.383	0.294
81 08 27 1215		3		11144	0.005	0.005	0.002	0.16	0.001>	0.340	0.340	0.343	0.158
81 09 24 1215		3		11146	0.016	0.002	0.030	0.22	0.006	0.410	0.420	0.446	0.190
MAXIMUM					**0.038**	**0.006**	**0.030**	**0.35**	**0.081**	**0.495**	**0.575**	**0.582**	**0.344**
ARITH MEAN					**0.024**	**0.004**	**0.010**	**0.27**	**0.027**	**0.410**	**0.432**	**0.442**	**0.260**
GEOM MEAN					**0.020**	**0.004**	**0.007**	**0.26**	**0.012**	**0.407**	**0.425**	**0.435**	**0.249**
MINIMUM					**0.005**	**0.002**	**0.002**	**0.16**	**0.002**	**0.340**	**0.340**	**0.343**	**0.158**
STD DEV (GEOM *)					**0.013**	**0.002**	**0.011**	**0.08**	**0.037**	**0.059**	**0.090**	**0.091**	**0.081**
# SAMPLES (IN STATISTICS)					**5**	**5**	**5**	**5**	**4**	**5**	**5**	**5**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	PH	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	NICKEL UNF.TOT. MG/L AS NI	URANIUM UNF.TOT. MG/L
	TEST-NAME:			NNKI	COND25	CLIDUR	SSO4UR	PH	FEUT	CUUT	NIUT	UUUT
81 05 28 1215		.3		0.896	390	6.20	20.5	8.27	0.33	0.011	0.002>	
81 06 18 1215		.3		0.801	360	4.25	19.5	8.25	0.230	0.005	0.00 >	
81 08 10 1215		.3		0.677	420	3.90	18.5	8.19	0.51	0.004	0.002	
81 08 27 1215		.3		0.501	360	4.70	19.5	8.23	0.32	0.056	0.002>	
81 09 24 1215		.3		0.636	410	6.30	21.5	8.28	0.49	0.009	0.002	
		MAXIMUM		**0.896**	**420**	**6.30**	**21.5**	**8.28**	**0.51**	**0.056**	**0.002**	
		ARITH MEAN		**0.698**	**388**	**5.07**	**19.9**	**8.24**	**0.37**	**0.017**	**0.002**	
		GEOM MEAN		**0.670**	**387**	**4.97**	**19.9**	**8.24**	**0.36**	**0.010**	**0.002**	
		MINIMUM		**0.501**	**360**	**3.90**	**18.5**	**8.19**	**0.230**	**0.004**	**0.002**	
		STD DEV (GEOM *)		**0.279**	**28**	**1.11**	**1.1**	**0.04**	**0.12**	**0.022**	**0.000**	
		# SAMPLES (IN STATISTICS)		**2**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	

B.O.W./ SITE: **GAGE CREEK**
SAMPLE POINT: **HIGHWAY 2, 1MILE EAST OF PORT HOPE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GAGE CREEK**

STATION ID: **06-0130-001-02**
STORET CODE: **02 004 3230**

LAT: LONG: U T M: **17 0719350.0 4870460.0 4** REGION: **03** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 13 1125		.3	1	31014	4	650	4200	10<	10<	0.0	12.3	2.0	0.055
81 02 17 1440		.3	1	31064	4	30000I	160000	420	1880	1.0	12.4	2.1	0.128
81 03 24 0916		.3	1	31030	6	130	700	20A	20A	2.0	12.50	0.4	0.065
81 04 27 1520		.3	1	31106	6 8	430	3000>	10A	10<	13.5	11.30	0.8	0.019
81 05 25 1450		.3	1	31168	6 8	80A	1170	10A	40A	18.0	10.90	0.6	0.021
81 06 19 0900		.3	1	31270	6 8	270A	9000	240	120	18.5	10.40	0.2<T	0.036
81 07 28 1330		.3	1	31290	6 8	4600A	62000	900	1490	17.2	9.00	1.0	0.048
81 08 17 1555		.3	1	31351	8 6	2800A	28000	420	180A	21.2	10.6	0.6	0.042
81 09 14 1550		.3	1	31411	8	1200	12100	140	30A	21.0	15.30	0.8	0.306
81 10 27 0900		.3	1	31473	8	2800	21000	1170	890	10.2	12.90	0.6	0.054
81 11 23 1450		.3	1	31535	8	700	1580	250	160	3.9	15.10	2.0<T	0.040
81 12 15 1500		.3	1	31625	4	440	4400	10A	10A	15.8	15.80	0.6	0.013
		MAXIMUM				**30000**	**160000**	**1170**	**1880**	**21.2**	**15.80**	**2.1**	**0.306**
		ARITH MEAN				**3675**	**27650**	**326**	**482**	**12.9**	**12.3**	**1.0<A**	**0.069**
		GEOM MEAN				**908**	**8426**	**111**	**135**	**9.3**	**12.2**	**0.8<A**	**0.047**
		MINIMUM				**80**	**700**	**10**	**10**	**1.0**	**9.00**	**0.2**	**0.013**
		STD DEV (GEOM *)				**5***	**5***	**7***	**6***	**7.5**	**2.1**	**0.7<A**	**0.080**
		# SAMPLES (IN STATISTICS)				**12**	**11**	**11**	**10**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 13 1125		.3	1	0.001	0.176	0.680	0.088	1.520		1.784	0.504	2.288	404.0
81 02 17 1440		.3	1	0.043	0.194	0.980	0.022	2.430		2.646	0.786	3.432	304.0
81 03 24 0916		.3	1	0.006	0.008	0.39	0.006	1.290	1.300	1.304	0.382	1.686	342
81 04 27 1520		.3	1	0.002	0.050	0.34	0.012	0.860	0.870	0.922	0.290	1.212	314
81 05 25 1450		.3	1	0.008	0.026	0.44	0.120	0.365	0.485	0.511	0.414	0.925	258
81 06 19 0900		.3	1	0.011	0.002	0.39	0.001	0.540	0.540	0.543	0.388	0.931	297
81 07 28 1330		.3	1	0.007	0.008	0.42	0.039	0.270	0.310	0.317	0.412	0.729	262
81 08 17 1555		.3	1	0.013	0.048	0.52	0.014	0.425	0.440	0.487	0.472	0.959	299
81 09 14 1550		.3	1		0.020	0.39	0.010	0.880	0.890	0.910	0.370	1.280	
81 10 27 0900		.3	1	0.010	0.038	0.56	0.013	2.590	2.600	2.641	0.522	3.163	439
81 11 23 1450		.3	1	0.005	0.006	0.38	0.003	1.300	1.300	1.309	0.374	1.683	410
81 12 15 1500		.3	1	0.002	0.010	0.27	0.006	1.690	1.700	1.706	0.260	1.966	312
		MAXIMUM		**0.043**	**0.194**	**0.980**	**0.120**	**2.590**	**2.600**	**2.646**	**0.786**	**3.432**	**439**
		ARITH MEAN		**0.010**	**0.049**	**0.48**	**0.028**	**1.180**	**1.043**	**1.257**	**0.431**	**1.688**	**331**
		GEOM MEAN		**0.006**	**0.022**	**0.45**	**0.013**	**0.938**	**0.854**	**1.022**	**0.415**	**1.500**	**326**
		MINIMUM		**0.001**	**0.002**	**0.27**	**0.001**	**0.270**	**0.310**	**0.317**	**0.260**	**0.729**	**258**
		STD DEV (GEOM *)		**0.012**	**0.066**	**0.19**	**0.038**	**0.776**	**0.708**	**0.804**	**0.136**	**0.887**	**60**
		# SAMPLES (IN STATISTICS)		**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 01 13 1125		.3	1	19.0		620.0	7.30	17.500		7.95	8.0		
81 02 17 1440		.3	1	31.0		455.0	8.10	22.000		7.71	7.5		
81 03 24 0916		.3	1	12		520	7.00	11.50	245	8.25	8.30	1<T	0.51
81 04 27 1520		.3	1		305	495	2.00	15.00	215	8.27	8.30		
81 05 25 1450		.3	1		252	450	2.20	9.00	207	8.28	8.00		
81 06 19 0900		.3	1		286	450	5.00	6.45	218	8.21	8.35		
81 07 28 1330		.3	1		254	395	1.60		197	8.15	8.15		
81 08 17 1555		.3	1		285	450	3.60	11.50	214	8.44	8.55		
81 09 14 1550		.3	1			505	2.50	16.50	224	8.40	8.20	1<T	0.19
81 10 27 0900		.3	1	35.0		620	16.70	19.50	278	8.37	8.00	1<T	0.80
81 11 23 1450		.3	1	10.7		620	6.60	18.50	270	8.25	8.55	1<T	0.33
81 12 15 1500		.3	1	37.5		520	12.60	12.00	200	8.12	8.95	1<T	0.34
		MAXIMUM		**37.5**	**305**	**620.0**	**16.70**	**22.000**	**278**	**8.44**	**8.95**	**1**	**0.80**
		ARITH MEAN		**24**	**276**	**508**	**6.27**	**14.49**	**227**	**8.20**	**8.2**	**1<A**	**0.43**
		GEOM MEAN		**21**	**276**	**503**	**4.88**	**13.69**	**225**	**8.20**	**8.2**	**1<A**	**0.39**
		MINIMUM		**10.7**	**252**	**395**	**1.60**	**6.45**	**197**	**7.71**	**7.5**	**1**	**0.19**
		STD DEV (GEOM *)		**11**	**23**	**76**	**4.61**	**4.79**	**28**	**0.20**	**0.3**	**0<A**	**0.23**
		# SAMPLES (IN STATISTICS)		**6**	**5**	**12**	**12**	**11**	**10**	**12**	**12**	**5**	**5**

(CONTD)

B.O.W./SITE: **GAGE CREEK**
SAMPLE POINT: **HIGHWAY 2, 1MILE EAST OF PORT HOPE**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GAGE CREEK**

STATION ID: **06-0130-001-02**
STORET CODE: **02 004 3230**

LAT: LONG: U.T.M: **17 0719350.0 4870460.0 4** REGION: **03** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 0916		.3	1	0.022	0.008	0.035
81 09 14 1550		.3	1	0.006	0.003<	0.012
81 10 27 0900		.3	1	0.010	0.003<	0.004
81 11 23 1450		.3	1	0.010	0.006	0.005
81 12 15 1500		.3	1	0.006	0.007	0.013
	MAXIMUM			**0.022**	**0.008**	**0.035**
	ARITH MEAN			**0.011**	**0.007**	**0.014**
	GEOM MEAN			**0.010**	**0.007**	**0.010**
	MINIMUM			**0.006**	**0.006**	**0.004**
	STD DEV (GEOM *)			**0.007**	**0.001**	**0.013**
	# SAMPLES (IN STATISTICS)			**5**	**3**	**5**

B.O.W./SITE: **COBOURG BROOK**
SAMPLE POINT: **AT PARK SOUTH ON FOURTH STREET**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **COBOURG BROOK**

STATION ID: **06-0133-004-02**
STORET CODE: **02 004 3180**

LAT: LONG: U.T.M: **17 0726350.0 4870650.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1200		.3	1	31015	6	210000	400000	9000	9600	0.8	12.2	3.8	0.095
81 02 17 1500		.3	1	31065	6	230000	190000	5900	15000>	1.8	12.6	2.3	0.140
81 03 24 0945		.3	1	31031	6	38000	160000	700A	1500	3.8	11.70	2.4	0.159
81 04 27 1600		.3	1	31107	6 8	56000	110000	2000	2800	13.0	10.40	1.2	0.081
81 05 26 0730		.3	1	31169	6 8	600A	43000	50<	100<	14.5	12.50	1.2	0.084
81 06 19 0750		.3	1	31269	6 8	1800A	57000	180A	100A	17.0	9.00	2.2	0.070
81 07 28 1400		.3	1	31291	6 8	7100A	78000	360	1020	17.0	8.80	4.2	0.238
81 08 17 1625		.3	1	31352	6 8	9300A	29000	60A	100A	20.0	12.00	1.2	0.285
81 09 14 1610		.3	1	31412		20A	24000>	10<	100	22.0	11.90	1.2	0.127
81 10 27 0800		.3	1	31474	8	2400A	30000	230	1060	11.4	12.30	1.4	0.115
81 11 23 1530		.3	1	31536	8	15000>	15000>	1500>	690	5.8	13.40	1.2	0.098
81 12 15 1550		.3	1	31626	8	9400	12000	1800	490	1.8	13.70	0.2<T	0.041
	MAXIMUM					**230000**	**400000**	**9000**	**9600**	**22.0**	**13.70**	**4.2**	**0.285**
	ARITH MEAN					**51329**	**110900**	**2248**	**1746**	**10.7**	**11.7**	**1.9<A**	**0.128**
	GEOM MEAN					**7335**	**69606**	**790**	**656**	**7.1**	**11.6**	**1.5<A**	**0.112**
	MINIMUM					**20**	**12000**	**60**	**100**	**0.8**	**8.80**	**0.2**	**0.041**
	STD DEV (GEOM *)					**15***	**3***	**5***	**5***	**7.6**	**1.5**	**1.2<A**	**0.071**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**9**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1200		.3	1	0.003	0.720	2.050	0.014	0.900		1.634	1.330	2.964	452.0
81 02 17 1500		.3	1	0.016	0.162	0.950	0.019	1.330		1.511	0.788	2.299	366.0
81 03 24 0945		.3	1	0.083	2.680	3.05	0.007	0.915	0.920	3.602	0.370	3.972	345
81 04 27 1600		.3	1	0.020	0.370	0.94	0.004	0.770	0.775	1.144	0.570	1.714	316
81 05 26 0730		.3	1	0.040	0.380	0.93	0.078	0.520	0.600	0.978	0.550	1.528	322
81 06 19 0750		.3	1	0.031	0.002	1.08	0.006	1.090	1.100	1.098	1.078	2.176	313
81 07 28 1400		.3	1	0.150	0.002<T	2.40	0.021	2.730	2.750	2.753	2.398	5.151	289
81 08 17 1625		.3	1	0.220	1.620	2.60	0.575	0.575	1.150	2.770	0.980	3.750	346
81 09 14 1610		.3	1	0.065	1.300	2.26	0.006	0.834	0.840	2.140	0.960	3.100	
81 10 27 0800		.3	1	0.040	0.094	0.75	0.018	0.710	0.730	0.822	0.656	1.478	371
81 11 23 1530		.3	1	0.005	0.008	1.40	0.005	3.240	3.250	3.253	1.392	4.645	364
81 12 15 1550		.3	1	0.009	0.380	0.90	0.017	0.930	0.945	1.327	0.520	1.847	321
	MAXIMUM			**0.220**	**2.680**	**3.05**	**0.575**	**3.240**	**3.250**	**3.602**	**2.398**	**5.151**	**452.0**
	ARITH MEAN			**0.057**	**0.643<A**	**1.60**	**0.064**	**1.212**	**1.306**	**1.919**	**0.966**	**2.885**	**345**
	GEOM MEAN			**0.029**	**0.147<A**	**1.43**	**0.016**	**1.025**	**1.109**	**1.712**	**0.849**	**2.645**	**343**
	MINIMUM			**0.003**	**0.002**	**0.75**	**0.004**	**0.520**	**0.600**	**0.822**	**0.370**	**1.478**	**289**
	STD DEV (GEOM *)			**0.066**	**0.826<A**	**0.81**	**0.162**	**0.863**	**0.915**	**0.955**	**0.555**	**1.255**	**43**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1200		.3	1	15.0	437.0	700.0		69.000		7.78	7.8		
81 02 17 1500		.3	1	89.0	277.0	485.0		31.000		7.79	7.5		
81 03 24 0945		.3	1	11	334	560	3.30	31.00	228	8.02	8.20	1<T	0.38
81 04 27 1600		.3	1		292	480	3.70	21.00	204	8.18	8.30		
81 05 26 0730		.3	1		311	540	3.50		203	8.16	7.90		
81 06 19 0750		.3	1		299	560	2.60	42.50	191	8.10	8.15		
81 07 28 1400		.3	1		268	445	4.60		170	7.99	8.15		
81 08 17 1625		.3	1		326	540	5.20	29.00.	210	8.31	8.30		
81 09 14 1610		.3	1			590	14.50	34.00	218	8.16	8.00	11	0.61
81 10 27 0800		.3	1	40.0	331	520	26.00	21.00	240	8.19	7.90	1<T	1.40
81 11 23 1530		.3	1	19.2	345	565	15.50	24.00	245	8.37	8.75	1<T	0.67
81 12 15 1550		.3	1	16.2	305	520	9.40	26.50	158	8.53	8.75	1<T	0.28
	MAXIMUM			**89.0**	**437.0**	**700.0**	**26.00**	**69.000**	**245**	**8.53**	**8.75**	**11**	**1.40**
	ARITH MEAN			**31**	**320**	**542**	**8.83**	**32.90**	**207**	**8.13**	**8.1**	**3<A**	**0.67**
	GEOM MEAN			**23**	**317**	**538**	**6.55**	**30.84**	**205**	**8.13**	**8.1**	**2<A**	**0.57**
	MINIMUM			**11**	**268**	**445**	**2.60**	**21.00**	**158**	**7.78**	**7.5**	**1**	**0.28**
	STD DEV (GEOM *)			**29**	**45**	**64**	**7.65**	**14.23**	**28**	**0.22**	**0.3**	**4<A**	**0.44**
	# SAMPLES (IN STATISTICS)			**6**	**11**	**12**	**10**	**10**	**10**	**12**	**12**	**5**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 0945		3	1	0.003	0.003<	0.015
81 09 14 1610		3	1	0.004	0.140	0.017
81 10 27 0800		3	1	0.004	0.007	0.021
81 11 23 1530		3	1	0.015	0.008	0.009
81 12 15 1550		3	1	0.005	0.005	0.006
MAXIMUM				**0.015**	**0.140**	**0.021**
ARITH MEAN				**0.006**	**0.040**	**0.014**
GEOM MEAN				**0.005**	**0.014**	**0.012**
MINIMUM				**0.003**	**0.005**	**0.006**
STD DEV (GEOM *)				**0.005**	**0.067**	**0.006**
# SAMPLES (IN STATISTICS)				**5**	**4**	**5**

B.O.W / SITE: **BROOKSIDE CREEK**
SAMPLE POINT: **HIGHWAY 2 1.5 MILES EAST OF BROOKSIDE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BROOKSIDE CREEK**

STATION ID: **06-0139-002-02**
STORET CODE: **02 004 3090**

LAT: LONG: U.T.M. **17 0734750.0 4873775.0 4** REGION: **03** DISTANCE: **2.736**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1220		3	1	31016	4	390	670	40I	40I	0.0	12.2	0.4	0.023
81 02 17 1515		3	1	31066	4	200000	170000	19000	150000>	0.8	12.5		0.685
81 03 24 1020		3		31032		110	530	10	200	3.8	12.70		0.048
81 04 28 0800		3		31108		380	1100	110	10	7.8	9.80	0.4	0.028
81 05 26 0810		3	1	31170	6 8	200A	120000>	110	530	12.5	12.50		0.015
81 06 18 1535		3	1	31268	6 8	4300A	80000	1500>	920	22.2	9.00	0.6	0.069
81 07 28 1423		3	1	31292	6 8	1100000	3600000	570000	490000				0.272
81 08 18		3		31353		26000	78000	12900	13300			0.4	0.102
81 09 15 0815		3		31414		2200	26000	900	510				
81 10 27 1000		3		31475		60000	12000	1700	0				0.155
81 11 24 0840		3		31537		340	920	150	80<				0.022
81 12 16 0830		3	1	31627	8	200	1180	156	44	1.8	10.70		0.013
MAXIMUM						**1100000**	**3600000**	**570000**	**490000**	**22.2**	**12.70**	**0.6**	**0.685**
ARITH MEAN						**116177**	**360945**	**55007**	**56173**	**8.1**	**11.3**	**0.4**	**0.130**
GEOM MEAN						**3077**	**11587**	**713**	**563**	**4.8**	**11.2**	**0.4**	**0.058**
MINIMUM						**110**	**530**	**10**	**10**	**0.8**	**9.00**	**0.4**	**0.013**
STD DEV (GEOM *)						**22***	**18***	**25***	**27***	**8.1**	**1.5**	**0.1**	**0.200**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**9**	**6**	**7**	**4**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1220		3	1	0.012	0.038	0.300	0.014	0.800		0.852	0.262	1.114	381.0
81 02 17 1515		3	1	0.390	0.410	2.250	0.032	1.220		1.662	1.840	3.502	
81 03 24 1020		3		0.022	0.046	0.34	0.004	1.000	1.004	1.050	0.294	1.344	393
81 04 28 0800		3		0.011	0.020	0.31	0.005	0.735	0.740	0.760	0.290	1.050	344
81 05 26 0810		3	1	0.005	0.026	0.26	0.006	0.280	0.285	0.312	0.234	0.546	336
81 06 18 1535		3	1	0.030	0.002<T	0.42	0.002	0.365	0.365	0.369	0.418	0.787	321
81 07 28 1423		3	1	0.160	0.002	0.90	0.073	0.480	0.555	0.555	0.898	1.453	384
81 08 18		3			0.082	0.64	0.028	0.270	0.300	0.380	0.558	0.938	372
81 10 27 1000		3		0.096	0.096	0.64	0.012	0.500	0.510	0.608	0.544	1.152	393
81 11 24 0840		3		0.013	0.024	0.36	0.003	0.825	0.830	0.852	0.336	1.188	373
81 12 16 0830		3	1	0.005	0.008	0.27	0.006	0.785	0.790	0.799	0.262	1.061	341
MAXIMUM				**0.390**	**0.410**	**2.250**	**0.073**	**1.220**	**1.004**	**1.662**	**1.840**	**3.502**	**393**
ARITH MEAN				**0.074**	**0.069<A**	**0.60**	**0.017**	**0.660**	**0.598**	**0.745**	**0.540**	**1.285**	**363**
GEOM MEAN				**0.026**	**0.025<A**	**0.47**	**0.009**	**0.591**	**0.546**	**0.666**	**0.431**	**1.151**	**362**
MINIMUM				**0.005**	**0.002**	**0.26**	**0.002**	**0.270**	**0.285**	**0.312**	**0.234**	**0.546**	**321**
STD DEV (GEOM *)				**0.122**	**0.117<A**	**0.58**	**0.021**	**0.306**	**0.257**	**0.384**	**0.474**	**0.776**	**26**
# SAMPLES (IN STATISTICS)				**10**	**11**	**11**	**11**	**11**	**9**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA
81 01 13 1220		3	1	8.0		600.0	3.40	30.000		7.99	8.0		
81 02 17 1515		3	1			420.0				7.38	7.4		
81 03 24 1020		3		27		580	3.00	35.50	235	8.22	8.20	248	81.0
81 04 28 0800		3			339	590	1.70	36.00		8.41	7.80		
81 05 26 0810		3	1	6		560	3.00	34.00	238	8.45	8.30	247	79.0
81 06 18 1535		3	1		310	560	3.50		233	8.39	8.35		
81 07 28 1423		3	1	32.0		560	2.10	38.00	230	8.10	8.05	189	55.0
81 08 18		3			360	640	3.40	47.50	265	8.30			
81 10 27 1000		3				600	3.40	35.00	266	8.24			
81 11 24 0840		3				600	3.60	32.00	260	8.35			
81 12 16 0830		3	1	11.0		570	2.90	31.00	201	8.23	7.25	236	74.0
MAXIMUM				**32.0**	**360**	**640**	**3.60**	**47.50**	**266**	**8.45**	**8.35**	**248**	**81.0**
ARITH MEAN				**16**	**336**	**570**	**3.00**	**35.44**	**241**	**8.19**	**7.9**	**230**	**72.2**
GEOM MEAN				**13**	**336**	**568**	**2.93**	**35.14**	**240**	**8.18**	**7.9**	**229**	**71.4**
MINIMUM				**6**	**310**	**420.0**	**1.70**	**30.000**	**201**	**7.38**	**7.25**	**189**	**55.0**
STD DEV (GEOM *)				**11**	**25**	**55**	**0.63**	**5.19**	**22**	**0.30**	**0.4**	**28**	**11.9**
# SAMPLES (IN STATISTICS)				**5**	**3**	**11**	**10**	**9**	**8**	**11**	**8**	**4**	**4**

(CONTD)

B.O.W./ SITE: **BROOKSIDE CREEK**
SAMPLE POINT: **HIGHWAY 2 1.5 MILES EAST OF BROOKSIDE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BROOKSIDE CREEK**

STATION ID: **06-0139-002-02**
STORET CODE: **02 004 3090**

LAT: LONG: U.T.M: **17 0734750.0 4873775.0 4** REGION: **03** DISTANCE: **2.736**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*MGUR*	*CUUT*	*PBUT*	*ZNUT*
81 03 24 1020		.3		11.00	0.003	0.003	0.008
81 05 26 0810		.3	1	12.00			
81 07 28 1423		.3	1	12.50			
81 12 16 0830		.3	1	12.50			
MAXIMUM				**12.50**	**0.003**	**0.003**	**0.008**
ARITH MEAN				**12.00**	**0.003**	**0.003**	**0.008**
GEOM MEAN				**11.98**			
MINIMUM				**11.00**	**0.003**	**0.003**	**0.008**
STD DEV (GEOM *)				**0.71**			
# SAMPLES (IN STATISTICS)				**4**	**1**	**1**	**1**

B.O.W./ SITE: **SHELTER VALLEY BROOK**
SAMPLE POINT: **AT CONCESSION ROAD SOUTH OF GRAFTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HD010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SHELTER VALLEY BROOK**

STATION ID: **06-0142-001-02**
STORET CODE: **02 004 3060**

LAT: LONG: U.T.M: **17 0740100.0 4873350.0 4** REGION: **03** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 13 1240		.3	1	31017	4	0.442	230	390	70I	10I	0.0	12.7	0.4
81 02 17 1535		.3	1	31067	4	2.500	4400	8700	60I	560	0.5	12.4	1.1
81 03 24 1100		.3	1	31033	6	0.843	20A	110	10<	10<	4.0	12.30	0.4
81 04 28 0840		.3	1	31109	6 8	0.717	480	2600	10A	30A	9.0	10.20	0.4
81 05 26 0930		.3	1	31171	6 8	0.447	60A	3100	20A	20A	17.0	13.70	0.6
81 06 18 1515		.3	1	31267		0.411	260A	8200	40A	180	22.1	10.70	0.8
81 07 28 1448		.3	1	31293	6 8	0.642	3400A	31000	970	1060		10.00	0.8
81 08 18 0850		.3	1	31354	8	0.449	2700	8100	360	150	14.2	11.30	0.2
81 09 15 0900		.3	1	31415	8	0.472	400A	8800	40A	50A	14.8	14.10	1.0
81 10 27 1020		.3	1	31476	8	1.490	1030	1300	810	870	10.4	12.90	0.6
81 11 24 0910		.3	1	31538	8	0.599	240	940	60A	60A	1.0	14.00	0.2<T
81 12 16 0928		.3	1	31628	8	0.450	280	1080	16	8	1.0	10.50	0.2<T
MAXIMUM						**2.500**	**4400**	**31000**	**970**	**1060**	**22.1**	**14.10**	**1.1**
ARITH MEAN						**0.788**	**1125**	**6193**	**223**	**273**	**9.4**	**12.0**	**0.6<A**
GEOM MEAN						**0.659**	**429**	**2539**	**74**	**86**	**5.2**	**11.9**	**0.5<A**
MINIMUM						**0.411**	**20**	**110**	**10**	**8**	**0.5**	**10.00**	**0.2**
STD DEV (GEOM *)						**0.618**	**5***	**5***	**5***	**6***	**7.6**	**1.4**	**0.3<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**11**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 13 1240		.3	1	0.021	0.001<	0.002	0.200	0.006	1.050		1.058	0.198	1.256
81 02 17 1535		.3	1	0.055	0.009	0.068	0.450	0.011	0.744		0.823	0.382	1.205
81 03 24 1100		.3	1	0.015	0.009	0.006	0.18	0.004	0.775	0.780	0.785	0.174	0.959
81 04 28 0840		.3	1	0.034	0.009	0.042	0.34	0.016	0.605	0.620	0.663	0.298	0.961
81 05 26 0930		.3	1	0.023	0.001<T	0.016	0.27	0.007	0.430	0.435	0.453	0.254	0.707
81 06 18 1515		.3	1	0.024	0.005	0.006	0.28	0.044	0.420	0.465	0.470	0.274	0.744
81 07 28 1448		.3	1	0.026	0.003	0.010	0.27	0.015	0.405	0.420	0.430	0.260	0.690
81 08 18 0850		.3	1	0.025	0.008	0.036	0.27	0.009	0.375	0.385	0.420	0.234	0.654
81 09 15 0900		.3	1	0.175		0.024	0.21	0.006	0.474	0.480	0.504	0.186	0.690
81 10 27 1020		.3	1	0.015	0.005	0.006	0.25	0.003	0.650	0.655	0.659	0.244	0.903
81 11 24 0910		.3	1	0.009	0.001<T	0.002	0.21	0.001	0.780	0.780	0.783	0.208	0.991
81 12 16 0928		.3	1	0.023	0.062	0.006	0.13	0.002	0.845	0.845	0.853	0.124	0.977
MAXIMUM				**0.175**	**0.062**	**0.068**	**0.450**	**0.044**	**1.050**	**0.845**	**1.058**	**0.382**	**1.256**
ARITH MEAN				**0.037**	**0.011<A**	**0.019**	**0.25**	**0.010**	**0.629**	**0.586**	**0.658**	**0.236**	**0.895**
GEOM MEAN				**0.026**	**0.006<A**	**0.011**	**0.24**	**0.007**	**0.597**	**0.564**	**0.629**	**0.228**	**0.874**
MINIMUM				**0.009**	**0.001**	**0.002**	**0.13**	**0.001**	**0.375**	**0.385**	**0.420**	**0.124**	**0.654**
STD DEV (GEOM *)				**0.045**	**0.018<A**	**0.020**	**0.08**	**0.012**	**0.214**	**0.172**	**0.206**	**0.067**	**0.203**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 13 1240		.3	1	299.0	12.0		455.0	2.90	6.500		8.02	8.1	
81 02 17 1535		.3	1	292.00	16.00		475.0	3.90	12.500		7.73	7.4	
81 03 24 1100		.3	1	306	23		440	2.50	7.60	210	8.26	8.30	1<T
81 04 28 0840		.3	1	271		257	445	3.10	8.45	205	8.37	7.70	
81 05 26 0930		.3	1	246		238	410	1.50		191	8.54	7.60	
81 06 18 1515		.3	1	261		254	390	1.50		186	8.52	8.45	
81 07 28 1448		.3	1	257		244	410	1.40		196	8.28	8.25	
81 08 18 0850		.3	1	271		265	450	1.87	7.65	215	8.30	8.15	
81 09 15 0900		.3	1				450	0.77	7.50	217	8.32	8.05	1<T
81 10 27 1020		.3	1	292	6.0		450	1.57	7.95	218	8.37	8.35	1<T
81 11 24 0910		.3	1	285	4.4		450	1.24	8.25	225	8.44	8.20	1<T
81 12 16 0928		.3	1	274	5.0		450	2.80	7.00	219	8.48	7.10	
MAXIMUM				**306**	**23**	**265**	**475.0**	**3.90**	**12.500**	**225**	**8.54**	**8.45**	**1**
ARITH MEAN				**277**	**11**	**252**	**439**	**2.09**	**8.15**	**208**	**8.30**	**7.9**	**1<A**
GEOM MEAN				**277**	**9**	**251**	**439**	**1.90**	**8.02**	**208**	**8.30**	**7.9**	**1<A**
MINIMUM				**246**	**4.4**	**238**	**390**	**0.77**	**6.500**	**186**	**7.73**	**7.10**	**1**
STD DEV (GEOM *)				**18**	**7**	**11**	**23**	**0.93**	**1.73**	**13**	**0.23**	**0.4**	**0<A**
# SAMPLES (IN STATISTICS)				**11**	**6**	**5**	**12**	**12**	**9**	**10**	**12**	**12**	**4**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 1100		.3	1	0.22	0.002	0.003<	0.002
81 09 15 0900		.3	1	0.10	0.006	0.003<	0.002
81 10 27 1020		.3	1	0.18	0.004	0.003<	0.002
81 11 24 0910		.3	1	0.15	0.006	0.006	0.007
81 12 16 0928		.3	1	0.13	0.004	0.003<	0.001<
	MAXIMUM			**0.22**	**0.006**	**0.006**	**0.007**
	ARITH MEAN			**0.16**	**0.004**	**0.006**	**0.003**
	GEOM MEAN			**0.15**	**0.004**		**0.003**
	MINIMUM			**0.10**	**0.002**	**0.006**	**0.002**
	STD DEV (GEOM *)			**0.05**	**0.002**		**0.002**
	# SAMPLES (IN STATISTICS)			**5**	**5**	**1**	**4**

B.O.W. / SITE: **COLBORNE CREEK**
SAMPLE POINT: **AT BRIDGE IN LAKEPORT**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **COLBORNE CREEK**

STATION ID: **06-0146-001-02**
STORET CODE: **02 004 2990**

LAT: LONG: U.T.M.: **18 0267350.0 4874350.0 4** REGION: **03** DISTANCE: **0.844**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1310		.3	1	31018	4	9300	4900	2760	500	0.0	13.4	1.0	0.110
81 02 17 1600		.3	1	31068	6	210000	250000	2700	800I	1.0	10.7		0.490
81 03 24 1130		.3	1	31034	6	310	550	10<	10A	4.0	13.20	0.8	0.050
81 04 28 0905		.3	1	31110	6 8	1000	6600	40A	20A	8.8	11.20	1.4	0.058
81 05 26 1000		.3	1	31172	6 8	140A	48000>	20A	20A	17.0	11.80	0.8	0.042
81 06 18 1450		.3	1	31266	6 8	600A	16400	60A	110	21.9	10.90	1.8	0.111
81 07 29 0734		.3	1	31294	6 8	7000A	170000	1130	1500>	13.0	8.80	1.6	0.132
81 08 18 0939		.3	1	31355	8	3500A	39000	270	410	13.8	11.50	0.4	0.225
81 09 15 0918		.3	1	31416	8	4700	23000	380	230	14.8	13.20	1.4	0.330
81 10 27 1030		.3	1	31477	8	3400	18000	510	510	10.4	12.60	0.8	0.165
81 11 24 0950		.3	1	31539	8	630	1900	60A	20A	1.0	14.30	0.2<T	0.098
81 12 16 0950		.3	1	31629	8					1.0	10.40	0.4	0.095
	MAXIMUM					**210000**	**250000**	**2760**	**800**	**21.9**	**14.30**	**1.8**	**0.490**
	ARITH MEAN					**21871**	**53035**	**793**	**263**	**9.7**	**11.8**	**1.0<A**	**0.159**
	GEOM MEAN					**2358**	**14388**	**257**	**105**	**6.0**	**11.7**	**0.8<A**	**0.122**
	MINIMUM					**140**	**550**	**20**	**10**	**1.0**	**8.80**	**0.2**	**0.042**
	STD DEV (GEOM *)					**7***	**7***	**6***	**5***	**7.2**	**1.5**	**0.5<A**	**0.132**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**10**	**10**	**11**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1310		.3	1	0.084	0.292	0.680	0.014	1.050		1.356	0.388	1.744	337.0
81 02 17 1600		.3	1	0.069	0.252	2.100	0.038	1.170		1.460	1.848	3.308	
81 03 24 1130		.3	1	0.011	0.038	0.40	0.006	0.745	0.750	0.789	0.362	1.151	342
81 04 28 0905		.3	1	0.017	0.046	0.41	0.013	0.625	0.640	0.684	0.364	1.048	304
81 05 26 1000		.3	1	0.031	0.032	0.34	0.071	0.240	0.310	0.343	0.308	0.651	297
81 06 18 1450		.3	1	0.069	0.006	0.45	0.001	0.785	0.785	0.792	0.444	1.236	291
81 07 29 0734		.3	1	0.059	0.006	0.70	0.025	0.545	0.570	0.576	0.694	1.270	342
81 08 18 0939		.3	1	0.170	0.042	0.55	0.140	0.630	0.770	0.812	0.508	1.320	321
81 09 15 0918		.3	1	0.275	0.006	0.50	0.057	0.895	0.950	0.958	0.494	1.452	
81 10 27 1030		.3	1	0.057	0.054	0.72	0.075	0.725	0.800	0.854	0.666	1.520	370
81 11 24 0950		.3	1	0.059	0.024	0.52	0.001<T	1.100	1.100	1.125	0.496	1.621	352
81 12 16 0950		.3	1	0.057	0.004	0.34	0.001<T	1.150	1.150	1.155	0.336	1.491	340
	MAXIMUM			**0.275**	**0.292**	**2.100**	**0.140**	**1.170**	**1.150**	**1.460**	**1.848**	**3.308**	**370**
	ARITH MEAN			**0.080**	**0.067**	**0.64**	**0.037<A**	**0.805**	**0.782**	**0.909**	**0.576**	**1.484**	**329**
	GEOM MEAN			**0.057**	**0.028**	**0.55**	**0.014<A**	**0.747**	**0.740**	**0.851**	**0.501**	**1.386**	**328**
	MINIMUM			**0.011**	**0.004**	**0.34**	**0.001**	**0.240**	**0.310**	**0.343**	**0.308**	**0.651**	**291**
	STD DEV (GEOM *)			**0.074**	**0.098**	**0.47**	**0.042<A**	**0.281**	**0.248**	**0.321**	**0.419**	**0.643**	**25**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 13 1310		.3	1	14.0		520.0	4.20	21.500		7.93	7.9		
81 02 17 1600		.3	1			420.0				7.65	7.5		
81 03 24 1130		.3	1	10	332	520	1.40	29.50	217	8.30	8.20	0.002	0.003<
81 04 28 0905		.3	1		299	530	2.60	28.50	217	8.30	7.80		
81 05 26 1000		.3	1		282	450	1.50		190	8.62	8.20		
81 06 18 1450		.3	1		277	450	4.50		199	8.57	8.50		
81 07 29 0734		.3	1		311	460	2.50		203	8.00	7.75		
81 08 18 0939		.3	1		305	510	6.20	23.00	218	8.25	8.15		
81 09 15 0918		.3	1			520	2.80	24.00	225	8.28	8.20	0.007	0.003<
81 10 27 1030		.3	1		353	560	5.20	29.00	242	8.13	8.10	0.004	0.003<
81 11 24 0950		.3	1		342	540	4.50	27.50	243	8.41	8.15	0.007	0.007
81 12 16 0950		.3	1		329	540	5.70	26.00	218	8.56	7.20	0.003	0.003<
	MAXIMUM			**14.0**	**353**	**560**	**6.20**	**29.50**	**243**	**8.62**	**8.50**	**0.007**	**0.007**
	ARITH MEAN			**12**	**314**	**501**	**3.74**	**26.12**	**217**	**8.25**	**7.9**	**0.005**	**0.007**
	GEOM MEAN			**11**	**313**	**499**	**3.35**	**25.97**	**217**	**8.25**	**7.9**	**0.004**	
	MINIMUM			**10**	**277**	**420.0**	**1.40**	**21.500**	**190**	**7.65**	**7.20**	**0.002**	**0.007**
	STD DEV (GEOM *)			**2**	**26**	**44**	**1.66**	**2.99**	**17**	**0.29**	**0.3**	**0.002**	
	# SAMPLES (IN STATISTICS)			**2**	**9**	**12**	**11**	**8**	**10**	**12**	**12**	**5**	**1**

(CONTD)

B.O.W./ SITE: **COLBORNE CREEK**
SAMPLE POINT: **AT BRIDGE IN LAKEPORT**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **COLBORNE CREEK**

STATION ID: **06-0146-001-02**
STORET CODE: **02 004 2990**

LAT LONG: U.T.M: **18 0267350.0 4874350.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 03 24 1130		.3	1	0.004
81 09 15 0918		.3	1	0.009
81 10 27 1030		.3	1	0.003
81 11 24 0950		.3	1	0.006
81 12 16 0950		3	1	0.003
MAXIMUM				**0.009**
ARITH MEAN				**0.005**
GEOM MEAN				**0.005**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.003**
# SAMPLES (IN STATISTICS)				**5**

B.O.W./ SITE: **SALEM CREEK**
SAMPLE POINT: **FIRST ROAD UPSTREAM FROM LAKE ONTARIO**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SALEM CREEK**

STATION ID: **06-0148-001-02**
STORET CODE: **02 004 2950**

LAT LONG: U.T.M: **18 0272500.0 4876060.0 4** REGION: **03** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1330		.3	1	31019	4	52	308	16	4	0.0	13.5	0.8	0.011
81 02 17 1615		.3	1	31069	6	26000	35000	80I	540	1.0	10.6	1.2	0.085
81 03 24 1209		.3	1	31035		50A	60A	10<	10<	5.5	13.20	0.6	0.099
81 04 28 0940		.3	1	31111	6 8	70A	530	10<	10A	10.5	9.80	0.8	0.020
81 05 26 1025		.3	1	31173	6 8	170	2400	10<	80A	17.5	11.80	1.2	0.023
81 06 18 1430		.3	1	31265	6 8	1700A	126000	40A	110	22.0	10.30	1.4	0.039
81 07 29 0820		.3	1	31295	6 8	670A	15000	120	800	14.2	8.10	1.2	0.055
81 08 18 1010		.3	1	31356	8	1900	19000	90A	50A	15.8	10.70	0.6	0.185
81 09 15 0940		.3	1	31417	8	1500	27500	10A	70A	17.2	12.80		
81 10 27 1100		.3	1	31478	8	5100A	65000	30A	1500>	10.0	12.60	1.0	0.060
81 11 24 1020		.3	1	31540	8	40A	280	10<	10<	1.5	14.00	0.2<T	0.011
81 12 16 1010		3	1	31630	8	220	1600	8	4<	2.0	10.30	0.2<T	0.011
MAXIMUM						**26000**	**126000**	**120**	**800**	**22.0**	**14.00**	**1.4**	**0.185**
ARITH MEAN						**3123**	**24390**	**49**	**208**	**10.7**	**11.4**	**0.8<A**	**0.054**
GEOM MEAN						**470**	**4116**	**33**	**69**	**7.2**	**11.3**	**0.7<A**	**0.036**
MINIMUM						**40**	**60**	**8**	**4**	**1.0**	**8.10**	**0.2**	**0.011**
STD DEV (GEOM *)						**8***	**12***	**3***	**6***	**7.3**	**1.7**	**0.4<A**	**0.053**
# SAMPLES (IN STATISTICS)						**12**	**12**	**8**	**8**	**11**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 13 1330		.3	1	0.006	0.090	0.280	0.012	1.550		1.652	0.190	1.842	315.0
81 02 17 1615		.3	1	0.010	0.088	0.600	0.019	1.330		1.437	0.512	1.949	303.00
81 03 24 1209		.3	1	0.080	0.002	0.19	0.006	1.090	1.100	1.098	0.188	1.286	289
81 04 28 0940		.3	1	0.005	0.038	0.28	0.011	0.850	0.860	0.899	0.242	1.141	264
81 05 26 1025		.3	1	0.006	0.032	0.28	0.035	0.755	0.785	0.822	0.248	1.070	232
81 06 18 1430		.3	1	0.012	0.006	0.39	0.001	0.970	0.970	0.977	0.384	1.361	264
81 07 29 0820		.3	1	0.008	0.012	0.45	0.056	0.765	0.820	0.833	0.438	1.271	293
81 08 18 1010		.3	1	0.155	0.030	0.35	0.023	0.640	0.665	0.693	0.320	1.013	285
81 10 27 1100		.3	1	0.011	0.034	0.38	0.004	1.050	1.050	1.088	0.346	1.434	304
81 11 24 1020		.3	1	0.002	0.004	0.24	0.005	1.140	1.150	1.149	0.236	1.385	295
81 12 16 1010		3	1	0.006	0.006	0.17	0.007	1.290	1.300	1.303	0.164	1.467	292
MAXIMUM				**0.155**	**0.090**	**0.600**	**0.056**	**1.550**	**1.300**	**1.652**	**0.512**	**1.949**	**315.0**
ARITH MEAN				**0.027**	**0.031**	**0.32**	**0.016**	**1.039**	**0.967**	**1.086**	**0.297**	**1.384**	**285**
GEOM MEAN				**0.011**	**0.017**	**0.30**	**0.010**	**1.005**	**0.948**	**1.053**	**0.279**	**1.357**	**284**
MINIMUM				**0.002**	**0.002**	**0.17**	**0.001**	**0.640**	**0.665**	**0.693**	**0.164**	**1.013**	**232**
STD DEV (GEOM *)				**0.048**	**0.032**	**0.12**	**0.017**	**0.279**	**0.202**	**0.288**	**0.113**	**0.293**	**23**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**9**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 13 1330		.3	1	6.0		485.0	1.60	19.000		8.02	8.2		
81 02 17 1615		.3	1	45.00	258.00	435.0		22.500		7.96	7.5		
81 03 24 1209		.3	1	4		450	0.95	18.00	198	8.43	8.40	1<T	0.10
81 04 28 0940		3	1		260	445	1.80	18.50	189	8.46	7.90		
81 05 26 1025		3	1		226	410	1.50		171	8.36	8.00		
81 06 18 1430		3	1		249	430	2.50		182	8.19	8.25		
81 07 29 0820		3	1		273	420	0.87		187	8.02	7.90		
81 08 18 1010		3	1		279	450	2.80	19.00	195	8.24	8.15		
81 09 15 0940		.3	1								8.00	1<T	
81 10 27 1100		.3	1	22.0		460	5.90	17.50	205	8.16	8.25	1<T	0.88
81 11 24 1020		.3	1	2.3		470	1.92	19.00	214	8.38	8.25	1<T	0.15
81 12 16 1010		.3	1	2.2		470	2.10	19.50	206	8.52	7.40	1<T	0.12
MAXIMUM				**45.00**	**279**	**485.0**	**5.90**	**22.500**	**214**	**8.52**	**8.40**	**1**	**0.88**
ARITH MEAN				**13**	**257**	**447**	**2.19**	**19.12**	**194**	**8.25**	**8.0**	**1<A**	**0.31**
GEOM MEAN				**7**	**256**	**447**	**1.89**	**19.07**	**194**	**8.25**	**8.0**	**1<A**	**0.20**
MINIMUM				**2.2**	**226**	**410**	**0.87**	**17.50**	**171**	**7.96**	**7.40**	**1**	**0.10**
STD DEV (GEOM *)				**17**	**18**	**22**	**1.44**	**1.50**	**13**	**0.19**	**0.3**	**0<A**	**0.38**
# SAMPLES (IN STATISTICS)				**6**	**6**	**11**	**10**	**8**	**9**	**11**	**12**	**5**	**4**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 1209		.3	1	0.001<	0.003<	0.001
81 09 15 0940		.3	1	0.006	0.003<	0.001
81 10 27 1100		.3	1	0.003	0.003<	0.001
81 11 24 1020		.3	1	0.007	0.005	0.007
81 12 16 1010		.3	1	0.002	0.001<	0.001
	MAXIMUM			**0.007**	**0.005**	**0.007**
	ARITH MEAN			**0.004**	**0.005**	**0.002**
	GEOM MEAN			**0.004**		**0.001**
	MINIMUM			**0.002**	**0.005**	**0.001**
	STD DEV (GEOM *)			**0.002**		**0.003**
	# SAMPLES (IN STATISTICS)			**4**	**1**	**5**

B.O.W./ SITE: **PROCTORS CREEK**
SAMPLE POINT: **ROAD TO HIGHWAY 33, BRIGHTON**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **PROCTORS CREEK**

STATION ID: **06-0151-001-02**
STORET CODE: **02 004 2820**

LAT: LONG: U.T.M.: **18 0281675.0 4878350.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1345		.3	1	31020	4	2200	2300	1170	70I	0.0	14.4	0.6	0.033
81 02 17 1630		.3	1	31070	4	220000	430000	1800	12800	0.5	11.8	3.8	0.300
81 03 24 1325		.3	1	31036		60A	550	10<	50A	4.8	11.80	0.4	0.100
81 04 28 1008		.3	1	31112	6 8	520	3000>	30A	20A	9.0	10.80	0.4	0.013
81 05 26 1100		.3	1	31174	6 8	300A	210000	50A	10A	17.0	14.10	0.4	0.009
81 06 18 1330		.3	1	31263	6 8	380A	18400	110	110	22.0	12.20	0.8	0.055
81 07 29 0850		.3	1	31296	6 8	10700A	71000	4400	5700	13.0	8.50	0.8	0.045
81 08 18 1030		.3	1	31357	8	2500A	31000	380	410	15.0	11.40	0.2	0.105
81 09 15 1020		.3	1	31418	8	2700A	38500	210	100	16.0	13.70	0.8	0.130
81 10 27 1121		.3	1	31479	8	4800A	42000	220	1280	10.0	12.60	1.6	0.130
81 11 24 1100		.3	1	31541	8	140	1300	30A	20A	1.5	14.40	0.4	0.009
81 12 16 1035		.3	1	31631	8	230	2100	28	20	1.5	10.80	0.4	0.011
	MAXIMUM					**220000**	**430000**	**4400**	**12800**	**22.0**	**14.40**	**3.8**	**0.300**
	ARITH MEAN					**20377**	**77014**	**766**	**1716**	**10.0**	**12.2**	**0.9**	**0.078**
	GEOM MEAN					**1279**	**16218**	**202**	**149**	**6.2**	**12.0**	**0.6**	**0.044**
	MINIMUM					**60**	**550**	**28**	**10**	**0.5**	**8.50**	**0.2**	**0.009**
	STD DEV (GEOM *)					**9***	**9***	**6***	**10***	**7.3**	**1.7**	**1.0**	**0.084**
	# SAMPLES (IN STATISTICS)					**12**	**11**	**11**	**12**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1345		.3	1	0.006	0.040	0.360	0.005	1.500		1.545	0.320	1.865	389.0
81 02 17 1630		.3	1	0.043	0.130	1.220	0.028	1.170		1.328	1.090	2.418	382.00
81 03 24 1325		.3	1	0.043	0.002<W	0.27	0.004	1.100	1.100	1.106	0.268	1.374	388
81 04 28 1008		.3	1	0.003	0.018	0.28	0.005	0.935	0.940	0.958	0.262	1.220	350
81 05 26 1100		.3	1	0.002	0.036	0.26	0.007	0.880	0.885	0.923	0.224	1.147	331
81 06 18 1330		.3	1	0.018	0.014	0.26	0.039	0.915	0.955	0.968	0.246	1.214	224
81 07 29 0850		.3	1	0.010	0.020	0.48	0.011	0.880	0.890	0.911	0.460	1.371	418
81 08 18 1030		.3	1	0.024	0.004	0.29	0.003	1.050	1.050	1.057	0.286	1.343	362
81 09 15 1020		.3	1		0.006	0.30	0.005	1.040	1.050	1.051	0.294	1.345	
81 10 27 1121		.3	1	0.019	0.030	0.70	0.005	0.755	0.760	0.790	0.670	1.460	406
81 11 24 1100		.3	1	0.003	0.004	0.34	0.002	1.200	1.200	1.206	0.336	1.542	379
81 12 16 1035		.3	1	0.001	0.004	0.25	0.002	1.150	1.150	1.156	0.246	1.402	332
	MAXIMUM			**0.043**	**0.130**	**1.220**	**0.039**	**1.500**	**1.200**	**1.545**	**1.090**	**2.418**	**418**
	ARITH MEAN			**0.016**	**0.026<A**	**0.41**	**0.010**	**1.048**	**0.998**	**1.083**	**0.392**	**1.475**	**360**
	GEOM MEAN			**0.008**	**0.013<A**	**0.36**	**0.006**	**1.032**	**0.989**	**1.066**	**0.345**	**1.444**	**355**
	MINIMUM			**0.001**	**0.002**	**0.25**	**0.002**	**0.755**	**0.760**	**0.790**	**0.224**	**1.147**	**224**
	STD DEV (GEOM *)			**0.016**	**0.035<A**	**0.28**	**0.012**	**0.197**	**0.136**	**0.206**	**0.253**	**0.350**	**53**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1345		.3	1	18.0		600.0	4.00	35.500		8.01	8.1		
81 02 17 1630		.3	1	134.00	248.00	440.0		48.500		7.72	7.5		
81 03 24 1325		.3	1	30		560	1.60	38.00	218	8.30	8.30	1<T	0.16
81 04 28 1008		.3	1		348	495	1.50	42.50	226	8.42	7.80		
81 05 26 1100		.3	1		319	540	1.20		202	8.37	8.00		
81 06 18 1330		.3	1		221	530	1.00		207	8.45	8.40		
81 07 29 0850		.3	1		401	640	2.40		205	8.22	8.10		
81 08 18 1030		.3	1		358	620	1.70	47.50	237	8.32	8.25		
81 09 15 1020		.3	1			640	0.62	49.50	249	8.29	8.20	1<T	0.12
81 10 27 1121		.3	1	67.0		560	14.10	35.00	252	8.12	8.30	1<T	1.75
81 11 24 1100		.3	1	0.7		600	1.48	39.50	259	8.28	8.30	1<T	0.12
81 12 16 1035		.3	1	6.2		560	1.88	36.50	195	8.27	7.70	1<T	0.08
	MAXIMUM			**134.00**	**401**	**640**	**14.10**	**49.50**	**259**	**8.45**	**8.40**	**1**	**1.75**
	ARITH MEAN			**42**	**315**	**565**	**2.86**	**41.38**	**225**	**8.23**	**8.0**	**1<A**	**0.45**
	GEOM MEAN			**16**	**309**	**562**	**1.90**	**41.03**	**224**	**8.23**	**8.0**	**1<A**	**0.20**
	MINIMUM			**0.7**	**221**	**440.0**	**0.62**	**35.00**	**195**	**7.72**	**7.5**	**1**	**0.08**
	STD DEV (GEOM *)			**50**	**68**	**59**	**3.83**	**5.80**	**23**	**0.20**	**0.2**	**0<A**	**0.73**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**12**	**11**	**9**	**10**	**12**	**12**	**5**	**5**

(CONTD)

B.O.W./ SITE: **PROCTORS CREEK**
SAMPLE POINT: **ROAD TO HIGHWAY 33, BRIGHTON**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **PROCTORS CREEK**

STATION ID: **06-0151-001-02**
STORET CODE: **02 004 2820**

LAT: LONG: U T M: **18 0281675.0 4878350.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 1325		.3	1	0.002	0.003<	0.005
81 09 15 1020		.3	1	0.008	0.003<	0.001<
81 10 27 1121		.3	1	0.006	0.010	0.018
81 11 24 1100		.3	1	0.006	0.005	0.006
81 12 16 1035		.3	1	0.002	0.003<	0.002
	MAXIMUM			**0.008**	**0.010**	**0.018**
	ARITH MEAN			**0.005**	**0.007**	**0.008**
	GEOM MEAN			**0.004**	**0.007**	**0.006**
	MINIMUM			**0.002**	**0.005**	**0.002**
	STD DEV (GEOM *)			**0.003**	**0.004**	**0.007**
	# SAMPLES (IN STATISTICS)			**5**	**2**	**4**

B.O.W./ SITE: **SMITHFIELD CREEK**
SAMPLE POINT: **COUNTY ROAD 64 NEAR LOVETT**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HD109**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SMITHFIELD CREEK**

STATION ID: **06-0152-001-02**
STORET CODE: **02 004 2760**

LAT: LONG: U T M: **18 0285960.0 4879640.0 4** REGION: **03** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 13 1410		.3	1	31021	4	280	3400	20I	20<	0.0	14.7	0.6	0.032
81 02 17 1645		.3	1	31071	4	47000	52000	620	3000>	0.5	11.9	1.6	0.095
81 03 24 1345		.3	1	31037	6	140	490	10<	40A	5.0	12.70	1.0	0.014
81 04 28 1030		.3	1	31113	6 8	310	3000>	10A	40A	10.0	10.70	0.8	0.019
81 05 26 1130		.3	1	31175	6 8	500A	240000>	20A	10<	18.0	13.20	0.6	0.011
81 06 18 1350		.3	1	31264	6 8	3200A	116000	220	160	22.0	10.40	0.6	0.059
81 07 29 0915		.3	1	31297	6 8	5600A	120000	2600	5700	13.0	8.60	1.2	0.088
81 08 18 1100		.3	1	31358	8	3900A	31000	520	580	14.8	11.20	0.2<T	0.186
81 09 15 1040		.3	1	31419	8	1600A	55000	130	280	16.0	13.80	0.8	0.040
81 10 27 1140		.3	1	31480		3700A	37000	90A	730	9.9	12.00	1.0	0.060
81 11 24 1120		.3	1	31542	8	220	1200	30A	20A	1.0	14.60	0.4	0.014
81 12 16 1102		.3	1	31632	8	330	1900	12	4<	2.0	11.00	1.0	0.012
	MAXIMUM					**47000**	**120000**	**2600**	**5700**	**22.0**	**14.7**	**1.6**	**0.186**
	ARITH MEAN					**5565**	**41799**	**388**	**944**	**10.2**	**12.0**	**0.8<A**	**0.052**
	GEOM MEAN					**1196**	**13302**	**90**	**208**	**6.3**	**11.9**	**0.7<A**	**0.035**
	MINIMUM					**140**	**490**	**10**	**20**	**0.5**	**8.60**	**0.2**	**0.011**
	STD DEV (GEOM *)					**6***	**8***	**6***	**7***	**7.3**	**1.8**	**0.4<A**	**0.051**
	# SAMPLES (IN STATISTICS)					**12**	**10**	**11**	**8**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1410		.3	1	0.005	0.048	0.400	0.008	1.350		1.406	0.352	1.758	365.0
81 02 17 1645		.3	1	0.036	0.158	1.300	0.022	1.730		1.910	1.142	3.052	277.00
81 03 24 1345		.3	1	0.001	0.004	0.26	0.004	1.100	1.100	1.108	0.256	1.364	315
81 04 28 1030		.3	1	0.002	0.042	0.44	0.006	0.740	0.745	0.788	0.398	1.186	297
81 05 26 1130		.3	1	0.002	0.030	0.25	0.006	0.790	0.795	0.826	0.220	1.046	265
81 06 18 1350		.3	1	0.029	0.006	0.30	0.036	0.710	0.745	0.752	0.294	1.046	284
81 07 29 0915		.3	1	0.009	0.014	0.75	0.004	0.435	0.440	0.453	0.736	1.189	333
81 08 18 1100		.3	1	0.160	0.018	0.33	0.006	0.645	0.650	0.669	0.312	0.981	302
81 09 15 1040		.3	1	0.028	0.034	0.32	0.016	0.875	0.890	0.925	0.286	1.211	
81 10 27 1140		.3	1	0.010	0.026	0.58	0.002	1.150	1.150	1.178	0.554	1.732	364
81 11 24 1120		.3	1	0.002	0.034	0.40	0.004	1.400	1.400	1.438	0.366	1.804	349
81 12 16 1102		.3	1	0.004	0.010	0.28	0.002	1.200	1.200	1.212	0.270	1.482	310
	MAXIMUM			**0.160**	**0.158**	**1.300**	**0.036**	**1.730**	**1.400**	**1.910**	**1.142**	**3.052**	**365.0**
	ARITH MEAN			**0.024**	**0.035**	**0.46**	**0.010**	**1.010**	**0.911**	**1.055**	**0.432**	**1.488**	**314**
	GEOM MEAN			**0.008**	**0.023**	**0.41**	**0.006**	**0.945**	**0.867**	**0.985**	**0.382**	**1.411**	**312**
	MINIMUM			**0.001**	**0.004**	**0.25**	**0.002**	**0.435**	**0.440**	**0.453**	**0.220**	**0.981**	**265**
	STD DEV (GEOM *)			**0.045**	**0.041**	**0.30**	**0.010**	**0.375**	**0.293**	**0.403**	**0.266**	**0.572**	**34**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 13 1410		.3	1	19.0	346.0	560.0	6.10	31.000		8.06	8.1		
81 02 17 1645		.3	1	17.00	260.000	400.0		28.500		7.75	7.4		
81 03 24 1345		.3	1	11		495	0.98	28.50	204	8.37	8.30	1<T	0.09
81 04 28 1030		.3	1		295	495	0.75	25.00	208	8.40	7.90		
81 05 26 1130		.3	1		261	480	1.20		193	8.41	8.00		
81 06 18 1350		.3	1		279	470	2.20		192	8.55	8.50		
81 07 29 0915		.3	1		293	470	2.80		197	8.16	8.15		
81 08 18 1100		.3	1		296	500	2.00	31.00	204	8.33	8.35		
81 09 15 1040		.3	1			540	0.72	31.50	223	8.36	8.20	1<T	0.11
81 10 27 1140		.3	1	30.0		530	5.80	27.50	228	8.15	8.30	1<T	0.57
81 11 24 1120		.3	1	3.9		540	2.70	27.00	237	8.34	8.40	1<T	0.15
81 12 16 1102		.3	1	12.0		540	4.70	27.50	228	8.43	7.70	1<T	0.16
	MAXIMUM			**30.0**	**346.0**	**560.0**	**6.10**	**31.50**	**237**	**8.55**	**8.50**	**1**	**0.57**
	ARITH MEAN			**15**	**290**	**501**	**2.72**	**28.61**	**211**	**8.28**	**8.1**	**1<A**	**0.22**
	GEOM MEAN			**13**	**288**	**499**	**2.10**	**28.53**	**211**	**8.27**	**8.1**	**1<A**	**0.17**
	MINIMUM			**3.9**	**260.000**	**400.0**	**0.72**	**25.00**	**192**	**7.75**	**7.4**	**1**	**0.09**
	STD DEV (GEOM *)			**8**	**29**	**44**	**1.97**	**2.17**	**16**	**0.21**	**0.3**	**0<A**	**0.20**
	# SAMPLES (IN STATISTICS)			**6**	**7**	**12**	**11**	**9**	**10**	**12**	**12**	**5**	**5**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 24 1345		.3	1	0.003	0.003<	0.002
81 09 15 1040		.3	1	0.007	0.003<	0.003
81 10 27 1140		.3	1	0.017	0.003<	0.002
81 11 24 1120		.3	1	0.006	0.005	0.005
81 12 16 1102		.3	1	0.002	0.003<	0.001
	MAXIMUM			**0.017**	**0.005**	**0.005**
	ARITH MEAN			**0.007**	**0.005**	**0.003**
	GEOM MEAN			**0.005**		**0.002**
	MINIMUM			**0.002**	**0.005**	**0.001**
	STD DEV (GEOM *)			**0.006**		**0.002**
	# SAMPLES (IN STATISTICS)			**5**	**1**	**5**

B.O.W./ SITE: **CONSECON CREEK**
SAMPLE POINT: **AT MILL DAM CONSECON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CONSECON CREEK**

STATION ID: **06-0157-001-02**
STORET CODE: **02 004 2640**

LAT: LONG: U.T.M: **18 0297750.0 4874150.0 4** REGION: **04** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 27 1015		.3	1	27805	6	1.0	5.0	0.016	395.0	0.70	183.0	7.80	
81 02 24 1100		.3	1	27813	6 3	2.0	5.0	0.078	275.0	2.20	124.0	8.20	1.000<
81 03 31 1030		.3	1	27821	6	9.0	9.0	0.018	295.0	0.40	139.0	8.00	
81 04 28 1030		.3	1	27829				0.012	325.0	0.70	152.0	8.20	1.000<
81 05 26 1110		.3	1	27837	6 8	19.0	3.0						
81 06 30 1030		.3	1	27845	6 8	23.0	3.0	0.028	255.0	1.10	128.0	7.80	
81 07 28 1000		.3	1	27853	6 8	24.0	7.0						1.000<
81 08 25 1000		.3	1	27861	8 6	22.0	8.0	0.026	220.0	0.94	101.0	7.90	
81 09 29 1010		.3	1	27869	6 8	11.0	7.0	0.022	325.0	0.65	160.0	7.90	1.000<
81 10 27 1015		.3	1	27877	6	8.0	9.0	0.034	335.0	0.75	169.0	7.90	1.000<
81 11 24 1015		.3	1	27885	6	0.0	6.0	0.022	390.0	1.70	181.0	8.10	1.000<
81 12 22 1040		.3	1	27893	6	2.0	13.0						
	MAXIMUM					**24.0**	**13.0**	**0.078**	**395.0**	**2.20**	**183.0**	**8.20**	
	ARITH MEAN					**12.1**	**6.8**	**0.028**	**312.8**	**1.02**	**148.6**	**7.98**	
	GEOM MEAN					**7.7**	**6.2**	**0.025**	**307.8**	**0.90**	**146.1**	**7.98**	
	MINIMUM					**1.0**	**3.0**	**0.012**	**220.0**	**0.40**	**101.0**	**7.80**	
	STD DEV (GEOM *)					**9.2**	**2.9**	**0.020**	**58.3**	**0.58**	**27.8**	**0.16**	
	# SAMPLES (IN STATISTICS)					**10**	**11**	**9**	**9**	**9**	**9**	**9**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 27 1015		.3	1	0.050					
81 02 24 1100		.3	1	0.200					
81 03 31 1030		.3	1	0.050	0.001<	0.001<	0.003<	0.001<	0.002<
81 04 28 1030		.3	1	0.050	0.001<	0.001<	0.003<	0.011	0.002<
81 05 26 1110		.3	1		0.001<	0.030	0.003<	0.002	0.001
81 06 30 1030		.3	1	0.050<	0.001<	0.001<	0.003<	0.001	0.002<
81 07 28 1000		.3	1		0.001<	0.002	0.003<	0.001	0.001
81 08 25 1000		.3	1	0.150	0.001<	0.002	0.003<	0.002	0.001
81 09 29 1010		.3	1	0.350	0.001<	0.001	0.003<	0.001	0.002<
81 10 27 1015		.3	1	0.750	0.001<	0.004	0.003<	0.001<	0.001<
81 11 24 1015		.3	1	0.100	0.001<	0.001	0.003<	0.001<	0.002<
81 12 22 1040		.3	1		0.001<	0.003	0.003<	0.002	0.002
	MAXIMUM			**0.750**		**0.030**		**0.011**	**0.002**
	ARITH MEAN			**0.212**		**0.006**		**0.003**	**0.001**
	GEOM MEAN			**0.133**		**0.003**		**0.002**	**0.001**
	MINIMUM			**0.050**		**0.001**		**0.001**	**0.001**
	STD DEV (GEOM *)			**0.240**		**0.011**		**0.004**	**0.000**
	# SAMPLES (IN STATISTICS)			**8**		**7**		**7**	**4**

B.O.W./ SITE: **CONSECON CREEK**
SAMPLE POINT: **AT COUNTY ROAD 2 ALLISONVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HE002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CONSECON CREEK**

STATION ID: **06-0157-002-02**
STORET CODE: **02 004 2640**

LAT: LONG: U.T.M: **18 0310300.0 4877450.0 4** REGION: **04** DISTANCE: **14.001**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH
81 01 27 0955		.3	1	27804	6	0.280	0.0	2.0	0.118	550.0	1.50	290.0	7.60
81 02 24 1025		.3	1	27812	6 3	22.400	1.0	5.0	0.026	245.0	1.50	110.0	8.10
81 03 31 1005		.3	1	27820	6	1.120	8.0	3.0	0.020	360.0	0.35	184.0	7.80
81 04 28 1005		.3	1	27828		1.950			0.024	380.0	0.60	196.0	8.10
81 05 26 1025		.3	1	27836	8	0.393	17.0	4.0					
81 06 30 1015		.3	1	27844	8	0.361	21.0	4.0	0.184	405.0	0.64	228.0	7.60
81 07 28 0940		.3	1	27852	8	0.026	21.0	2.0					
81 08 25 0940		.3	1	27860	8 6	0.079	19.0	8.0	0.052	410.0	0.95	217.0	7.80
81 09 29 0945		.3	1	27868	6 8	1.130	10.0	7.0	0.090	450.0	0.45	243.0	8.00
81 10 27 0955		.3	1	27876	6	1.400	8.0	5.0	0.078	450.0	0.80	245.0	7.50
81 11 24 0950		.3	1	27884	6	1.000	0.0	6.0	0.032	480.0	0.95	239.0	7.70
81 12 22 1015		.3	1	27892	6	0.260	0.0	3.0					
	MAXIMUM					**22.400**	**21.0**	**8.0**	**0.184**	**550.0**	**1.50**	**290.0**	**8.10**
	ARITH MEAN					**2.533**	**13.1**	**4.5**	**0.069**	**414.4**	**0.86**	**216.9**	**7.80**
	GEOM MEAN					**0.586**	**9.9**	**4.1**	**0.053**	**405.7**	**0.77**	**210.5**	**7.80**
	MINIMUM					**0.026**	**1.0**	**2.0**	**0.020**	**245.0**	**0.35**	**110.0**	**7.50**
	STD DEV (GEOM *)					**6.285**	**7.4**	**2.0**	**0.055**	**85.3**	**0.42**	**50.5**	**0.22**
	# SAMPLES (IN STATISTICS)					**12**	**8**	**11**	**9**	**9**	**9**	**9**	**9**

(CONTD)

B.O.W. / SITE: **CONSECON CREEK**
SAMPLE POINT: **AT COUNTY ROAD 2 ALLISONVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HE002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CONSECON CREEK**

STATION ID: **06-0157-002-02**
STORET CODE: **02 004 2640**

LAT: LONG: U.T.M: **18 0310300.0 4877450.0 4** REGION: **04** DISTANCE: **14.001**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 27 0955		.3	1		2.000					
81 02 24 1025		.3	1	1.000<	0.150					
81 03 31 1005		.3	1		0.250	0.001<	0.006	0.003<	0.001<	0.002<
81 04 28 1005		.3	1	1.000<	0.400	0.001<	0.001<	0.003<	0.005	0.002<
81 05 26 1025		.3	1			0.001	0.021	0.003<	0.003	0.001
81 06 30 1015		.3	1		0.650	0.001<	0.002	0.003<	0.003	0.002<
81 07 28 0940		.3	1	1.000<		0.008	0.005	0.003<	0.005	0.001<
81 08 25 0940		.3	1			0.001<	0.005	0.003<	0.001<	0.001
81 09 29 0945		.3	1	1.000<	0.450	0.001<	0.002	0.003<	0.001	0.002<
81 10 27 0955		.3	1	1.000<	0.630	0.001<	0.005	0.003<	0.001<	0.001<
81 11 24 0950		.3	1	1.000<	0.300	0.001<	0.001	0.003<	0.001<	0.002<
81 12 22 1015		.3	1			0.001	0.004	0.003<	0.001<	0.001
MAXIMUM					**2.000**	**0.008**	**0.021**		**0.005**	**0.001**
ARITH MEAN					**0.604**	**0.003**	**0.006**		**0.003**	**0.001**
GEOM MEAN					**0.449**	**0.002**	**0.004**		**0.003**	**0.001**
MINIMUM					**0.150**	**0.001**	**0.001**		**0.001**	**0.001**
STD DEV (GEOM *)					**0.590**	**0.004**	**0.006**		**0.002**	**0.000**
# SAMPLES (IN STATISTICS)					**8**	**3**	**9**		**5**	**3**

B.O.W./ SITE: **CONSECON CREEK**
SAMPLE POINT: **AT HIGHWAY 14**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **CONSECON CREEK**

STATION ID: **06-0157-003-02**
STORET CODE: **02 004 2640**

LAT: LONG: U.T.M: **18 0316850.0 4877650.0 4** REGION: **04** DISTANCE: **22.852**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 27 0940		.3	1	27803	6	0.0	2.0	0.142	550.0	3.50	291.0	7.50	
81 02 24 1015		.3	1	27811	6 3	1.0	3.0	0.062	250.0	0.77	116.0	7.70	1.000<
81 03 31 0950		.3	1	27819	6	8.0	4.0	0.032	345.0	0.30	177.0	7.80	
81 04 28 0950		.3	1	27827				0.052	380.0	0.90	198.0	8.00	1.000<
81 05 26 1000		.3	1	27835	6 8	17.5	1.0						
81 06 30 0950		.3	1	27843	6 8	21.0	2.0	0.140	430.0	1.10	252.0	7.40	
81 07 28 0930		.3	1	27851	7	19.0	2.0						1.000<
81 08 25 0930		.3	1	27859	7	18.0	2.0	0.160	475.0	0.95	264.0	7.50	
81 09 29 0930		.3	1	27867	6	10.0	3.0	0.132	450.0	0.85	240.0	7.60	1.000<
81 10 27 0935		.3	1	27875	6	8.0	7.0	0.174	460.0	1.30	248.0	7.20	1.000<
81 11 24 0935		.3	1	27883	6	0.0	4.0	0.044	400.0	0.90	247.0	7.50	1.000<
81 12 22 0950		.3	1	27891	4	0.0	4.0						
MAXIMUM						**21.0**	**7.0**	**0.174**	**550.0**	**3.50**	**291.0**	**8.00**	
ARITH MEAN						**12.8**	**3.1**	**0.104**	**415.6**	**1.17**	**225.9**	**7.58**	
GEOM MEAN						**9.7**	**2.7**	**0.088**	**406.8**	**0.97**	**219.0**	**7.57**	
MINIMUM						**1.0**	**1.0**	**0.032**	**250.0**	**0.30**	**116.0**	**7.20**	
STD DEV (GEOM *)						**7.1**	**1.6**	**0.056**	**85.8**	**0.91**	**53.3**	**0.23**	
# SAMPLES (IN STATISTICS)						**8**	**11**	**9**	**9**	**9**	**9**	**9**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 27 0940		.3	1	1.300					
81 02 24 1015		.3	1	0.150					
81 03 31 0950		.3	1	0.200	0.001<	0.007	0.003<	0.001	0.002<
81 04 28 0950		.3	1	0.350	0.001<	0.001<	0.003<	0.001<	0.002<
81 05 26 1000		.3	1		0.002	0.034	0.003<	0.002	0.001
81 06 30 0950		.3	1	0.550	0.001	0.002	0.003<	0.001	0.002<
81 07 28 0930		.3	1		0.006	0.005	0.003<	0.005	0.001<
81 08 25 0930		.3	1	0.450	0.001<	0.005	0.003	0.001	0.001<
81 09 29 0930		.3	1	1.000	0.001<	0.002	0.003<	0.001<	0.002<
81 10 27 0935		.3	1	1.300	0.001	0.005	0.003<	0.001	0.001<
81 11 24 0935		.3	1	0.300	0.001<	0.001	0.003<	0.001<	0.002<
81 12 22 0950		.3	1		0.001<	0.005	0.003<	0.004	0.001
MAXIMUM				**1.300**	**0.006**	**0.034**	**0.003**	**0.005**	**0.001**
ARITH MEAN				**0.622**	**0.002**	**0.007**	**0.003**	**0.002**	**0.001**
GEOM MEAN				**0.479**	**0.002**	**0.004**		**0.002**	**0.001**
MINIMUM				**0.150**	**0.001**	**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.458**	**0.002**	**0.010**		**0.002**	**0.000**
# SAMPLES (IN STATISTICS)				**9**	**4**	**9**	**1**	**7**	**2**

B.O.W./ SITE: **BLOOMFIELD CREEK**
SAMPLE POINT: **AT CHURCH STREET BLOOMFIELD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HE001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BLOOMFIELD CREEK**

STATION ID: **06-0163-001-02**
STORET CODE: **02 004 2460**

LAT: LONG: U T M: **18 0319750.0 4871200.0 4** REGION: **04** DISTANCE: **5.954**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*
81 01 27 0920		.3	1	27802	6	0.101	0.0	3.0	0.134	700.0	1.10	264.0	7.80
81 02 24 0930		.3	1	27810	6 3	1.960	3.0	7.0	0.102	340.0	8.40	137.0	8.00
81 03 31 0930		.3	1	27818	6	0.177	8.0	4.0	0.072	550.0	0.35	240.0	8.00
81 04 28 0930		.3	1	27826		0.071			0.160	540.0	0.90	252.0	8.10
81 05 26 1145		.3	1	27834	6 8	0.022	18.0	2.0					
81 06 30 0930		.3	1	27842	6 8	0.027	21.0	3.0	0.900	670.0	1.10	283.0	7.70
81 07 28 0910		.3	1	27850	7	0.047	19.0	2.0					
81 08 25 0910		.3	1	27858	7 9	0.019	19.0	2.0	4.300	990.0	4.50	398.0	7.50
81 09 29 0910		.3	1	27866	6 8	0.047	9.0	5.0	0.500	720.0	0.55	344.0	7.70
81 10 27 0915		.3	1	27874	6 0	0.245	9.0	6.0	0.580	640.0	6.50	162.0	7.10
81 11 24 0915		.3	1	27882	6	0.090	0.0	5.0	0.060	700.0	0.85	293.0	7.70
81 12 22 0940		.3	1	27890	6	0.051	0.0	7.0					
MAXIMUM						**1.960**	**21.0**	**7.0**	**4.300**	**990.0**	**8.40**	**398.0**	**8.10**
ARITH MEAN						**0.238**	**13.2**	**4.2**	**0.756**	**650.0**	**2.69**	**263.7**	**7.73**
GEOM MEAN						**0.080**	**11.3**	**3.8**	**0.280**	**627.7**	**1.52**	**251.5**	**7.73**
MINIMUM						**0.019**	**3.0**	**2.0**	**0.060**	**340.0**	**0.35**	**137.0**	**7.10**
STD DEV (GEOM *)						**0.546**	**6.7**	**1.9**	**1.360**	**174.7**	**3.00**	**81.2**	**0.30**
# SAMPLES (IN STATISTICS)						**12**	**8**	**11**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PHNOL*	*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 27 0920		.3	1		0.200						
81 02 24 0930		.3	1	1.000<	0.450						
81 03 31 0930		.3	1		0.050		0.001<	0.007	0.003<	0.003	0.002<
81 04 28 0930		.3	1	1.000<	0.050		0.001<	0.001<	0.003<	0.003	0.002<
81 05 26 1145		.3	1				0.001<	0.022	0.003<	0.001	0.002
81 06 30 0930		.3	1		0.200		0.001<	0.002	0.003<	0.001<	0.002<
81 07 28 0910		.3	1	13.000			0.001	0.004	0.003<	0.004	0.001<
81 08 25 0910		.3	1		2.100	0.070	0.001<	0.005	0.004	0.005	0.001
81 09 29 0910		.3	1	1.000<	0.600		0.001<	0.003	0.003<	0.001<	0.002<
81 10 27 0915		.3	1	2.000	1.000		0.001<	0.006	0.003<	0.001	0.001<
81 11 24 0915		.3	1	1.000<	0.100		0.001<	0.001	0.003<	0.001<	0.002<
81 12 22 0940		.3	1				0.001<	0.004	0.007	0.005	0.003
MAXIMUM				**13.000**	**2.100**	**0.070**	**0.001**	**0.022**	**0.007**	**0.005**	**0.003**
ARITH MEAN				**7.500**	**0.528**	**0.070**	**0.001**	**0.006**	**0.005**	**0.003**	**0.002**
GEOM MEAN				**5.099**	**0.261**			**0.004**	**0.005**	**0.003**	**0.002**
MINIMUM				**2.000**	**0.050**	**0.070**	**0.001**	**0.001**	**0.004**	**0.001**	**0.001**
STD DEV (GEOM *)				**7.778**	**0.667**			**0.006**	**0.002**	**0.002**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**9**	**1**	**1**	**9**	**2**	**7**	**3**

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **AT COUNTY ROAD 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BLACK RIVER**

STATION ID: **06-0172-001-02**
STORET CODE: **02 004 2010**

LAT: LONG: U T M: **18 0332300.0 4866500.0 4** REGION: **04** DISTANCE: **7.725**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 27 0855		.3	1	27801	6	0.0	2.0	0.030	540.0	1.20	284.0	7.90	
81 02 24 0900		.3	1	27809	6 3	3.0	8.0						1.000<
81 03 31 0900		.3	1	27817	6	7.0	7.0	0.074	405.0	0.70	205.0	8.20	
81 04 28 0900		.3	1	27825				0.166	410.0	1.60	212.0	8.20	1.000<
81 05 26 1220		.3	1	27833	6	20.0	3.0						
81 06 30 0900		.3	1	27841	6	23.0	5.0	0.072	335.0	3.70	186.0	7.90	
81 07 28 0840		.3	1	27849	6 8	23.0	7.0						1.000<
81 08 25 0840		.3	1	27857	6 8	22.0	8.0	0.670	260.0	1.20	133.0	8.00	
81 09 29 0845		.3	1	27865	6 8	13.0	10.0	0.068		1.20	238.0	8.20	1.000<
81 10 27 0850		.3	1	27873	6	8.0	11.0	0.062	485.0	2.00	259.0	7.90	1.000<
81 11 24 0850		.3	1	27881	6	1.0	6.0	0.022	530.0	1.30	263.0	8.00	1.000<
MAXIMUM						**23.0**	**11.0**	**0.670**	**540.0**	**3.70**	**284.0**	**8.20**	
ARITH MEAN						**13.3**	**6.7**	**0.145**	**423.6**	**1.61**	**222.5**	**8.04**	
GEOM MEAN						**9.3**	**6.0**	**0.080**	**411.8**	**1.44**	**217.2**	**8.04**	
MINIMUM						**1.0**	**2.0**	**0.022**	**260.0**	**0.70**	**133.0**	**7.90**	
STD DEV (GEOM *)						**8.9**	**2.8**	**0.216**	**103.1**	**0.92**	**48.9**	**0.14**	
# SAMPLES (IN STATISTICS)						**9**	**10**	**8**	**7**	**8**	**8**	**8**	

(CONTD)

B.O.W./SITE: **BLACK RIVER**
SAMPLE POINT: **AT COUNTY ROAD 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **BLACK RIVER**

STATION ID: **06-0172-001-02**
STORET CODE: **02 004 2010**

LAT: LONG: U.T.M: **18 0332300.0 4866500.0 4** REGION: **04** DISTANCE: **7.725**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 27 0855		3	1	0.300						
81 03 31 0900		3	1	0.200		0.001<	0.014	0.004	0.007	0.002<
81 04 28 0900		3	1	0.250		0.001<	0.001<	0.003<	0.001	0.002<
81 05 26 1220		3	1			0.001<	0.005	0.003<	0.001	0.001
81 06 30 0900		3	1	1.550		0.001<	0.003	0.003<	0.004	0.002<
81 07 28 0840		3	1			0.001<	0.003	0.004	0.002	0.001<
81 08 25 0840		3	1	0.350	50.000	0.001<	0.003	0.003	0.001	0.001<
81 09 29 0845		3	1	0.400		0.001<	0.002	0.003<	0.001	0.002<
81 10 27 0850		3	1	0.630		0.001<	0.005	0.003<	0.001<	0.001<
81 11 24 0850		3	1	0.300		0.001<	0.001	0.003<	0.001<	0.002<
MAXIMUM				**1.550**	**50.000**		**0.014**	**0.004**	**0.007**	**0.001**
ARITH MEAN				**0.497**	**50.000**		**0.004**	**0.004**	**0.002**	**0.001**
GEOM MEAN				**0.397**			**0.003**	**0.004**	**0.002**	
MINIMUM				**0.200**	**50.000**		**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.445**			**0.004**	**0.001**	**0.002**	
# SAMPLES (IN STATISTICS)				**8**	**1**		**8**	**3**	**7**	**1**

B.O.W./SITE: **MILLHAVEN CREEK**
SAMPLE POINT: **FIRST CONCESSION ROAD SOUTH OF ODESSA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MILLHAVEN CREEK**

STATION ID: **06-0180-004-02**
STORET CODE: **02 004 0080**

LAT: LONG: U.T.M: **18 0362110.0 4902175.0 4** REGION: **04** DISTANCE: **6.437**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 01 06 0910		3	1	28502	4<	32	0.0	4.0	0.6	0.042	0.280	500.0	1.20
81 02 03 0915		3	1	28511	60	28	0.0	2.0	0.8	0.054	0.550	480.0	1.10
81 03 05 1400		3	1	28520			3.0	9.0	1.0<	0.022	0.020	280.0	1.20
81 04 06 1000		3	1	28529	28	24	8.0	9.0	1.0<	0.048	0.040	320.0	1.50
81 05 05 0920		3	1	28538	12	36	14.0	8.0	1.6	0.072	0.060	325.0	1.60
81 06 09 0915		3	1	28547	80	8	19.0	8.0	1.0	0.060	0.020	305.0	1.90
81 07 07 0915		3	1	28556			24.0	7.0					
81 08 05 1255		3	1	28565	4	16	22.0	8.0	1.0	0.038	0.040	280.0	1.50
81 09 15 0910		3	1	28574	60	360	17.0	6.0	0.3	0.026	0.020	305.0	0.65
81 10 06 1320		3	1	28583	40	16	10.0	8.0	0.8	0.026	0.040	320.0	0.93
81 11 03 1325		3	1	28592	4<	4<	8.0	10.0	0.3	0.020	0.010	350.0	1.10
81 12 14 0935		3	1	28601			0.0	8.0					
MAXIMUM					**80**	**360**	**24.0**	**10.0**	**1.6**	**0.072**	**0.550**	**500.0**	**1.90**
ARITH MEAN					**41**	**65**	**13.9**	**7.2**	**0.8**	**0.041**	**0.108**	**346.5**	**1.27**
GEOM MEAN					**29**	**29**	**11.8**	**6.7**	**0.7**	**0.037**	**0.047**	**339.6**	**1.22**
MINIMUM					**4**	**8**	**3.0**	**2.0**	**0.3**	**0.020**	**0.010**	**280.0**	**0.65**
STD DEV (GEOM *)					**3***	**3***	**7.1**	**2.3**	**0.4**	**0.018**	**0.174**	**78.6**	**0.36**
# SAMPLES (IN STATISTICS)					**7**	**8**	**9**	**12**	**8**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 06 0910		3	1	15.000	229.0	7.30	1.000<			
81 02 03 0915		3	1	23.000	215.0	7.50		0.007	0.003<	0.004
81 03 05 1400		3	1	10.000	113.0	8.20		0.001<	0.003<	0.006
81 04 06 1000		3	1	1.700	132.0	7.90		0.021	0.003<	0.003
81 05 05 0920		3	1	14.000	145.0	8.20		0.007	0.003<	0.002
81 06 09 0915		3	1	15.000	139.0	7.90		0.002	0.003<	0.006
81 07 07 0915		3	1					0.007	0.003<	0.010
81 08 05 1255		3	1	15.000	123.0	7.80		0.003	0.003<	0.003
81 09 15 0910		3	1	9.800	154.0	7.80		0.019	0.003<	0.006
81 10 06 1320		3	1	12.000	157.0	8.00		0.042	0.003<	0.005
81 11 03 1325		3	1	12.000	168.0	8.00		0.039	0.004	0.005
81 12 14 0935		3	1					0.033	0.003<	0.010
MAXIMUM				**23.000**	**229.0**	**8.20**		**0.042**	**0.004**	**0.010**
ARITH MEAN				**12.750**	**157.5**	**7.86**		**0.018**	**0.004**	**0.005**
GEOM MEAN				**11.006**	**153.8**	**7.86**		**0.012**		**0.005**
MINIMUM				**1.700**	**113.0**	**7.30**		**0.002**	**0.004**	**0.002**
STD DEV (GEOM *)				**5.388**	**37.8**	**0.28**		**0.015**		**0.003**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**		**10**	**1**	**11**

B.O.W./ SITE: **MILLHAVEN CREEK**
SAMPLE POINT: **AT COUNTY ROAD 6**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MILLHAVEN CREEK**

STATION ID: **06-0180-005-02**
STORET CODE: **02 004 0080**

LAT: LONG: U T M: **18 0363020.0 4904800.0 4** REGION: **04** DISTANCE: **10.782**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TEST-NAME: SAMPLE / FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 06 0900	.3	1	1	28503	0.0	1.0	0.034	500.0	1.30	232.0	7.30	1.000<	0.130
81 02 03 0905	.3	1	1	28512	0.0	1.0	0.040	450.0	0.80	214.0	7.40		0.050<
81 03 05 1410	.3	1	1	28521	2.5	8.0						1.000<	
81 04 06 1025	.3	1	1	28530	9.0	8.0	0.030	285.0	0.90	124.0	7.90	1.000<	0.050
81 05 05 0950	.3	1	1	28539	15.0	8.0	0.036	310.0	1.30	140.0	7.80	1.000	0.150
81 06 09 0950	.3	1	1	28548	20.0	7.0	0.028	300.0	0.67	140.0	7.80		0.050
81 07 07 0950	.3	1	1	28557	25.0	7.0							
81 08 05 1245	.3	1	1	28566	23.0	8.0	0.026	275.0	1.10	171.0	7.60	1.000<	0.150
81 09 15 0940	.3	1	1	28575	19.0	3.0	0.020	305.0	0.70	155.0	7.70	1.000<	0.100
81 10 06 1310	.3	1	1	28584	10.0	7.0	0.028	315.0	0.41	155.0	7.80		0.100
81 11 03 1315	.3	1	1	28593	7.0	8.0	0.038	350.0	0.55	168.0	7.70		0.300
81 12 14 1010	.3	1	1	28602	0.0	9.0						1.000<	
MAXIMUM					**25.0**	**9.0**	**0.040**	**500.0**	**1.30**	**232.0**	**7.90**	**1.000**	**0.300**
ARITH MEAN					**14.5**	**6.2**	**0.031**	**343.3**	**0.86**	**166.6**	**7.67**	**1.000**	**0.129**
GEOM MEAN					**12.0**	**5.1**	**0.030**	**336.4**	**0.80**	**163.5**	**7.66**		**0.110**
MINIMUM					**2.5**	**1.0**	**0.020**	**275.0**	**0.41**	**124.0**	**7.30**	**1.000**	**0.050**
STD DEV (GEOM *)					**7.8**	**2.9**	**0.006**	**78.5**	**0.32**	**35.4**	**0.20**		**0.080**
# SAMPLES (IN STATISTICS)					**9**	**12**	**9**	**9**	**9**	**9**	**9**	**1**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 03 0905	.3	1	1	0.001<	0.009	0.003<	0.005	0.003
81 03 05 1410	.3	1	1	0.001<	0.001<	0.003<	0.001	0.002<
81 04 06 1025	.3	1	1	0.001<	0.006	0.003	0.001<	0.002<
81 05 05 0950	.3	1	1	0.001<	0.006	0.003<	0.001	0.002<
81 06 09 0950	.3	1	1	0.001<	0.001<	0.006	0.001<	0.002<
81 07 07 0950	.3	1	1	0.001<	0.001	0.003<	0.002	0.002<
81 08 05 1245	.3	1	1	0.001<	0.003	0.003	0.002	0.001
81 09 15 0940	.3	1	1	0.001<	0.020	0.003<	0.008	0.002
81 10 06 1310	.3	1	1	0.001<	0.012	0.003<	0.002	0.001<
81 11 03 1315	.3	1	1	0.001<		0.005	0.005	0.001
81 12 14 1010	.3	1	1	0.001<	0.092	0.005	0.074	0.006
MAXIMUM					**0.092**	**0.006**	**0.074**	**0.006**
ARITH MEAN					**0.019**	**0.004**	**0.011**	**0.003**
GEOM MEAN					**0.008**	**0.004**	**0.004**	**0.002**
MINIMUM					**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.030**	**0.001**	**0.024**	**0.002**
# SAMPLES (IN STATISTICS)					**8**	**5**	**9**	**5**

B.O.W./ SITE: **HAVILLAND BAY (WHITEFISH BAY)**
SAMPLE POINT: **NEAR M.N.R. CAMP GROUNDS**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**

STATION ID: **07-0000-001-01**
STORET CODE: **02 001**

LAT: LONG: U T M: **16 0697850.0 5187900.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TEST-NAME: SAMPLE / FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 05 16 1200	.3	1	1	23739	7.0	10.00	0.2	0.009	0.002	0.042	0.10	0.002	0.285
81 06 28 1155	.3	1	1	23754	16.0		0.4	0.010	0.010	0.058	0.25	0.019	0.190
81 08 10 0725	.3	1	1	23773	20.0	8.00	1.0	0.007	0.002	0.050	0.19	0.009	0.105
81 10 09 1300	.3	1	1	23788	10.0	10.00	0.0	0.458	0.180	0.040	0.34	0.009	0.325
MAXIMUM					**20.0**	**10.00**	**1.0**	**0.458**	**0.180**	**0.058**	**0.34**	**0.019**	**0.325**
ARITH MEAN					**13.2**	**9.33**	**0.5**	**0.121**	**0.048**	**0.047**	**0.22**	**0.010**	**0.226**
GEOM MEAN					**12.2**	**9.28**	**0.4**	**0.023**	**0.009**	**0.047**	**0.20**	**0.007**	**0.207**
MINIMUM					**7.0**	**8.00**	**0.2**	**0.007**	**0.002**	**0.040**	**0.10**	**0.002**	**0.105**
STD DEV (GEOM *)					**5.9**	**1.15**	**0.4**	**0.225**	**0.088**	**0.008**	**0.10**	**0.007**	**0.099**
# SAMPLES (IN STATISTICS)					**4**	**3**	**3**	**4**	**4**	**4**	**4**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE
81 05 16 1200	.3	1	1	0.285	0.329	0.058	0.387	11	61	94	36	7.75	0.58
81 06 28 1155	.3	1	1	0.210	0.267	0.192	0.459	2	57	88	37	7.86	0.14
81 08 10 0725	.3	1	1	0.115	0.164	0.140	0.304	0.7	59	90	40	7.80	0.83
81 10 09 1300	.3	1	1	0.335	0.374	0.300	0.674	8.0	66	102	40	7.54	0.40
MAXIMUM				**0.335**	**0.374**	**0.300**	**0.674**	**11**	**66**	**102**	**40**	**7.86**	**0.83**
ARITH MEAN				**0.236**	**0.283**	**0.172**	**0.456**	**5**	**61**	**93**	**38**	**7.74**	**0.49**
GEOM MEAN				**0.219**	**0.271**	**0.147**	**0.437**	**3**	**61**	**93**	**38**	**7.74**	**0.41**
MINIMUM				**0.115**	**0.164**	**0.058**	**0.304**	**0.7**	**57**	**88**	**36**	**7.54**	**0.14**
STD DEV (GEOM *)				**0.096**	**0.091**	**0.101**	**0.159**	**4**	**4**	**6**	**2**	**0.14**	**0.29**
# SAMPLES (IN STATISTICS)				**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 05 16 1200	.3	1	1	3.3	23
81 06 28 1155	.3	1	1	1.9	14
81 08 10 0725	.3	1	1	1.5	10
81 10 09 1300	.3	1	1	2.4	12
MAXIMUM				**3.3**	**23**
ARITH MEAN				**2.3**	**15**
GEOM MEAN				**2.2**	**14**
STD DEV (GEOM *)				**0.8**	**6**
# SAMPLES (IN STATISTICS)				**4**	**4**

B.O.W./ SITE: **GOULAIS RIVER**
SAMPLE POINT: **AT BRIDGE GOULAIS RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **GOULAIS RIVER**

STATION ID: **07-0009-003-02**
STORET CODE: **02 001 0090**

LAT: LONG: U.T.M: **16 0700025.0 5177600.0 4** REGION: **05** DISTANCE: **12.231**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 31 1200	.3	1		23712	0.0	10.0	0.005	0.001<	0.016	0.200	0.001	0.294	0.311
81 03 21 1425	.3	1		23723	0.0	12.0	0.007	0.002	0.026	0.230	0.001	0.394	0.421
81 05 16 1120	.3	1		23737	11.0	9.00	0.011	0.001<T	0.012	0.20			
81 06 28 1115	.3	1		23752	17.0		0.018	0.002	0.038	0.30			
81 08 09 0645	.3	1		23771	21.0	9.00	0.013	0.002	0.002	0.21			
81 10 09 1225	.3	1		23786		11.00	0.045	0.003	0.030	0.30			
81 11 21 1415	.3	1		23805	0.0	12.00	0.139	0.130	0.004	0.21			
MAXIMUM					**21.0**	**12.0**	**0.139**	**0.130**	**0.038**	**0.30**	**0.001**	**0.394**	**0.421**
ARITH MEAN					**16.3**	**10.5**	**0.034**	**0.023<A**	**0.018**	**0.23**	**0.001**	**0.344**	**0.366**
GEOM MEAN					**15.8**	**10.4**	**0.018**	**0.004<A**	**0.012**	**0.23**	**0.001**	**0.340**	**0.362**
MINIMUM					**11.0**	**9.00**	**0.005**	**0.001**	**0.002**	**0.200**	**0.001**	**0.294**	**0.311**
STD DEV (GEOM *)					**5.0**	**1.3**	**0.048**	**0.052<A**	**0.014**	**0.04**	**0.000**	**0.071**	**0.078**
# SAMPLES (IN STATISTICS)					**3**	**6**	**7**	**6**	**7**	**7**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*
81 01 31 1200	.3	1		0.184	0.495	46.00		43.000	66.0	1.10	1.500	8.000	2.750
81 03 21 1425	.3	1		0.204	0.625	38.00			56.0	1.60	1.350	8.000	2.320
81 05 16 1120	.3	1		0.188			4		50	3.40	1.05		
81 06 28 1115	.3	1		0.262			11		45	0.65	0.75		
81 08 09 0645	.3	1		0.208			8.7		70	2.50	1.45		
81 10 09 1225	.3	1		0.270			5.0		70	1.93	1.80		
81 11 21 1415	.3	1		0.206			1.9		55	1.42	1.30		
MAXIMUM				**0.270**	**0.625**	**46.00**	**11**	**43.000**	**70**	**3.40**	**1.80**	**8.000**	**2.750**
ARITH MEAN				**0.217**	**0.560**	**42.00**	**6**	**43.000**	**58**	**1.80**	**1.31**	**8.000**	**2.535**
GEOM MEAN				**0.215**	**0.556**	**41.81**	**5**		**58**	**1.60**	**1.27**	**8.000**	**2.526**
MINIMUM				**0.184**	**0.495**	**38.00**	**1.9**	**43.000**	**45**	**0.65**	**0.75**	**8.000**	**2.320**
STD DEV (GEOM *)				**0.034**	**0.092**	**5.66**	**3**		**9**	**0.92**	**0.33**	**0.000**	**0.304**
# SAMPLES (IN STATISTICS)				**7**	**2**	**2**	**5**	**1**	**7**	**7**	**7**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOL UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	SODIUM UNF.REAC MG/L AS NA	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*CAUR*	*MGUR*	*COLAP*	*NAUR*	*ALUT*	*CUUT*
81 01 31 1200	.3	1		25.0	6.94		0.260	6.800	1.600	25.000	2.100	0.130	0.006
81 03 21 1425	.3	1		18.0	6.95		0.220	5.800	1.350	18.000	1.700	0.170	0.011
81 05 16 1120	.3	1		15	7.30	1<T	0.31						0.003
81 06 28 1115	.3	1		13	7.41	1	0.41						0.002
81 08 09 0645	.3	1		25	7.58	1<T	0.60						0.001
81 10 09 1225	.3	1		23	7.39	1<T	0.36						0.004
81 11 21 1415	.3	1		18	7.79	1	0.19						0.006
MAXIMUM				**25.0**	**7.79**	**1**	**0.60**	**6.800**	**1.600**	**25.000**	**2.100**	**0.170**	**0.011**
ARITH MEAN				**19**	**7.34**	**1<A**	**0.33**	**6.300**	**1.475**	**21.500**	**1.900**	**0.150**	**0.005**
GEOM MEAN				**19**	**7.33**	**1<A**	**0.31**	**6.280**	**1.470**	**21.213**	**1.889**	**0.149**	**0.004**
MINIMUM				**13**	**6.94**	**1**	**0.19**	**5.800**	**1.350**	**18.000**	**1.700**	**0.130**	**0.001**
STD DEV (GEOM *)				**4**	**0.31**	**0<A**	**0.14**	**0.707**	**0.177**	**4.950**	**0.283**	**0.028**	**0.003**
# SAMPLES (IN STATISTICS)				**7**	**7**	**5**	**7**	**2**	**2**	**2**	**2**	**2**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 31 1200	.3	1		0.003<	0.003<	0.020	0.003<
81 03 21 1425	.3	1		0.003<	0.005	0.013	0.002<
81 05 16 1120	.3	1		0.003<	0.001		
81 06 28 1115	.3	1		0.003<	0.003		
81 08 09 0645	.3	1		0.003<	0.001<		
81 10 09 1225	.3	1		0.003	0.007		
81 11 21 1415	.3	1		0.003<	0.006		
MAXIMUM				**0.003**	**0.007**	**0.020**	
ARITH MEAN				**0.003**	**0.004**	**0.016**	
GEOM MEAN					**0.004**	**0.016**	
MINIMUM				**0.003**	**0.001**	**0.013**	
STD DEV (GEOM *)					**0.002**	**0.005**	
# SAMPLES (IN STATISTICS)				**1**	**5**	**2**	

B.O.W./ SITE: **STOKLEY CREEK**
SAMPLE POINT: **KARALASH CORNERS, VAN KOUGHNET TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **STOKLEY CREEK**

STATION ID: **07-0020-001-02**
STORET CODE: **02 001 0180**

LAT: LONG: U.T.M: **16 0701890.0 5184450.0 4** REGION: **05** DISTANCE: **6.437**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNKUR*	*RSP*	*COND25*
81 05 16 1610	.3	1		23738	14.0	9.00	0.006	0.001<T	0.014	0.14	0.126	3	39
81 06 28 1135	.3	1		23753	14.0		0.007	0.001	0.016	0.31	0.294	1 <T	40
81 08 10 0705	.3	1		23772	15.0	7.00	0.008	0.001	0.018	0.20	0.182	1.0	52
81 10 09 1240	.3	1		23787		11.00	0.120	0.088	0.020	0.22	0.200	1.0	56
81 11 21 1430	.3	1		23806	0.0	12.00	0.009	0.003	0.006	0.15	0.144	1.1	93
MAXIMUM					**15.0**	**12.00**	**0.120**	**0.088**	**0.020**	**0.31**	**0.294**	**3**	**93**
ARITH MEAN					**14.3**	**9.75**	**0.030**	**0.019<A**	**0.015**	**0.20**	**0.189**	**1 <A**	**56**
GEOM MEAN					**14.3**	**9.55**	**0.013**	**0.003<A**	**0.014**	**0.20**	**0.181**	**1 <A**	**53**
MINIMUM					**14.0**	**7.00**	**0.006**	**0.001**	**0.006**	**0.14**	**0.126**	**1**	**39**
STD DEV (GEOM *)					**0.6**	**2.22**	**0.050**	**0.039<A**	**0.005**	**0.07**	**0.066**	**0 <A**	**22**
# SAMPLES (IN STATISTICS)					**3**	**4**	**5**	**5**	**5**	**5**	**5**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*ASUT*	*CUUT*
81 05 16 1610	.3	1		0.65	0.35	10	1<T	0.06	13	3.6	1.05	0.001<	0.001<
81 06 28 1135	.3	1		0.35	0.30	11	1<T	0.15	13	3.4	1.05	0.001<	0.001<
81 08 10 0705	.3	1		1.08	0.50	15	1	0.21	18	5.0	1.40	0.001<	0.031
81 10 09 1240	.3	1		0.42	0.85	16	1<T	0.13	19	5.2	1.40	0.001<	0.008
81 11 21 1430	.3	1		1.33	3.80	30	1<T	0.30	34	10.0	2.10	0.001<	0.002
MAXIMUM				**1.33**	**3.80**	**30**	**1**	**0.30**	**34**	**10.0**	**2.10**		**0.031**
ARITH MEAN				**0.77**	**1.16**	**16**	**1<A**	**0.17**	**19**	**5.4**	**1.40**		**0.014**
GEOM MEAN				**0.67**	**0.70**	**15**	**1<A**	**0.15**	**18**	**5.0**	**1.35**		**0.008**
MINIMUM				**0.35**	**0.30**	**10**	**1**	**0.06**	**13**	**3.4**	**1.05**		**0.002**
STD DEV (GEOM *)				**0.43**	**1.49**	**8**	**0<A**	**0.09**	**9**	**2.7**	**0.43**		**0.015**
# SAMPLES (IN STATISTICS)				**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**		**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*ZNUT*	*NIUT*
81 05 16 1610	.3	1		0.003<	0.001	0.002 <
81 06 28 1135	.3	1		0.003<	0.001<	0.0020<
81 08 10 0705	.3	1		0.003<	0.001	0.0020<
81 10 09 1240	.3	1		0.003<	0.004	0.0010<
81 11 21 1430	.3	1		0.003<	0.002	0.0010<
MAXIMUM					**0.004**	
ARITH MEAN					**0.002**	
GEOM MEAN					**0.002**	
MINIMUM					**0.001**	
STD DEV (GEOM *)					**0.001**	
# SAMPLES (IN STATISTICS)					**4**	

B.O.W./ SITE: **STOKLEY CREEK**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **STOKLEY CREEK**

STATION ID: **07-0020-002-02**
STORET CODE: **02 001 0180**

LAT: LONG: U.T.M: **16 0697700.0 5187700.0 4** REGION: **05** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNKUR*	*RSP*	*COND25*
81 05 16 1145	.3	1		23740	8.0	9.00	0.010	0.002	0.036	0.30	0.264	2	70
81 06 28 1205	.3	1		23755	14.0		0.009	0.005	0.002	0.26	0.258	2	80
81 08 10 0740	.3	1		23774	20.0	8.00	0.011	0.003	0.002	0.20	0.198	3.9	116
81 10 09 1315	.3	1		23789	10.0	11.00	0.142	0.105	0.014	0.18	0.166	4.0	118
81 11 21 1440	.3	1		23807	0.0	12.00	0.009	0.001	0.002	0.20	0.198	0.2	43
MAXIMUM					**20.0**	**12.00**	**0.142**	**0.105**	**0.036**	**0.30**	**0.264**	**4.0**	**118**
ARITH MEAN					**13.0**	**10.00**	**0.036**	**0.023**	**0.011**	**0.23**	**0.217**	**2**	**85**
GEOM MEAN					**12.2**	**9.87**	**0.017**	**0.005**	**0.005**	**0.22**	**0.213**	**1**	**80**
MINIMUM					**8.0**	**8.00**	**0.009**	**0.001**	**0.002**	**0.18**	**0.166**	**0.2**	**43**
STD DEV (GEOM *)					**5.3**	**1.83**	**0.059**	**0.046**	**0.015**	**0.05**	**0.042**	**1**	**32**
# SAMPLES (IN STATISTICS)					**4**	**4**	**5**	**5**	**5**	**5**	**5**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 05 16 1145	.3	1		3.00	2.45	21	7.44	1<T	0.27	0.003	0.003<	0.001
81 06 28 1205	.3	1		1.00	2.95	27	7.54	1<T	0.28	0.001<	0.003<	0.001<
81 08 10 0740	.3	1		8.40	4.60	42	7.58	1	0.49	0.001	0.003<	0.001<
81 10 09 1315	.3	1		1.41	4.65	42	7.66	1<T	0.40	0.004	0.004	0.002
81 11 21 1440	.3	1		0.57	0.50	14	7.14	3	0.08	0.001	0.003<	0.002
MAXIMUM				**8.40**	**4.65**	**42**	**7.66**	**3**	**0.49**	**0.004**	**0.004**	**0.002**
ARITH MEAN				**2.88**	**3.03**	**29**	**7.47**	**1<A**	**0.30**	**0.002**	**0.004**	**0.002**
GEOM MEAN				**1.83**	**2.39**	**27**	**7.47**	**1<A**	**0.26**	**0.002**		**0.002**
MINIMUM				**0.57**	**0.50**	**14**	**7.14**	**1**	**0.08**	**0.001**	**0.004**	**0.001**
STD DEV (GEOM *)				**3.22**	**1.72**	**13**	**0.20**	**1<A**	**0.15**	**0.001**		**0.001**
# SAMPLES (IN STATISTICS)				**5**	**5**	**5**	**5**	**5**	**5**	**4**	**1**	**3**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **HARMONY RIVER**
SAMPLE POINT: **HIGHWAY 17 CHIPPEWA FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **HARMONY RIVER**

STATION ID: **07-0028-001-02**
STORET CODE: **02 001 0260**

LAT: LONG: U T M: **16 0695950.0 5200375.0 4** REGION: **05** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 31 1300		.3	1	23713	0.0	10.0	0.003	0.001<	0.026	0.180	0.001	0.324	0.351
81 03 21 1505		.3	1	23724	0.0	13.0	0.016	0.001<	0.132	0.790	0.001	0.409	0.542
81 05 16 1230		.3	1	23741	10.0	10.00	0.011	0.005	0.040	0.28			
81 06 28 1230		.3	1	23756	16.0		0.009	0.001<T	0.020	0.25			
81 08 10 0755		.3	1	23775	18.0	7.00	0.030	0.005	0.002	0.30			
81 10 09 1320		.3	1	23790	7.0	12.00	0.126	0.095	0.016	0.28			
81 11 21 1500		.3	1	23808	0.0	13.00	0.008	0.003	0.006	0.21			
MAXIMUM					**18.0**	**13.0**	**0.126**	**0.095**	**0.132**	**0.790**	**0.001**	**0.409**	**0.542**
ARITH MEAN					**12.7**	**10.8**	**0.029**	**0.022<A**	**0.035**	**0.32**	**0.001**	**0.366**	**0.446**
GEOM MEAN					**11.9**	**10.6**	**0.015**	**0.006<A**	**0.018**	**0.29**	**0.001**	**0.364**	**0.436**
MINIMUM					**7.0**	**7.00**	**0.003**	**0.001**	**0.002**	**0.180**	**0.001**	**0.324**	**0.351**
STD DEV (GEOM *)					**5.1**	**2.3**	**0.044**	**0.041<A**	**0.045**	**0.20**	**0.000**	**0.060**	**0.135**
# SAMPLES (IN STATISTICS)					**4**	**6**	**7**	**5**	**7**	**7**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*
81 01 31 1300		.3	1	0.154	0.505	5.00	40.000	62.0	0.75	0.600		26.0	7.14
81 03 21 1505		.3	1	0.658	1.200	4.00	38.000	58.0	1.20	1.100	2.500	24.0	6.93
81 05 16 1230		.3	1	0.240		5		48	1.60	0.50		16	7.35
81 06 28 1230		.3	1	0.230		5		43	0.60	0.30		14	7.42
81 08 10 0755		.3	1	0.298		25.3		60	11.80	0.60		21	7.47
81 10 09 1320		.3	1	0.264		2.0		62	1.18	0.95		21	7.43
81 11 21 1500		.3	1	0.204		0.8		52	0.88	0.60		18	7.28
MAXIMUM				**0.658**	**1.200**	**25.3**	**40.000**	**62.0**	**11.80**	**1.100**	**2.500**	**26.0**	**7.47**
ARITH MEAN				**0.293**	**0.852**	**6**	**39.000**	**55**	**2.57**	**0.66**	**2.500**	**20**	**7.29**
GEOM MEAN				**0.264**	**0.778**	**4**	**38.987**	**54**	**1.40**	**0.61**		**19**	**7.29**
MINIMUM				**0.154**	**0.505**	**0.8**	**38.000**	**43**	**0.60**	**0.30**	**2.500**	**14**	**6.93**
STD DEV (GEOM *)				**0.167**	**0.491**	**8**	**1.414**	**7**	**4.08**	**0.27**		**4**	**0.19**
# SAMPLES (IN STATISTICS)				**7**	**2**	**7**	**2**	**7**	**7**	**7**	**1**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*PHNOL*	*FEUT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*ASUT*	*ALUT*	*CUUT*
81 01 31 1300		.3	1		0.190	7.000	1.300	22.000	0.30	1.700	0.001<	0.064	0.004
81 03 21 1505		.3	1		0.160	6.400	1.300	14.000	0.70	1.400	0.001<	0.100	0.014
81 05 16 1230		.3	1	1<T	0.15								0.009
81 06 28 1230		.3	1	1	0.24								0.001<
81 08 10 0755		.3	1	1	1.24								0.002
81 10 09 1320		.3	1	1<T	0.17								0.010
81 11 21 1500		.3	1	1	0.13								0.002
MAXIMUM				**1**	**1.24**	**7.000**	**1.300**	**22.000**	**0.70**	**1.700**		**0.100**	**0.014**
ARITH MEAN				**1<A**	**0.32**	**6.700**	**1.300**	**18.000**	**0.50**	**1.550**		**0.082**	**0.007**
GEOM MEAN				**1<A**	**0.22**	**6.693**	**1.300**	**17.550**	**0.46**	**1.543**		**0.080**	**0.005**
MINIMUM				**1**	**0.13**	**6.400**	**1.300**	**14.000**	**0.30**	**1.400**		**0.064**	**0.002**
STD DEV (GEOM *)				**0<A**	**0.40**	**0.424**	**0.000**	**5.657**	**0.28**	**0.212**		**0.025**	**0.005**
# SAMPLES (IN STATISTICS)				**5**	**7**	**2**	**2**	**2**	**2**	**2**		**2**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 31 1300		.3	1	0.003	0.006	0.016	0.003<
81 03 21 1505		.3	1	0.003<	0.004	0.016	0.002<
81 05 16 1230		.3	1	0.003<	0.002		
81 06 28 1230		.3	1	0.003<	0.001<		
81 08 10 0755		.3	1	0.003<	0.002		
81 10 09 1320		.3	1	0.010	0.015		
81 11 21 1500		.3	1	0.003<	0.003		
MAXIMUM				**0.010**	**0.015**	**0.016**	
ARITH MEAN				**0.006**	**0.005**	**0.016**	
GEOM MEAN				**0.005**	**0.004**	**0.016**	
MINIMUM				**0.003**	**0.002**	**0.016**	
STD DEV (GEOM *)				**0.005**	**0.005**	**0.000**	
# SAMPLES (IN STATISTICS)				**2**	**6**	**2**	

B.O.W / SITE: **BATCHAWANA RIVER**
SAMPLE POINT: **AT HIGHWAY 17**
STATION TYPE: **RIVER FLOW GAUGE FED 02BF001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE SUPERIOR**
TERM STREAM: **BATCHAWANA RIVER**

STATION ID: **07-0031-001-02**
STORET CODE: **02 001 0280**

LAT: LONG: U T M: **16 0688150.0 5200500.0 4** REGION: **05** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 31 1315		.3	1	23714	5.800	0.0	10.0	0.003	0.001<	0.062	0.220	0.002	0.463
81 03 21 1535		.3	1	23725	7.600	0.0	13.0	0.009	0.001<	0.054	0.330	0.001	0.449
81 05 16 1250		.3	1	23742	24.000	12.0	9.00	0.017	0.009	0.068	0.34		
81 06 28 1300		.3	1	23757	27.800	16.0		0.009	0.001<T	0.038	0.34		
81 08 10 0815		.3	1	23776	5.280	20.0	8.00	0.010	0.001	0.042	0.30		
81 10 09 1335		.3	1	23791	8.380	10.0	10.00	0.268	0.175	0.060	0.40		
81 11 21 1515		.3	1	23809	9.300	0.0	12.00	0.028	0.022	0.010	0.23		
	MAXIMUM				**27.800**	**20.0**	**13.0**	**0.268**	**0.175**	**0.068**	**0.40**	**0.002**	**0.463**
	ARITH MEAN				**12.594**	**14.5**	**10.3**	**0.049**	**0.042<A**	**0.048**	**0.30**	**0.001**	**0.456**
	GEOM MEAN				**10.276**	**14.0**	**10.2**	**0.016**	**0.008<A**	**0.042**	**0.30**	**0.001**	**0.456**
	MINIMUM				**5.280**	**10.0**	**8.00**	**0.003**	**0.001**	**0.010**	**0.220**	**0.001**	**0.449**
	STD DEV (GEOM *)				**9.260**	**4.4**	**1.8**	**0.097**	**0.075<A**	**0.020**	**0.06**	**0.001**	**0.010**
	# SAMPLES (IN STATISTICS)				7	4	6	7	5	7	7	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3
81 01 31 1315		.3	1	0.527	0.158	0.685	0.10	62.000	96.0	0.56	7.500		27.0
81 03 21 1535		.3	1	0.504	0.276	0.780	3.00	38.000	58.0	1.00	0.800	1.820	20.0
81 05 16 1250		.3	1		0.272		2		48	0.85	0.85		14
81 06 28 1300		.3	1		0.302		1 <T		43	0.60	0.55		15
81 08 10 0815		.3	1		0.258		2.1		62	1.51	0.50		22
81 10 09 1335		.3	1		0.340		2.0		60	1.20	1.15		25
81 11 21 1515		.3	1		0.220		0.5		54	0.78	0.65		21
	MAXIMUM			**0.527**	**0.340**	**0.780**	**3.00**	**62.000**	**96.0**	**1.51**	**7.500**	**1.820**	**27.0**
	ARITH MEAN			**0.515**	**0.261**	**0.732**	**1 <A**	**50.000**	**60**	**0.93**	**1.71**	**1.820**	**20**
	GEOM MEAN			**0.515**	**0.254**	**0.731**	**1 <A**	**48.539**	**58**	**0.88**	**1.00**		**20**
	MINIMUM			**0.504**	**0.158**	**0.685**	**0.10**	**38.000**	**43**	**0.56**	**0.50**	**1.820**	**14**
	STD DEV (GEOM *)			**0.016**	**0.059**	**0.067**	**1 <A**	**16.971**	**17**	**0.34**	**2.56**		**4**
	# SAMPLES (IN STATISTICS)			2	7	2	7	2	7	7	7	1	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 01 31 1315		.3	1	7.15		0.140	8.600	1.550	23.000	0.50	6.000	0.001<	0.071
81 03 21 1535		.3	1	7.04		0.150	6.600	1.250	19.000	0.40	1.500	0.001<	0.130
81 05 16 1250		.3	1	7.11	1<T	0.17							
81 06 28 1300		.3	1	7.23	1<T	0.19							
81 08 10 0815		.3	1	7.39	1	0.29							
81 10 09 1335		.3	1	7.25	1<T	0.31							
81 11 21 1515		.3	1	7.56	1<T	0.14							
	MAXIMUM			**7.56**	**1**	**0.31**	**8.600**	**1.550**	**23.000**	**0.50**	**6.000**		**0.130**
	ARITH MEAN			**7.25**	**1<A**	**0.19**	**7.600**	**1.400**	**21.000**	**0.45**	**3.750**		**0.100**
	GEOM MEAN			**7.25**	**1<A**	**0.18**	**7.534**	**1.392**	**20.905**	**0.45**	**3.000**		**0.098**
	MINIMUM			**7.04**	**1**	**0.140**	**6.600**	**1.250**	**19.000**	**0.40**	**1.500**		**0.071**
	STD DEV (GEOM *)			**0.18**	**0<A**	**0.07**	**1.414**	**0.212**	**2.828**	**0.07**	**3.182**		**0.042**
	# SAMPLES (IN STATISTICS)			7	5	7	2	2	2	2	2		2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 31 1315		.3	1	0.018	0.003	0.006	0.012	0.004
81 03 21 1535		.3	1	0.014	0.005	0.009	0.010	0.005
81 05 16 1250		.3	1	0.009	0.003<	0.002		
81 06 28 1300		.3	1	0.085	0.003<	0.002		
81 08 10 0815		.3	1	0.001<	0.003<	0.001<		
81 10 09 1335		.3	1	0.003	0.003<	0.001		
81 11 21 1515		.3	1	0.002	0.003<	0.003		
	MAXIMUM			**0.085**	**0.005**	**0.009**	**0.012**	**0.005**
	ARITH MEAN			**0.022**	**0.004**	**0.004**	**0.011**	**0.004**
	GEOM MEAN			**0.010**	**0.004**	**0.003**	**0.011**	**0.004**
	MINIMUM			**0.002**	**0.003**	**0.001**	**0.010**	**0.004**
	STD DEV (GEOM *)			**0.032**	**0.001**	**0.003**	**0.001**	**0.001**
	# SAMPLES (IN STATISTICS)			6	2	6	2	2

B.O.W./SITE: **HICKORY CREEK**
SAMPLE POINT: **AT PLYMPTON TWP.RD.NO.14 DNSTR.OF FOREST**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **HICKORY CREEK**

STATION ID: **08-0010-001-02**
STORET CODE: **02 002 0100**

LAT: LONG: U.T.M.: **17 0416010.0 4772325.0 4** REGION: **01** DISTANCE: **8.529**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1345		.3	1	45007	4						1.0	10.0	2.4
81 02 03 1050		.3	1	45017	4	2100	10800	950	600>	4	1.0	10.0	2.8
81 03 03 1210		.3	1	45027	3	210	1150	60I	70I	4<	0.0	13.0	0.8
81 04 07 1425		.3	1	45037	6	150C	3500	8	4<	4<	15.0	12.0	1.4
81 05 05 1325		.3	1	45047	5	5200	1040	96	28	8	22.0	10.0	1.8
81 06 02 1347		.3	1	45057	5	2700	12000	268	600>	4<	27.0	9.0	2.4
81 07 07 1412		.3	1	45067	9						30.0	9.0	5.2
81 08 04 1210		.3	1	45077	6	1600C	240000>	580	730	4	24.0	6.0	2.0
81 09 08 1404		.3	1	45087	3	8400C	120000	200	116	16	20.0	8.0	1.2
81 10 06 1321		.3	1	45097	3	49000C	780000	1500>	1500>	30I	12.0	9.0	3.6
81 11 03 1350		.3	1	45107	6	1000<	1000<	10<	10<	4<	10.0	9.0	1.2
81 12 08 1320		.3	1	45117	6						2.0	8.0	0.7
MAXIMUM						**49000**	**780000**	**950**	**730**	**30**	**30.0**	**13.0**	**5.2**
ARITH MEAN						**8670**	**132641**	**309**	**236**	**12**	**14.9**	**9.4**	**2.1**
GEOM MEAN						**2230**	**12613**	**145**	**114**	**9**	**9.0**	**9.3**	**1.8**
MINIMUM						**150**	**1040**	**8**	**28**	**4**	**1.0**	**6.0**	**0.7**
STD DEV (GEOM *)						**7***	**11***	**5***	**4***	**2***	**10.6**	**1.8**	**1.3**
# SAMPLES (IN STATISTICS)						**8**	**7**	**7**	**4**	**5**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1345		.3	1	0.136	0.057	0.485	1.160	0.050	6.600	7.135	0.675	7.810	632.7
81 02 03 1050		.3	1	0.138	0.070	1.400	2.320	0.062	4.900	6.362	0.920	7.282	640.4
81 03 03 1210		.3	1	0.088	0.052	0.100	0.770	0.030	12.600	12.730	0.670	13.400	461.3
81 04 07 1425		.3	1	0.034	0.007	0.035	0.800	0.048	7.900	7.983	0.765	8.748	469.4
81 05 05 1325		.3	1	0.100	0.008	0.020	1.600	0.054	12.000	12.074	1.580	13.654	483.8
81 06 02 1347		.3	1	0.102	0.013	0.035	1.120	0.180	5.920	6.135	1.085	7.220	530.4
81 07 07 1412		.3	1	0.385	0.009	0.305	2.850	0.073	1.540	1.918	2.545	4.463	659.4
81 08 04 1210		.3	1	0.234	0.037	0.335	1.680	0.016	0.010	0.361	1.345	1.706	421.4
81 09 08 1404		.3	1	0.144	0.087	0.470	1.720	0.152	9.100	9.722	1.250	10.972	524.4
81 10 06 1321		.3	1	0.900	0.181	0.035	3.950	0.046	5.600	5.681	3.915	9.596	987.9
81 11 03 1350		.3	1	0.040	0.010	0.010	0.900	0.025	8.600	8.635	0.890	9.525	495.5
81 12 08 1320		.3	1	0.045	0.016	0.010	0.590	0.025	7.980	8.015	0.580	8.595	525.1
MAXIMUM				**0.900**	**0.181**	**1.400**	**3.950**	**0.180**	**12.600**	**12.730**	**3.915**	**13.654**	**987.9**
ARITH MEAN				**0.195**	**0.046**	**0.270**	**1.622**	**0.063**	**6.898**	**7.229**	**1.352**	**8.581**	**569.3**
GEOM MEAN				**0.123**	**0.027**	**0.090**	**1.388**	**0.050**	**3.898**	**5.577**	**1.138**	**7.695**	**554.4**
MINIMUM				**0.034**	**0.007**	**0.010**	**0.590**	**0.016**	**0.010**	**0.361**	**0.580**	**1.706**	**421.4**
STD DEV (GEOM *)				**0.242**	**0.051**	**0.400**	**0.995**	**0.051**	**3.709**	**3.604**	**0.972**	**3.371**	**152.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 06 1345		.3	1	75.2	557.5	900.0	37.00	50.000	7.89
81 02 03 1050		.3	1	21.7	618.7	970.0	8.40	100.000	7.73
81 03 03 1210		.3	1	24.5	436.8	650.0	14.00	24.000	7.97
81 04 07 1425		.3	1	32.9	436.5	680.0	15.00	36.500	8.24
81 05 05 1325		.3	1	64.7	419.1	661.0	33.00	27.000	8.14
81 06 02 1347		.3	1	61.1	469.3	685.0	39.00	44.000	8.04
81 07 07 1412		.3	1	233.8	425.6	610.0	150.00	55.500	7.67
81 08 04 1210		.3	1	53.5	367.9	540.0	45.00	59.500	7.65
81 09 08 1404		.3	1	38.1	486.3	705.0	22.00	21.500	8.04
81 10 06 1321		.3	1	640.3	347.6	453.0	480.00	14.000	7.74
81 11 03 1350		.3	1	16.0	479.5	745.0	7.80	23.500	8.12
81 12 08 1320		.3	1	16.0	509.1	765.0	7.40	34.500	8.18
MAXIMUM				**640.3**	**618.7**	**970.0**	**480.00**	**100.000**	**8.24**
ARITH MEAN				**106.5**	**462.8**	**697.0**	**71.55**	**40.833**	**7.95**
GEOM MEAN				**52.2**	**457.3**	**683.9**	**28.94**	**35.635**	**7.95**
MINIMUM				**16.0**	**347.6**	**453.0**	**7.40**	**14.000**	**7.65**
STD DEV (GEOM *)				**178.2**	**75.8**	**140.9**	**134.35**	**23.622**	**0.21**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **THE CUT**
SAMPLE POINT: **AT HIGHWAY 21**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER CUT**

STATION ID: **08-0021-001-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0429800.0 4785600.0 4** REGION: **01** DISTANCE: **6.276**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 01 12 1155		.3	1	41308	4			0.0	6.5	0.038	0.021	0.960	0.018
81 02 09 1200		.3	1	41320	4			0.5	6.0	0.093	0.064	0.990	0.035
81 02 27 1136		.3	1	41007	6			2.0	10.2	0.156	0.070	1.160	0.048
81 03 09 1140		.3	1	41332	6			3.5	12.0	0.062	0.040	0.780	0.025
81 03 20 1129		.3	1	41013	6			3.0	12.4	0.079	0.051	0.750	0.026
81 03 30 1150		.3	1	41017	6	60I	360	9.5	11.0	0.120	0.047	0.860	0.036
81 04 13 1145		.3	1	41344	8			11.5	10.5	0.054	0.005	0.860	0.020
81 04 28 1324		.3	1	41025	6	50I	510	12.0	11.2	0.064	0.008	1.020	0.023
81 05 11 1156		.3	1	41356	6			13.0		0.054	0.006	0.940	0.026
81 06 08 1121		.3	1	41368	6			21.0	5.0	0.048	0.001	0.780	0.029
81 07 13 1115		.3	1	41380	8			26.0	6.0	0.080	0.021	1.200	0.082
81 08 13 1322		.3	1	41392	6			25.0	8.5	0.036	0.002	1.000	0.032
81 09 08		.3	1	41404	6			20.0	11.0	0.156	0.084	1.200	0.073
81 10 13 1250		.3	1	41416	8			10.0	8.0	0.096	0.044	1.100	0.024
81 11 10		.3	1	41428	8			5.0	5.5	0.093	0.036	0.980	0.021
81 12 07 1135		.3	1	41440	8			3.0	8.0	0.067	0.040	0.800	0.023
MAXIMUM						**60**	**510**	**26.0**	**12.4**	**0.156**	**0.084**	**1.200**	**0.082**
ARITH MEAN						**55**	**435**	**11.0**	**8.8**	**0.081**	**0.034**	**0.961**	**0.034**
GEOM MEAN						**55**	**428**	**7.2**	**8.4**	**0.074**	**0.020**	**0.950**	**0.030**
MINIMUM						**50**	**360**	**0.5**	**5.0**	**0.036**	**0.001**	**0.750**	**0.018**
STD DEV (GEOM *)						**1***	**1***	**8.5**	**2.6**	**0.037**	**0.026**	**0.150**	**0.019**
# SAMPLES (IN STATISTICS)						**2**	**2**	**15**	**15**	**16**	**16**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3FR NO3-N FIL.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	ALKT ALK TOTAL MG/L AS CACO3	PH	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 12 1155		.3	1	5.300	6.278	13.50	450.50	282.0	7.75	0.001<		0.001 <	0.005
81 02 09 1200		.3	1	4.510	5.535	4.90	454.20	273.0	7.73	0.001<		0.001	0.006
81 02 27 1136		.3	1	8.200	9.408	91.10	312.30	166.0	7.85	0.001<	0.05 <	0.008	0.004
81 03 09 1140		.3	1	8.700	9.505	71.30	347.50	230.0	7.97	0.001<		0.002 <	0.007
81 03 20 1129		.3	1	7.620	8.396	19.20	389.20	239.0	8.12	0.001<	0.040<	0.004	0.004
81 03 30 1150		.3	1	7.410	8.306	63.30	295.10	213.0	8.11	0.001	0.040<	0.007	0.003
81 04 13 1145		.3	1	5.180	6.060	35.70	376.50	229.0	8.22			0.590	0.065
81 04 28 1324		.3	1	7.280	8.323	34.90	362.40	224.0	8.21	0.001<	0.030<	0.002	0.022
81 05 11 1156		.3	1	5.500	6.466	38.00	376.00	230.0	8.03	0.001<		0.002 <	0.006
81 06 08 1121		.3	1	3.800	4.609	32.40	361.00	222.0	8.20				
81 07 13 1115		.3	1	7.770	9.052	36.00	335.30	192.0	7.91	0.001<			0.007
81 08 13 1322		.3	1	2.690	3.722	9.40	306.00	177.0	8.10				
81 09 08		.3	1	7.900	9.173	46.20	389.40	235.0	8.01			0.0010<	0.024
81 10 13 1250		.3	1	8.500	9.624	35.00	423.70	281.0	8.14			0.004	0.008
81 11 10		.3	1	5.800	6.801	26.00	436.80	260.0	8.03			0.0060	0.074
81 12 07 1135		.3	1	7.200	8.023	17.00	412.60	271.0	8.17			0.004	0.009
MAXIMUM				**8.700**	**9.624**	**91.10**	**454.20**	**282.0**	**8.22**	**0.001**		**0.590**	**0.074**
ARITH MEAN				**6.460**	**7.455**	**35.87**	**376.78**	**232.7**	**8.03**	**0.001**		**0.089**	**0.017**
GEOM MEAN				**6.173**	**7.206**	**28.54**	**373.61**	**230.2**	**8.03**			**0.006**	**0.010**
MINIMUM				**2.690**	**3.722**	**4.90**	**295.10**	**166.0**	**7.73**	**0.001**		**0.001**	**0.003**
STD DEV (GEOM *)				**1.805**	**1.851**	**23.20**	**50.13**	**35.1**	**0.16**			**0.195**	**0.023**
# SAMPLES (IN STATISTICS)				**16**	**16**	**16**	**16**	**16**	**16**	**1**		**9**	**14**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1155		.3	1	0.003<	0.0002<	0.004	
81 02 09 1200		.3	1	0.003	0.0002<	0.020	
81 02 27 1136		.3	1	0.003<	0.0002<	0.018	
81 03 09 1140		.3	1	0.003<	0.0002<	0.004	
81 03 20 1129		.3	1	0.003<	0.0003	0.030	
81 03 30 1150		.3	1	0.003<	0.0003	0.016	
81 04 13 1145		.3	1	0.003<	0.0002<	0.011	
81 04 28 1324		.3	1	0.003<	0.0002<	0.025	
81 05 11 1156		.3	1	0.007	0.0002<	0.001<	
81 07 13 1115		.3	1	0.003<	0.0004	0.004	
81 09 08		.3	1	0.003<	0.0005	0.005	
81 10 13 1250		.3	1	0.003<	0.0002	0.005	0.004
81 11 10		.3	1	0.013	0.0004	0.014	
81 12 07 1135		.3	1	0.007	0.0003	0.012	0.004
MAXIMUM				**0.013**	**0.0005**	**0.030**	**0.004**
ARITH MEAN				**0.007**	**0.0003**	**0.013**	**0.004**
GEOM MEAN				**0.007**	**0.0003**	**0.010**	**0.004**
MINIMUM				**0.003**	**0.0002**	**0.004**	**0.004**
STD DEV (GEOM *)				**0.004**	**0.0001**	**0.009**	**0.000**
# SAMPLES (IN STATISTICS)				**4**	**7**	**13**	**2**

B.O.W./ SITE: **DECKER CREEK**
SAMPLE POINT: **NEAR BRICK YARD, THEDFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-002-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0430475.0 4780600.0 4** REGION: **01** DISTANCE: **10.300**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1210		.3	1	41309	4	3000I	2000	30I	110	4<	0.0	4.5	1.3
81 02 09 1215		.3	1	41321	4	32000>	38000	600>	340	40	1.0	4.5	2.6
81 03 09 1155		.3	1	41333	6	5500	13500	1800	970	4<	2.5	10.5	0.8
81 04 13 1205		.3	1	41345	8	1600	7600	70I	90I	4<	9.0	12.0	0.5
81 05 11 1222		.3	1	41357	3	15000	110000	1500>	1500>	4<	11.0	2.0	3.2
81 06 08 1136		.3	1	41369	6	25000	250000	300I	100I	4<	18.0	5.5	3.3
81 07 13 1129		.3	1	41381	8	1800C	70000	340	1500>	4<	23.0	6.5	1.5
81 08 13 1345		.3	1	41393	6	3600	14000	210	210	4	22.0	7.0	1.8
81 09 08 1315		.3	1	41405	6	18000	77000	570	1070	24	19.0	8.0	1.3
81 10 13 1310		.3	1	41417	8	14600	25000	540	350	4	10.0	13.5	1.8
81 11 10 1130		.3	1	41429	8	1310C	8200	284	228	4<	5.0	3.0	1.4
81 12 07 1145		.3	1	41441	8	6200	10300	428	172	4<	3.0	8.5	0.9
MAXIMUM						**25000**	**250000**	**1800**	**1070**	**40**	**23.0**	**13.5**	**3.3**
ARITH MEAN						**8692**	**52133**	**457**	**364**	**18**	**11.2**	**7.1**	**1.7**
GEOM MEAN						**5491**	**23867**	**281**	**251**	**11**	**7.8**	**6.2**	**1.5**
MINIMUM						**1310**	**2000**	**30**	**90**	**4**	**1.0**	**2.0**	**0.5**
STD DEV (GEOM *)						**3***	**4***	**3***	**2***	**3***	**8.1**	**3.5**	**0.9**
# SAMPLES (IN STATISTICS)						**11**	**12**	**10**	**10**	**4**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1210		.3	1	0.098	0.020	0.350	0.900	0.027	0.720	1.097	0.550	1.647	485.4
81 02 09 1215		.3	1	0.295	0.210	1.000	2.050	0.031	1.970	3.001	1.050	4.051	548.5
81 03 09 1155		.3	1	0.182	0.035	0.105	1.020	0.019	6.500	6.624	0.915	7.539	674.0
81 04 13 1205		.3	1	0.049	0.019	0.095	0.730	0.040	2.410	2.545	0.635	3.180	475.8
81 05 11 1222		.3	1	0.150	0.055	0.280	1.680	0.069	7.300	7.649	1.400	9.049	511.6
81 06 08 1136		.3	1	0.212	0.098	0.015	1.240	0.042	1.460	1.517	1.225	2.742	462.4
81 07 13 1129		.3	1	0.780	0.660	0.075	1.340	0.042	1.730	1.847	1.265	3.112	505.9
81 08 13 1345		.3	1	0.340	0.255	0.020	1.070	0.012	0.510	0.542	1.050	1.592	436.4
81 09 08 1315		.3	1	0.135	0.064	0.010	1.110	0.064	6.100	6.174	1.100	7.274	492.0
81 10 13 1310		.3	1	0.050	0.023	0.040	0.850	0.023	6.500	6.563	0.810	7.373	491.0
81 11 10 1130		.3	1	0.042	0.013	0.010	0.870	0.014	4.700	4.724	0.860	5.584	486.5
81 12 07 1145		.3	1	0.039	0.017	0.020	0.630	0.013	4.000	4.033	0.610	4.643	496.9
MAXIMUM				**0.780**	**0.660**	**1.000**	**2.050**	**0.069**	**7.300**	**7.649**	**1.400**	**9.049**	**674.0**
ARITH MEAN				**0.198**	**0.122**	**0.168**	**1.124**	**0.033**	**3.658**	**3.860**	**0.956**	**4.815**	**505.5**
GEOM MEAN				**0.130**	**0.055**	**0.059**	**1.065**	**0.028**	**2.708**	**2.984**	**0.918**	**4.166**	**502.7**
MINIMUM				**0.039**	**0.013**	**0.010**	**0.630**	**0.012**	**0.510**	**0.542**	**0.550**	**1.592**	**436.4**
STD DEV (GEOM *)				**0.209**	**0.187**	**0.284**	**0.408**	**0.019**	**2.488**	**2.451**	**0.274**	**2.512**	**59.6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 12 1210		.3	1	36.1	449.3	740.0	13.00	50.000	7.75
81 02 09 1215		.3	1	10.1	538.4	890.0	5.50	69.500	7.80
81 03 09 1155		.3	1	186.0	488.0	700.0	58.00	37.000	8.09
81 04 13 1205		.3	1	8.8	467.0	710.0	5.60	46.000	8.18
81 05 11 1222		.3	1	51.1	460.5	655.0	38.00	45.000	7.95
81 06 08 1136		.3	1	28.5	433.9	665.0	3.70	45.000	8.04
81 07 13 1129		.3	1	18.5	487.4	780.0	15.00	65.000	7.94
81 08 13 1345		.3	1	13.1	423.3	705.0	14.00	69.000	8.07
81 09 08 1315		.3	1	21.5	470.5	690.0	18.00	27.000	8.18
81 10 13 1310		.3	1	12.8	478.2	780.0	6.20	30.500	8.13
81 11 10 1130		.3	1	12.3	474.2	750.0	6.00	28.000	8.29
81 12 07 1145		.3	1	12.3	484.6	745.0	6.90	34.500	8.22
MAXIMUM				**186.0**	**538.4**	**890.0**	**58.00**	**69.500**	**8.29**
ARITH MEAN				**34.3**	**471.3**	**734.2**	**15.82**	**45.542**	**8.05**
GEOM MEAN				**21.3**	**470.4**	**731.8**	**11.01**	**43.241**	**8.05**
MINIMUM				**8.8**	**423.3**	**655.0**	**3.70**	**27.000**	**7.75**
STD DEV (GEOM *)				**49.4**	**29.5**	**63.6**	**16.28**	**15.363**	**0.17**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **HENSALL CREEK**
SAMPLE POINT: **AT CONCESSION ROAD 2, WEST OF HENSALL**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FF105**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-007-02**
STORET CODE: **02 002 0180**

LAT: LONG: U.T.M.: **17 0457675.0 4808250.0 4** REGION: **01** DISTANCE: **139.204**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1045		.3	1	41304	4	1200	1800	210	10I	4<	0.5	9.5	0.5
81 02 09 1040		.3	1	41316	4	560	1680	148	44	4<	0.0	5.5	0.2
81 03 09 1010		.3	1	41328	6	380	2300	50I	60	4<	3.5	11.0	0.3
81 04 13 1005		.3	1	41340	8	410C	3700	8	8	4<	7.5	14.5	0.4
81 05 11 1033		.3	1	41352	3	41000	200000	600>	600>	16	9.5	2.5	5.1
81 06 08 0945		.3	1	41364	8	3200	21000	750	210	4<	15.5	4.0	1.6
81 07 13 0956		.3	1	41376	8	1400C	42000	260	460	4<	22.5	8.5	1.0
81 08 13 1107		.3	1	41388	6	2100	11000	140	360	4<	21.0	14.5	1.1
81 09 08 1111		.3	1	41400	8	5100	17000	490	580	8	17.0	9.0	0.9
81 10 13 1050		.3	1	41412	8	4000	18000	110	70I	4<	10.0	5.0	2.0
81 11 10 1000		.3	1	41424	8	260C	2900	64	80	4<	5.0	6.0	1.7
81 12 07 1000		.3	1	41436	8	580C	4200	80	108	4<	3.0	9.0	0.8
MAXIMUM						**41000**	**200000**	**750**	**580**	**16**	**22.5**	**14.5**	**5.1**
ARITH MEAN						**5016**	**27132**	**210**	**181**	**12**	**10.5**	**8.2**	**1.3**
GEOM MEAN						**1495**	**8693**	**123**	**88**	**11**	**7.1**	**7.4**	**0.9**
MINIMUM						**260**	**1680**	**8**	**8**	**8**	**0.5**	**2.5**	**0.2**
STD DEV (GEOM *)						**4***	**4***	**3***	**4***	**2***	**7.5**	**3.8**	**1.3**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**11**	**2**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1045		.3	1	0.038	0.032	0.050	0.480	0.022	7.000	7.072	0.430	7.502	401.4
81 02 09 1040		.3	1	0.032	0.028	0.065	0.670	0.026	6.820	6.911	0.605	7.516	413.8
81 03 09 1010		.3	1	0.041	0.028	0.055	0.680	0.035	8.800	8.890	0.625	9.515	342.4
81 04 13 1005		.3	1	0.033	0.013	0.010	0.590	0.033	6.970	7.013	0.580	7.593	379.4
81 05 11 1033		.3	1	0.342	0.130	0.540	2.360	0.127	14.100	14.767	1.820	16.587	533.2
81 06 08 0945		.3	1	0.039	0.003	0.020	0.690	0.061	5.900	5.981	0.670	6.651	352.6
81 07 13 0956		.3	1	0.127	0.018	0.030	0.730	0.043	4.300	4.373	0.700	5.073	399.8
81 08 13 1107		.3	1	0.028	0.007	0.005	0.520	0.017	3.180	3.202	0.515	3.717	310.4
81 09 08 1111		.3	1	0.089	0.061	0.010	0.800	0.069	8.100	8.179	0.790	8.969	409.5
81 10 13 1050		.3	1	0.290	0.250	0.210	1.050	0.097	8.100	8.407	0.840	9.247	450.6
81 11 10 1000		.3	1	0.015	0.002	0.005	0.680	0.015	8.000	8.020	0.675	8.695	370.3
81 12 07 1000		.3	1	0.035	0.026	0.025	0.580	0.027	10.400	10.452	0.555	11.007	459.0
MAXIMUM				**0.342**	**0.250**	**0.540**	**2.360**	**0.127**	**14.100**	**14.767**	**1.820**	**16.587**	**533.2**
ARITH MEAN				**0.092**	**0.050**	**0.085**	**0.819**	**0.048**	**7.639**	**7.772**	**0.734**	**8.506**	**401.9**
GEOM MEAN				**0.056**	**0.022**	**0.031**	**0.739**	**0.038**	**7.161**	**7.268**	**0.683**	**7.986**	**398.0**
MINIMUM				**0.015**	**0.002**	**0.005**	**0.480**	**0.015**	**3.180**	**3.202**	**0.430**	**3.717**	**310.4**
STD DEV (GEOM *)				**0.109**	**0.072**	**0.154**	**0.507**	**0.035**	**2.810**	**2.946**	**0.360**	**3.224**	**59.5**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 1045		.3	1	2.8	398.6	620.0	0.90	20.000	7.76
81 02 09 1040		.3	1	6.2	407.6	650.0	1.60	22.000	7.83
81 03 09 1010		.3	1	8.2	334.2	590.0	1.30	16.500	8.13
81 04 13 1005		.3	1	2.3	377.1	590.0	1.00	26.000	8.33
81 05 11 1033		.3	1	90.8	442.4	590.0	32.00	29.000	7.74
81 06 08 0945		.3	1	3.5	349.1	565.0	1.80	21.000	8.05
81 07 13 0956		.3	1	38.4	361.4	540.0	8.10	15.000	8.04
81 08 13 1107		.3	1	1.5	308.9	481.0	0.70	15.500	8.35
81 09 08 1111		.3	1	4.2	405.3	640.0	1.40	18.500	8.26
81 10 13 1050		.3	1	5.8	444.8	720.0	2.00	38.000	8.17
81 11 10 1000		.3	1	1.6	368.7	655.0	0.50	18.500	8.04
81 12 07 1000		.3	1	2.6	456.4	690.0	1.10	21.000	8.19
MAXIMUM				**90.8**	**456.4**	**720.0**	**32.00**	**38.000**	**8.35**
ARITH MEAN				**14.0**	**387.9**	**610.9**	**4.37**	**21.750**	**8.07**
GEOM MEAN				**5.4**	**385.3**	**607.6**	**1.77**	**20.987**	**8.07**
MINIMUM				**1.5**	**308.9**	**481.0**	**0.50**	**15.000**	**7.74**
STD DEV (GEOM *)				**26.2**	**46.2**	**66.0**	**8.93**	**6.552**	**0.21**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **LITTLE AUSABLE RIVER**
SAMPLE POINT: **AT BRIDGE, TWP LINE WEST OF LUCAN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-010-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0463600.0 4780750.0 4** REGION: **01** DISTANCE: **109.915**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1325		.3	1	41311	4	420	900	50I	50I	4<	0 0	8 0	0 2
81 02 09 1345		.3	1	41323	4	580	1670	144	136	4<	0 0	4 5	0 4
81 03 09 1250		.3	1	41335	6	520	2220	50I	70I	4<	4 0	12 0	0 3
81 04 13 1310		.3	1	41347	8	180C	2900	4	4	4<	10 0	13 0	0 8
81 05 11 1318		.3	1	41359	6	4900	12600	600>	312	4	12 0	8 0	1 9
81 06 08 1240		.3	1	41371	5	480	2400	80I	40I	4<	21 0	3 5	2 0
81 07 13 1302		.3	1	41383	6	810C	7300	364	96	4<	27 0	12 5	1 6
81 08 13 1552		.3	1	41395	6	430C	7700	160	170	4<	25 0		1 8
81 09 08 1540		.3	1	41407	6	4300C	26000	320	370	4<	20 0	7 5	0 9
81 10 13 1420		.3	1	41419	8						10 4	10 0	2 2
81 11 10 1245		.3	1	41431	8	120C	3200	48	4	4<	5 0	9 5	2 4
81 12 07 1310		.3	1	41443	8	280C	4700	16	40	4<	3 0	9 5	0 9
	MAXIMUM					**4900**	**26000**	**364**	**370**	**4**	**27.0**	**13.0**	**2.4**
	ARITH MEAN					**1184**	**6508**	**124**	**117**	**4**	**13.7**	**8.9**	**1.3**
	GEOM MEAN					**584**	**4159**	**66**	**58**		**10.8**	**8.3**	**1.0**
	MINIMUM					**120**	**900**	**4**	**4**	**4**	**3.0**	**3.5**	**0.2**
	STD DEV (GEOM *)					3*	3*	4*	5*		**8.9**	**3.1**	**0.8**
	# SAMPLES (IN STATISTICS)					11	11	10	11	1	10	11	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1325		.3	1	0 056	0 046	0 140	0 760	0 031	6 800	6 971	0 620	7 591	421 0
81 02 09 1345		.3	1	0 111	0 096	0 345	0 880	0 040	5 810	6 195	0 535	6 730	444 4
81 03 09 1250		.3	1	0 055	0 042	0 095	0 590	0 018	8 700	8 813	0 495	9 308	365 8
81 04 13 1310		.3	1	0 028	0 011	0 015	0 530	0 039	6 660	6 714	0 515	7 229	370 5
81 05 11 1318		.3	1	0 082	0 031	0 055	1 000	0 062	7 100	7 217	0 945	8 162	353 9
81 06 08 1240		.3	1	0 024	0 002	0 020	0 660	0 058	3 200	3 278	0 640	3 918	288 3
81 07 13 1302		.3	1	0 064	0 006	0 035	0 850	0 035	1 770	1 840	0 815	2 655	254 5
81 08 13 1552		.3	1	0 034	0 002	0 010	0 610	0 003	0 010<	0 023	0 600	0 623	209 6
81 09 08 1540		.3	1	0 117	0 073	0 010	0 880	0 059	7 700	7 769	0 870	8 639	415 7
81 10 13 1420		.3	1	0 022	0 011	0 005	0 700	0 016	8 400	8 421	0 695	9 116	346 8
81 11 10 1245		.3	1	0 029	0 018	0 005	0 800	0 013	7 200	7 218	0 795	8 013	395 2
81 12 07 1310		.3	1	0 076	0 060	0 040	0 820	0 022	7 200	7 262	0 780	8 042	444 9
	MAXIMUM			**0.117**	**0.096**	**0.345**	**1.000**	**0.062**	**8.700**	**8.813**	**0.945**	**9.308**	**444.9**
	ARITH MEAN			**0.058**	**0.033**	**0.065**	**0.757**	**0.033**	**6.413**	**6.518**	**0.700**	**7.218**	**359.2**
	GEOM MEAN			**0.050**	**0.018**	**0.028**	**0.744**	**0.026**	**5.913**	**6.027**	**0.685**	**6.819**	**351.0**
	MINIMUM			**0.022**	**0.002**	**0.005**	**0.530**	**0.003**	**1.770**	**1.840**	**0.495**	**2.655**	**209.6**
	STD DEV (GEOM *)			**0.033**	**0.031**	**0.097**	**0.141**	**0.019**	**2.121**	**2.115**	**0.152**	**2.104**	**74.9**
	# SAMPLES (IN STATISTICS)			12	12	12	12	12	11	11	11	11	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*
81 01 12 1325		.3	1	7 2	413 8	660 0	12 00	22 000	7 76	
81 02 09 1345		.3	1	3 7	440 7	680 0	1 50	26 000	7 77	1 000<
81 03 09 1250		.3	1	6 3	359 5	580 0	2 40	16 500	8 05	
81 04 13 1310		.3	1	4 0	366 5	550 0	2 20	19 500	8 24	
81 05 11 1318		.3	1	11 6	342 3	540 0	6 00	18 500	8 08	
81 06 08 1240		.3	1	3 4	284 9	453 0	0 85	16 500	8 17	
81 07 13 1302		.3	1	5 8	248 7	404 0	1 80	17 500	8 30	
81 08 13 1552		.3	1	2 3	225 600	347 0	1 30	16 000	8 36	
81 09 08 1540		.3	1	12 5	403 2	615 0	4 80	17 000	8 11	
81 10 13 1420		.3	1	7 3	339 5	640 0	1 40	17 500	8 08	
81 11 10 1245		.3	1	1 8	393 4	660 0	0 80	17 000	8 28	
81 12 07 1310		.3	1	3 0	441 9	670 0	1 50	22 000	8 24	
	MAXIMUM			**12.5**	**441.9**	**680.0**	**12.00**	**26.000**	**8.36**	
	ARITH MEAN			**5.7**	**355.0**	**566.6**	**3.05**	**18.833**	**8.12**	
	GEOM MEAN			**4.9**	**347.7**	**555.0**	**2.14**	**18.632**	**8.12**	
	MINIMUM			**1.8**	**225.600**	**347.0**	**0.80**	**16.000**	**7.76**	
	STD DEV (GEOM *)			**3.5**	71.1	**111.8**	**3.23**	**3.033**	**0.19**	
	# SAMPLES (IN STATISTICS)			12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **AUSABLE RIVER**
SAMPLE POINT: **AT TOWNLINE DNSTR.FROM CENTRALIA BASE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-011-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0457160.0 4790060.0 4** REGION: **01** DISTANCE: **120.000**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1115		.3	1	41306	4	700I	3800	60I	10I	4<	0.0	4.5	1.4
81 02 09 1115		.3	1	41318	4	150	1580	16	332	4<	0.0	5.0	0.4
81 03 09 1100		.3	1	41330	6	340C	3000	40	900	4<	4.0	10.0	0.4
81 04 13 1050		.3	1	41342	8	1110C	8600	60	8	4<	10.0	10.5	0.8
81 05 11 1056		.3	1	41354	3	44000	152000	600>	600>	4<	12.0	8.5	3.5
81 06 08 1025		.3	1	41366	5	1100	24000	140	40I	4<	18.0	5.0	2.1
81 07 13 1030		.3	1	41378	8	760C	12000	360	600>	4<	24.0	8.0	3.8
81 08 13 1144		.3	1	41390	6	1200	18000	230	140	4<	23.5	13.0	3.4
81 09 08 1200		.3	1	41402	6	16400>	35000	880	510	4	19.5	6.0	1.0
81 10 13 1130		.3	1	41414	8	490C	5000	90I	60I	4<	10.1	5.0	1.6
81 11 10 1030		.3	1	41426	8	610C	3700	64	72	4<	5.0	8.5	2.4
81 12 07 1050		.3	1	41438	8	470C	3400	60	68	4<	3.0	10.5	1.2
	MAXIMUM					**44000**	**152000**	**880**	**900**	**4**	**24.0**	**13.0**	**3.8**
	ARITH MEAN					**4630**	**22507**	**182**	**214**	**4**	**12.9**	**7.9**	**1.8**
	GEOM MEAN					**880**	**8963**	**98**	**85**		**10.4**	**7.4**	**1.4**
	MINIMUM					**150**	**1580**	**16**	**8**	**4**	**3.0**	**4.5**	**0.4**
	STD DEV (GEOM *)					4*	4*	3*	5*		**7.9**	**2.8**	**1.2**
	# SAMPLES (IN STATISTICS)					**11**	**12**	**11**	**10**	**1**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1115		.3	1	0.102	0.053	0.430	1.220	0.026	4.800	5.256	0.790	6.046	463.9
81 02 09 1115		.3	1	0.070	0.057	0.445	1.140	0.050	5.400	5.895	0.695	6.590	469.3
81 03 09 1100		.3	1	0.052	0.032	0.090	0.700	0.026	6.700	6.816	0.610	7.426	375.0
81 04 13 1050		.3	1	0.049	0.016	0.015	0.720	0.037	4.760	4.812	0.705	5.517	379.6
81 05 11 1056		.3	1	0.200	0.089	0.355	2.460	0.060	5.100	5.515	2.105	7.620	406.2
81 06 08 1025		.3	1	0.126	0.032	0.040	1.190	0.033	2.600	2.673	1.150	3.823	425.4
81 07 13 1030		.3	1	0.161	0.017	0.010	1.310	0.019	1.620	1.649	1.300	2.949	371.0
81 08 13 1144		.3	1	0.170	0.073	0.050	1.160	0.024	1.350	1.424	1.110	2.534	376.1
81 09 08 1200		.3	1	0.136	0.092	0.025	0.980	0.118	7.400	7.543	0.955	8.498	391.8
81 10 13 1130		.3	1	0.083	0.048	0.010	0.770	0.034	8.000	8.044	0.760	8.804	449.3
81 11 10 1030		.3	1	0.036	0.008	0.005	0.860	0.014	6.800	6.819	0.855	7.674	455.5
81 12 07 1050		.3	1	0.045	0.027	0.035	1.290	0.024	8.000	8.059	1.255	9.314	456.4
	MAXIMUM			**0.200**	**0.092**	**0.445**	**2.460**	**0.118**	**8.000**	**8.059**	**2.105**	**9.314**	**469.3**
	ARITH MEAN			**0.102**	**0.046**	**0.126**	**1.150**	**0.039**	**5.211**	**5.375**	**1.024**	**6.400**	**418.3**
	GEOM MEAN			**0.088**	**0.036**	**0.046**	**1.083**	**0.033**	**4.543**	**4.704**	**0.964**	**5.932**	**416.6**
	MINIMUM			**0.036**	**0.008**	**0.005**	**0.700**	**0.014**	**1.350**	**1.424**	**0.610**	**2.534**	**371.0**
	STD DEV (GEOM *)			**0.055**	**0.028**	**0.174**	**0.468**	**0.028**	**2.338**	**2.347**	**0.411**	**2.282**	**39.0**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 1115		.3	1	33.3	430.6	680.0	8.00	22.500	7.61
81 02 09 1115		.3	1	4.1	465.2	720.0	2.10	26.500	7.67
81 03 09 1100		.3	1	8.8	366.2	600.0	4.20	21.500	7.90
81 04 13 1050		.3	1	8.1	371.5	570.0	4.20	19.500	8.06
81 05 11 1056		.3	1	46.7	359.5	540.0	31.00	20.000	7.78
81 06 08 1025		.3	1	28.7	397.7	590.0	27.00	17.500	8.00
81 07 13 1030		.3	1	16.0	355.0	540.0	6.90	22.000	8.18
81 08 13 1144		.3	1	23.8	352.3	530.0	12.00	25.500	8.01
81 09 08 1200		.3	1	10.9	380.9	590.0	6.10	16.500	8.05
81 10 13 1130		.3	1	23.4	425.9	705.0	7.40	23.000	8.08
81 11 10 1030		.3	1	2.4	453.1	680.0	2.70	22.500	8.16
81 12 07 1050		.3	1	5.6	450.8	680.0	3.00	26.500	8.11
	MAXIMUM			**46.7**	**465.2**	**720.0**	**31.00**	**26.500**	**8.18**
	ARITH MEAN			**17.6**	**400.7**	**618.7**	**9.55**	**21.958**	**7.97**
	GEOM MEAN			**12.7**	**398.7**	**615.2**	**6.65**	**21.734**	**7.97**
	MINIMUM			**2.4**	**352.3**	**530.0**	**2.10**	**16.500**	**7.61**
	STD DEV (GEOM *)			**13.7**	**42.1**	**69.8**	**9.53**	**3.237**	**0.19**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **PARKHILL CREEK**
SAMPLE POINT: **RD.BETWEEN LOTS 15&16 WEST OF PARKHILL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-012-02**
STORET CODE: **02 002 0180**

LAT: LONG: U.T.M: **17 0440700.0 4781400.0 4** REGION: **01** DISTANCE: **19.955**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1230		.3	1	41310	4	160	1300	10<	10I	4<	0.0	8.0	0.5
81 02 09 1245		.3	1	41322	4	50I	590	8	20	4<	0.0	7.5	0.8
81 03 09 1215		.3	1	41334	6	130C	3000	32	208	4<	3.0	10.0	1.0
81 04 13 1225		.3	1	41346	8	180C	4800	32	8	4<	10.0	10.0	1.2
81 05 11 1241		.3	1	41358	3	4200	11000	440	260	4<	13.0	8.5	3.6
81 06 08 1202		.3	1	41370	6	3600C	29000	310	180	4<	19.0	12.0	2.3
81 07 13 1147		.3	1	41382	6	1600C	42000	390	250	4<	24.5	8.0	1.4
81 08 13 1420		.3	1	41394	6	10000	70000	920	910	32	24.0	6.0	4.9
81 09 08 1350		.3	1	41406	6	67000	230000	200	500	12	20.0	6.0	1.4
81 10 13 1340		.3	1	41418	8	800I	16000	190	60I	4	10.2	9.5	2.0
81 11 10 1800		.3	1	41430	8	630C	9300	56	200	4<	5.0	11.0	1.7
81 12 07 1240		.3	1	41442	8	270	2020	20	20	4<	3.0	11.0	1.7
MAXIMUM						**67000**	**230000**	**920**	**910**	**32**	**24.5**	**12.0**	**4.9**
ARITH MEAN						**7385**	**34917**	**236**	**219**	**16**	**13.2**	**9.0**	**1.9**
GEOM MEAN						**929**	**9726**	**105**	**93**	**12**	**10.3**	**8.8**	**1.6**
MINIMUM						**50**	**590**	**8**	**8**	**4**	**3.0**	**6.0**	**0.5**
STD DEV (GEOM *)						**8***	**6***	**5***	**5***	**3***	**8.3**	**1.9**	**1.2**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**12**	**3**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 12 1230		.3	1	0.078	0.052	0.105	1.120	0.032	8.500	8.637	1.015	9.652	502.5
81 02 09 1245		.3	1	0.092	0.070	0.140	0.990	0.037	8.860	9.037	0.850	9.887	489.9
81 03 09 1215		.3	1	0.170	0.103	0.115	1.220	0.038	7.700	7.853	1.105	8.958	335.0
81 04 13 1225		.3	1	0.140	0.020	0.045	1.080	0.037	4.610	4.692	1.035	5.727	494.0
81 05 11 1241		.3	1	0.210	0.020	0.070	1.480	0.050	5.400	5.520	1.410	6.930	506.4
81 06 08 1202		.3	1	0.130	0.030	0.055	1.280	0.087	5.700	5.842	1.225	7.067	535.5
81 07 13 1147		.3	1	0.132	0.037	0.020	1.320	0.041	8.500	8.561	1.300	9.861	478.2
81 08 13 1420		.3	1	0.232	0.027	0.005	2.020	0.024	4.080	4.109	2.015	6.124	489.6
81 09 08 1350		.3	1	0.224	0.161	0.025	1.200	0.139	4.700	4.864	1.175	6.039	314.0
81 10 13 1340		.3	1	0.156	0.109	0.005	1.240	0.057	6.300	6.362	1.235	7.597	409.6
81 11 10 1800		.3	1	0.101	0.068	0.005	1.020	0.023	6.000	6.028	1.015	7.043	457.0
81 12 07 1240		.3	1	0.130	0.090	0.060	1.040	0.017	6.000	6.077	0.980	7.057	444.8
MAXIMUM				**0.232**	**0.161**	**0.140**	**2.020**	**0.139**	**8.860**	**9.037**	**2.015**	**9.887**	**535.5**
ARITH MEAN				**0.150**	**0.066**	**0.054**	**1.251**	**0.048**	**6.362**	**6.465**	**1.197**	**7.662**	**454.7**
GEOM MEAN				**0.142**	**0.053**	**0.032**	**1.227**	**0.041**	**6.170**	**6.271**	**1.168**	**7.526**	**449.3**
MINIMUM				**0.078**	**0.020**	**0.005**	**0.990**	**0.017**	**4.080**	**4.109**	**0.850**	**5.727**	**314.0**
STD DEV (GEOM *)				**0.051**	**0.044**	**0.046**	**0.281**	**0.034**	**1.647**	**1.666**	**0.301**	**1.532**	**69.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 12 1230		.3	1	15.3	487.2	720.0	6.50	27.500	7.63
81 02 09 1245		.3	1	7.1	482.8	700.0	4.50	30.500	7.74
81 03 09 1215		.3	1	43.5	291.5	445.0	37.00	13.000	7.90
81 04 13 1225		.3	1	100.5	393.5	570.0	35.00	22.000	8.03
81 05 11 1241		.3	1	130.3	376.1	560.0	75.00	20.500	7.91
81 06 08 1202		.3	1	50.4	485.1	570.0	25.00	19.000	7.95
81 07 13 1147		.3	1	54.0	424.2	605.0	35.00	22.000	8.09
81 08 13 1420		.3	1	90.7	398.9	575.0	63.00	30.000	8.07
81 09 08 1350		.3	1	16.0	298.0	418.0	28.00	12.500	7.78
81 10 13 1340		.3	1	20.1	389.5	590.0	18.00	17.500	7.98
81 11 10 1800		.3	1	10.1	446.9	665.0	11.00	20.500	8.05
81 12 07 1240		.3	1	12.6	432.2	610.0	18.00	21.000	8.10
MAXIMUM				**130.3**	**487.2**	**720.0**	**75.00**	**30.500**	**8.10**
ARITH MEAN				**45.9**	**408.8**	**585.7**	**29.67**	**21.333**	**7.94**
GEOM MEAN				**30.4**	**403.6**	**579.0**	**22.36**	**20.590**	**7.93**
MINIMUM				**7.1**	**291.5**	**418.0**	**4.50**	**12.500**	**7.63**
STD DEV (GEOM *)				**41.1**	**65.7**	**89.2**	**21.52**	**5.777**	**0.15**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W / SITE: **AUSABLE RIVER**
SAMPLE POINT: **AT HIGHWAY 21 GRAND BEND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-013-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0438600.0 4795450.0 4** REGION: **01** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1140		.3	1	41307	4	1900	2900	170	50I	4<	0.0	3.5	0.8
81 02 09 1145		.3	1	41319	4	7000	15000	100	368	4<	0.0	3.5	0.4
81 03 09 1125		.3	1	41331	6	470C	11000	130	1500>	4<	2.5	11.5	0.8
81 04 13 1120		.3	1	41343	8	680	4000	80I	40	4<	10.0	10.0	1.0
81 05 11 1118		.3	1	41355	6	51000	147000	1500>	1500>	28	12.0	6.5	3.6
81 06 08 1049		.3	1	41367	6	2000I	41000	400I	1400	4<	21.0	8.0	3.3
81 07 13 1055		.3	1	41379	8	3800C	40000	390	120	4	25.5	5.0	1.5
81 08 13 1122		.3	1	41391	6	13000	51000	300	100	20	24.0	9.5	3.5
81 09 08		.3	1	41403	6	20000	54000	320	530	4	20.0	6.0	1.4
81 10 13 1245		.3	1	41415	8	1700	23000	50I	120	4<	10.0	5.5	2.0
81 11 10		.3	1	41427	8	1040C	13500	172	340	4	5.0	5.0	2.4
81 12 07 1150		.3	1	41439	8	2300	7100	236	228	4<	3.0	6.5	1.4
MAXIMUM						**51000**	**147000**	**400**	**1400**	**28**	**25.5**	**11.5**	**3.6**
ARITH MEAN						**8741**	**34125**	**213**	**330**	**12**	**13.3**	**6.7**	**1.8**
GEOM MEAN						**3312**	**19377**	**177**	**190**	**8**	**10.1**	**6.3**	**1.5**
MINIMUM						**470**	**2900**	**50**	**40**	**4**	**2.5**	**3.5**	**0.4**
STD DEV (GEOM *)						**4***	**3***	**2***	**3***	**3***	**8.7**	**2.6**	**1.1**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**5**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1140		.3	1	0.062	0.035	0.150	1.100	0.030	7.000	7.180	0.950	8.130	509.3
81 02 09 1145		.3	1	0.071	0.045	0.160	1.000	0.035	7.310	7.505	0.840	8.345	514.4
81 03 09 1125		.3	1	0.122	0.071	0.145	1.280	0.037	9.500	9.682	1.135	10.817	418.9
81 04 13 1120		.3	1	0.066	0.005	0.025	1.060	0.042	5.210	5.277	1.035	6.312	478.8
81 05 11 1118		.3	1	0.216	0.073	0.210	1.420	0.065	6.700	6.975	1.210	8.185	532.6
81 06 08 1049		.3	1	0.154	0.007	0.045	1.500	0.087	6.000	6.132	1.455	7.587	554.1
81 07 13 1055		.3	1	0.156	0.036	0.125	1.620	0.103	11.300	11.528	1.495	13.023	514.6
81 08 13 1122		.3	1	0.111	0.008	0.020	1.250	0.041	3.210	3.271	1.230	4.501	311.5
81 09 08		.3	1	0.206	0.111	0.055	1.660	0.141	6.300	6.496	1.605	8.101	481.4
81 10 13 1245		.3	1	0.144	0.072	0.020	1.380	0.047	6.600	6.667	1.360	8.027	492.6
81 11 10		.3	1	0.085	0.048	0.020	1.020	0.024	6.500	6.544	1.000	7.544	492.8
81 12 07 1150		.3	1	0.097	0.064	0.035	0.890	0.027	6.200	6.262	0.855	7.117	464.4
MAXIMUM				**0.216**	**0.111**	**0.210**	**1.660**	**0.141**	**11.300**	**11.528**	**1.605**	**13.023**	**554.1**
ARITH MEAN				**0.124**	**0.048**	**0.084**	**1.265**	**0.057**	**6.819**	**6.960**	**1.181**	**8.141**	**480.4**
GEOM MEAN				**0.114**	**0.034**	**0.058**	**1.241**	**0.048**	**6.546**	**6.679**	**1.155**	**7.898**	**475.9**
MINIMUM				**0.062**	**0.005**	**0.020**	**0.890**	**0.024**	**3.210**	**3.271**	**0.840**	**4.501**	**311.5**
STD DEV (GEOM *)				**0.052**	**0.032**	**0.069**	**0.255**	**0.036**	**2.015**	**2.061**	**0.256**	**2.118**	**63.4**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	SOLEXT SOLVENT EXTRACT. MG/L
81 01 12 1140		.3	1	8.2	501.1	740.0	4.50	28.500	7.56	1.000<	
81 02 09 1145		.3	1	9.5	504.9	750.0	6.40	32.000	7.62	1.000<	
81 03 09 1125		.3	1	43.6	375.3	550.0	29.00	16.000	7.84	1.000<	
81 04 13 1120		.3	1	41.5	437.3	630.0	28.00	22.000	8.03	1.000<	
81 05 11 1118		.3	1	118.9	413.7	612.0	85.00	27.500	7.79	1.000<	
81 06 08 1049		.3	1	126.8	427.3	635.0	60.00	22.500	8.02		
81 07 13 1055		.3	1	68.0	446.6	635.0	60.00	22.000	7.87		13.5
81 08 13 1122		.3	1	25.3	286.2	422.0	20.00	20.000	8.09	1.000<	1
81 09 08		.3	1	77.2	404.2	560.0	52.00	14.500	7.74	1.000<	5
81 10 13 1245		.3	1	50.2	442.4	680.0	37.00	19.000	7.90	1.000<	
81 11 10		.3	1	14.0	478.8	715.0	13.00	20.500	7.95	1.000<	1
81 12 07 1150		.3	1	11.4	453.0	665.0	15.00	22.000	8.01	1.000<	1
MAXIMUM				**126.8**	**504.9**	**750.0**	**85.00**	**32.000**	**8.09**		**13.5**
ARITH MEAN				**49.5**	**430.9**	**632.8**	**34.16**	**22.208**	**7.87**		**4**
GEOM MEAN				**33.8**	**426.7**	**626.1**	**24.78**	**21.693**	**7.87**		**2**
MINIMUM				**8.2**	**286.2**	**422.0**	**4.50**	**14.500**	**7.56**		**1**
STD DEV (GEOM *)				**41.1**	**59.3**	**91.6**	**25.18**	**5.043**	**0.17**		**5**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**		**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **AUSABLE RIVER**
SAMPLE POINT: **AT FIRST CONC.WEST OF HIGHWAY 4 EXETER**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FF103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-016-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0458700.0 4800950.0 4** REGION: **01** DISTANCE: **134.377**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 1055		.3	1	41305	4	600	1200	60I	10I	4<	0 0	3 0	0 7
81 02 09 1055		.3	1	41317	4	930C	2620	216	36	4<	0 0	6 0	0 2
81 03 09 1020		.3	1	41329	6	210C	2900	30I	340	4<	3 5	13 0	0 2
81 04 13 1025		.3	1	41341	8	240C	11900	48	4<	4<	9 5	12 0	0 9
81 05 11 1043		.3	1	41353	3	7100C	26000	600>	384	4<	12 0	3 0	2 1
81 06 08 1002		.3	1	41365	6	12000	220000	1500>	1130	4<	18 0	8 0	2 9
81 07 13 1013		.3	1	41377	8	1400C	45000	540	500	4<	24 0	8 0	2 0
81 08 13 1120		.3	1	41389	6	1500	12000	430	380	4<	21 0	10 0	1 9
81 09 08 1135		.3	1	41401	6	5000I	56000	390	460	4	19 0	12 5	1 0
81 10 13 1100		.3	1	41413	8	840C	4900	80I	30I	4<	10 0	13 5	2 0
81 11 10 1015		.3	1	41425	8	330C	3400	28	4<	4<	5 0	7 0	2 7
81 12 07 1020		.3	1	41437	8	190	1400	12	8	4<	3 0	8 0	0 7
MAXIMUM						**12000**	**220000**	**540**	**1130**	**4**	**24.0**	**13.5**	**2.9**
ARITH MEAN						**2528**	**32277**	**183**	**328**	**4**	**12.5**	**8.7**	**1.4**
GEOM MEAN						**1024**	**9335**	**92**	**127**		**10.0**	**7.8**	**1.1**
MINIMUM						**190**	**1200**	**12**	**8**	**4**	**3.0**	**3.0**	**0.2**
STD DEV (GEOM *)						**4***	**5***	**4***	**6***		**7.6**	**3.6**	**0.9**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**10**	**1**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 1055		.3	1	0 032	0 014	0 100	0 700	0 021	6 400	6 521	0 600	7 121	408 4
81 02 09 1055		.3	1	0 054	0 044	0 210	0 810	0 034	5 620	5 864	0 600	6 464	417 8
81 03 09 1020		.3	1	0 028	0 021	0 050	0 490	0 018	8 000	8 068	0 440	8 508	343 8
81 04 13 1025		.3	1	0 023	0 002	0 010	0 600	0 031	6 270	6 311	0 590	6 901	335 2
81 05 11 1043		.3	1	0 118	0 016	0 075	1 400	0 056	6 800	6 931	1 325	8 256	359 8
81 06 08 1002		.3	1	0 097	0 002	0 025	1 130	0 038	2 800	2 863	1 105	3 968	322 6
81 07 13 1013		.3	1	0 135	0 001	0 005	1 140	0 064	6 090	6 159	1 135	7 294	325 2
81 08 13 1120		.3	1	0 036	0 001	0 025	0 840	0 021	0 660	0 706	0 815	1 521	396 8
81 09 08 1135		.3	1	0 124	0 063	0 015	0 930	0 048	7 600	7 663	0 915	8 578	399 5
81 10 13 1100		.3	1	0 020	0 006	0 015	0 630	0 016	9 100	9 131	0 615	9 746	369 4
81 11 10 1015		.3	1	0 042	0 002	0 005	0 750	0 014	9 300	9 319	0 745	10 064	402 0
81 12 07 1020		.3	1	0 033	0 021	0 035	0 500	0 026	8 400	8 461	0 465	8 926	431 2
MAXIMUM				**0.135**	**0.063**	**0.210**	**1.400**	**0.064**	**9.300**	**9.319**	**1.325**	**10.064**	**431.2**
ARITH MEAN				**0.062**	**0.016**	**0.047**	**0.827**	**0.032**	**6.420**	**6.500**	**0.779**	**7.279**	**376.0**
GEOM MEAN				**0.049**	**0.007**	**0.026**	**0.786**	**0.029**	**5.488**	**5.588**	**0.735**	**6.642**	**374.2**
MINIMUM				**0.020**	**0.001**	**0.005**	**0.490**	**0.014**	**0.660**	**0.706**	**0.440**	**1.521**	**322.6**
STD DEV (GEOM *)				**0.044**	**0.020**	**0.059**	**0.280**	**0.016**	**2.531**	**2.524**	**0.285**	**2.443**	**38.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 1055		.3	1	3 7	404 7	650 0	1 00	24 500	7 79
81 02 09 1055		.3	1	4 2	413 6	670 0	1 50	27 000	7 85
81 03 09 1020		.3	1	6 5	337 3	580 0	1 50	17 500	8 17
81 04 13 1025		.3	1	6 2	329 0	530 0	1 40	20 000	8 27
81 05 11 1043		.3	1	41 9	317 9	505 0	18 00	18 000	7 95
81 06 08 1002		.3	1	31 3	291 3	457 0	0 55	24 000	7 95
81 07 13 1013		.3	1	13 9	311 3	505 0	2 50	36 500	8 12
81 08 13 1120		.3	1	2 5	394 3	675 0	1 60	108 000	8 20
81 09 08 1135		.3	1	11 0	388 5	590 0	3 30	19 000	8 27
81 10 13 1100		.3	1	5 5	363 9	665 0	0 90	19 000	8 09
81 11 10 1015		.3	1	6 3	395 7	670 0	3 40	28 000	8 19
81 12 07 1020		.3	1	4 0	427 2	660 0	1 60	21 000	8 23
MAXIMUM				**41.9**	**427.2**	**675.0**	**18.00**	**108.000**	**8.27**
ARITH MEAN				**11.4**	**364.6**	**596.4**	**3.10**	**30.208**	**8.09**
GEOM MEAN				**7.7**	**361.9**	**591.3**	**1.89**	**25.717**	**8.09**
MINIMUM				**2.5**	**291.3**	**457.0**	**0.55**	**17.500**	**7.79**
STD DEV (GEOM *)				**12.4**	**45.5**	**79.5**	**4.77**	**25.097**	**0.17**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **AUSABLE RIVER**
SAMPLE POINT: **AT MORRISON DAM EAST OF EXETER**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FF104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **AUSABLE RIVER**

STATION ID: **08-0022-017-02**
STORET CODE: **02 002 0180**

LAT: LONG: U T M: **17 0463050.0 4800550.0 4** REGION: **01** DISTANCE: **136.630**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 12 0850		.3	1	41300	4	900I	2200	30I	20I	4<	0.0	4.5	0.4
81 02 09 0825		.3	1	41312	4	230	850	128	8	4<	0.0	6.0	0.4
81 03 09 0820		.3	1	41324	4	10<	390	10<	4<	4<	1.5	10.0	0.1
81 04 13 0815		.3	1	41336	6	80I	1360	4<	4<	4<	10.0	10.0	0.8
81 05 11 0835		.3	1	41348	6	260C	2800	32	16	4<	13.0	6.0	1.7
81 06 08 0750		.3	1	41360	8	1000	22000	4	16	4<	21.0		4.1
81 07 13 0809		.3	1	41372	8	120C	24000>	4	4	4<	26.0	11.0	1.3
81 08 13 0845		.3	1	41384	8	170C	24000>	24	12	4<	24.0	11.0	2.0
81 09 08 0930		.3	1	41396	6	3800	11000	92	148	4<	20.5	5.5	0.8
81 10 13 0905		.3	1	41408	8	110C	4400	28	4<	4<	10.0	10.5	1.8
81 11 10 0840		.3	1	41420	8	210C	7000	88	44	4<	10.0	10.0	1.4
81 12 07 0850		.3	1	41432	8	20I	500	8	4<	4<	3.0	7.0	0.5
MAXIMUM						**3800**	**22000**	**128**	**148**		**26.0**	**11.0**	**4.1**
ARITH MEAN						**627**	**5250**	**44**	**33**		**13.9**	**8.3**	**1.3**
GEOM MEAN						**240**	**2521**	**25**	**18**		**10.5**	**7.9**	**0.9**
MINIMUM						**20**	**390**	**4**	**4**		**1.5**	**4.5**	**0.1**
STD DEV (GEOM *)						**4***	**4***	**3***	**3***		**8.6**	**2.5**	**1.1**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**8**		**10**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 12 0850		.3	1	0.028	0.014	0.110	0.680	0.029	6.900	7.039	0.570	7.609	393.5
81 02 09 0825		.3	1	0.032	0.020	0.145	0.890	0.033	6.320	6.498	0.745	7.243	393.8
81 03 09 0820		.3	1	0.030	0.021	0.050	0.620	0.017	8.300	8.367	0.570	8.937	299.5
81 04 13 0815		.3	1	0.021	0.001	0.015	0.580	0.034	6.670	6.719	0.565	7.284	329.2
81 05 11 0835		.3	1	0.031	0.003	0.050	0.740	0.059	6.400	6.509	0.690	7.199	327.0
81 06 08 0750		.3	1	0.029	0.001<	0.035	1.190	0.083	5.300	5.418	1.155	6.573	244.0
81 07 13 0809		.3	1	0.034	0.002	0.020	0.710	0.126	11.700	11.846	0.690	12.536	322.4
81 08 13 0845		.3	1	0.020	0.001	0.030	0.930	0.103	4.250	4.383	0.900	5.283	248.8
81 09 08 0930		.3	1	0.098	0.066	0.055	0.890	0.097	8.300	8.452	0.835	9.287	378.9
81 10 13 0905		.3	1	0.230	0.092	0.020	0.640	0.026	9.900	9.946	0.620	10.566	393.8
81 11 10 0840		.3	1	0.028	0.005	0.025	0.680	0.020	11.600	11.645	0.655	12.300	406.6
81 12 07 0850		.3	1	0.031	0.020	0.025	0.500	0.030	9.000	9.055	0.475	9.530	430.5
MAXIMUM				**0.230**	**0.092**	**0.145**	**1.190**	**0.126**	**11.700**	**11.846**	**1.155**	**12.536**	**430.5**
ARITH MEAN				**0.051**	**0.022**	**0.048**	**0.754**	**0.055**	**7.887**	**7.990**	**0.706**	**8.696**	**347.3**
GEOM MEAN				**0.037**	**0.009**	**0.038**	**0.734**	**0.044**	**7.561**	**7.674**	**0.686**	**8.433**	**341.9**
MINIMUM				**0.020**	**0.001**	**0.015**	**0.500**	**0.017**	**4.250**	**4.383**	**0.475**	**5.283**	**244.0**
STD DEV (GEOM *)				**0.060**	**0.030**	**0.040**	**0.190**	**0.038**	**2.355**	**2.338**	**0.185**	**2.257**	**61.7**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 0850		.3	1	2.1	391.4	630.0	1.00	17.000	7.83
81 02 09 0825		.3	1	5.3	388.5	640.0	1.50	17.500	7.66
81 03 09 0820		.3	1	3.5	296.0	530.0	1.20	13.000	7.86
81 04 13 0815		.3	1	12.0	317.2	510.0	5.70	15.000	8.20
81 05 11 0835		.3	1	8.0	319.0	510.0	3.80	15.500	7.96
81 06 08 0750		.3	1	7.1	258.000	397.0	2.20	16.000	8.05
81 07 13 0809		.3	1	1.3	321.1	491.0	0.60	20.500	8.27
81 08 13 0845		.3	1	1.4	250.300	385.0	1.20	19.000	8.45
81 09 08 0930		.3	1	1.8	377.1	590.0	1.40	14.000	7.91
81 10 13 0905		.3	1	3.0	390.8	675.0	1.40	17.000	7.83
81 11 10 0840		.3	1	7.8	398.8	645.0	3.50	17.500	8.20
81 12 07 0850		.3	1	4.5	426.0	650.0	1.60	17.000	8.17
MAXIMUM				**12.0**	**426.0**	**675.0**	**5.70**	**20.500**	**8.45**
ARITH MEAN				**4.8**	**344.5**	**554.4**	**2.09**	**16.583**	**8.03**
GEOM MEAN				**3.8**	**339.7**	**545.6**	**1.72**	**16.464**	**8.03**
MINIMUM				**1.3**	**250.300**	**385.0**	**0.60**	**13.000**	**7.66**
STD DEV (GEOM *)				**3.3**	**58.4**	**99.2**	**1.49**	**2.065**	**0.23**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **BAYFIELD RIVER**
SAMPLE POINT: **FIRST CONCESSION DOWNSTREAM FROM CLINTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BAYFIELD RIVER**

STATION ID: **08-0040-006-02**
STORET CODE: **02 002 0370**

LAT: LONG: U.T.M: **17 0454950.0 4826100.0 4** REGION: **01** DISTANCE: **21.243**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 12 1000		.3	1	41302	4	1200	2700	170	10<	4<	0.0	5.0	0.4
81 02 09 1000		.3	1	41314	4	1100	6200	216	56	4<	0.0	7.0	0.6
81 03 09 0935		.3	1	41326	6	290	980	120	4<	4<	3.0	11.0	0.6
81 04 13 0925		.3	1	41338	8	140C	6400	4	4<	4<	7.5	11.0	0.8
81 05 11 1003		.3	1	41350	6	18000	41000	600>	600>	28	10.5	6.0	2.3
81 06 08 0859		.3	1	41362	8	300I	8100	20I	30I	4<	18.0		1.6
81 08 13 1017		.3	1	41386	7	230C	24000>	10<	160	4<	22.5	10.0	1.6
81 09 08 1030		.3	1	41398	8	5000	14000	208	248	4<	19.0	6.5	0.8
81 09 13 0914		.3	1	41374	8	1800C	72000	300	352	36	23.5	8.5	1.5
81 10 13 1010		.3	1	41410	8	630C	4700	100	100	4<	10.0	11.5	1.5
81 11 10 0930		.3	1	41422	8	380C	3000	76	4	4<	4.0	7.0	1.2
81 12 07 0940		.3	1	41434	8	850	880	56	36	4<	3.0	9.0	0.5
MAXIMUM						**18000**	**72000**	**300**	**352**	**36**	**23.5**	**11.5**	**2.3**
ARITH MEAN						**2493**	**14542**	**127**	**123**	**32**	**12.1**	**8.4**	**1.1**
GEOM MEAN						**839**	**6101**	**79**	**65**	**32**	**9.4**	**8.1**	**1.0**
MINIMUM						**140**	**880**	**4**	**4**	**28**	**3.0**	**5.0**	**0.4**
STD DEV (GEOM *)						**4***	**4***	**4***	**4***	**1***	**8.0**	**2.3**	**0.6**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**8**	**2**	**10**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 12 1000		.3	1	0.126	0.117	0.265	0.900	0.055	6.600	6.920	0.635	7.555	448.0
81 02 09 1000		.3	1	0.126	0.102	0.455	1.170	0.059	6.790	7.304	0.715	8.019	435.3
81 03 09 0935		.3	1	0.065	0.050	0.160	0.650	0.036	8.700	8.896	0.490	9.386	367.4
81 04 13 0925		.3	1	0.047	0.018	0.045	0.610	0.047	6.600	6.692	0.565	7.257	377.8
81 05 11 1003		.3	1	0.084	0.041	0.205	1.090	0.080	6.200	6.485	0.885	7.370	336.3
81 06 08 0859		.3	1	0.085	0.051	0.015	0.750	0.065	2.400	2.480	0.735	3.215	301.4
81 08 13 1017		.3	1	0.054	0.014	0.015	0.660	0.003	0.050	0.068	0.645	0.713	281.2
81 09 08 1030		.3	1	0.099	0.059	0.015	0.840	0.040	9.000	9.055	0.825	9.880	423.3
81 09 13 0914		.3	1	0.147	0.105	0.030	0.820	0.041	3.500	3.571	0.790	4.361	353.6
81 10 13 1010		.3	1	0.220	0.093	0.050	0.620	0.030	9.500	9.580	0.570	10.150	425.6
81 11 10 0930		.3	1	0.034	0.022	0.005<	0.560	0.016	8.000	8.021	0.555	8.576	394.5
81 12 07 0940		3	1	0.040	0.031	0.010	0.520	0.030	9.000	9.040	0.510	9.550	452.2
MAXIMUM				**0.220**	**0.117**	**0.455**	**1.170**	**0.080**	**9.500**	**9.580**	**0.885**	**10.150**	**452.2**
ARITH MEAN				**0.094**	**0.059**	**0.115**	**0.766**	**0.042**	**6.362**	**6.509**	**0.660**	**7.169**	**383.0**
GEOM MEAN				**0.081**	**0.047**	**0.053**	**0.742**	**0.034**	**4.311**	**4.526**	**0.649**	**6.069**	**378.9**
MINIMUM				**0.034**	**0.014**	**0.010**	**0.520**	**0.003**	**0.050**	**0.068**	**0.490**	**0.713**	**281.2**
STD DEV (GEOM *)				**0.054**	**0.037**	**0.143**	**0.206**	**0.021**	**2.954**	**2.977**	**0.129**	**2.938**	**56.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 12 1000		.3	1	1.3	446.7	700.0	0.55	32.500	7.68
81 02 09 1000		.3	1	2.8	432.5	720.0	1.20	31.500	7.64
81 03 09 0935		.3	1	8.4	359.0	610.0	2.00	22.000	8.11
81 04 13 0925		.3	1	5.8	372.0	570.0	1.50	25.000	8.16
81 05 11 1003		.3	1	12.2	324.1	525.0	4.60	20.500	7.88
81 06 08 0859		.3	1	4.3	297.1	515.0	1.30	29.500	7.92
81 08 13 1017		.3	1	6.1	275.1	443.0	3.20	36.000	8.78
81 09 08 1030		.3	1	4.0	419.3	650.0	1.60	18.000	8.17
81 09 13 0914		.3	1	4.5	349.1	550.0	1.60	31.500	8.18
81 10 13 1010		.3	1	2.4	423.2	715.0	0.85	22.500	8.25
81 11 10 0930		.3	1	3.2	391.3	680.0	2.00	23.000	8.25
81 12 07 0940		.3	1	3.1	449.1	690.0	1.40	22.000	8.20
MAXIMUM				**12.2**	**449.1**	**720.0**	**4.60**	**36.000**	**8.78**
ARITH MEAN				**4.8**	**378.2**	**614.0**	**1.82**	**26.167**	**8.10**
GEOM MEAN				**4.1**	**373.8**	**607.3**	**1.57**	**25.597**	**8.10**
MINIMUM				**1.3**	**275.1**	**443.0**	**0.55**	**18.000**	**7.64**
STD DEV (GEOM *)				**3.0**	**58.7**	**92.1**	**1.10**	**5.746**	**0.30**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **BAYFIELD RIVER**
SAMPLE POINT: **AT HURON COUNTY ROAD 31 NORTH OF VARNA**
STATION TYPE: **RIVER FLOW GAUGE FED 02FF007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BAYFIELD RIVER**

STATION ID: **08-0040-008-02**
STORET CODE: **02 002 0370**

LAT: LONG: U.T.M: **17 0452400.0 4821925.0 4** REGION: **01** DISTANCE: **14.162**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 12 1020		.3	1	41303	4	0.478	1500	2400	110	90I	4<	0.0	9.0
81 02 09 1015		.3	1	41315	4	0.805	900I	23300	168	32	4<	0.5	5.5
81 03 09 0945		.3	1	41327	6	5.670	610C	3600	210	160	4<	3.0	11.5
81 04 13 0945		.3	1	41339	8	2.230	110C	8300	30I	10I	4<	8.5	11.5
81 05 11 1016		.3	1	41351	3	45.800	22000	50000	600>	600>	20	9.5	3.0
81 06 08 0915		.3	1	41363	5	1.160	1100	17000	10I	30I	4<	17.5	7.0
81 07 13 0930		.3	1	41375	8	0.231	1100C	40000	64	152	4<	24.0	10.0
81 08 13 1034		.3	1	41387	6	0.123	300C	24000>	92	68	4<	22.0	10.0
81 09 08 1045		.3	1	41399	6	5.430	4100	15000	128	240	4<	17.5	8.0
81 10 13 1031		.3	1	41411	8	3.690	480C	5100	44	40I	4<	10.0	6.0
81 11 10 0950		.3	1	41423	8	3.660	230C	3300	56	36	4<	4.0	7.0
81 12 07 0950		.3	1	41435	8	6.310	600	2300	132	48	4<	3.0	5.5
MAXIMUM						**45.800**	**22000**	**50000**	**210**	**240**	**20**	**24.0**	**11.5**
ARITH MEAN						**6.299**	**2752**	**15482**	**95**	**82**	**20**	**10.9**	**7.8**
GEOM MEAN						**1.969**	**873**	**9041**	**72**	**58**		**7.1**	**7.4**
MINIMUM						**0.123**	**110**	**2300**	**10**	**10**	**20**	**0.5**	**3.0**
STD DEV (GEOM *)						**12.639**	**4***	**3***	**2***	**3***		**8.2**	**2.6**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**11**	**11**	**1**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 12 1020		.3	1	0.4	0.064	0.057	0.105	0.640	0.028	6.200	6.333	0.535	6.868
81 02 09 1015		.3	1	3.1	0.206	0.059	0.215	1.640	0.041	6.710	6.966	1.425	8.391
81 03 09 0945		.3	1	0.5	0.054	0.036	0.070	0.590	0.026	7.900	7.996	0.520	8.516
81 04 13 0945		.3	1	0.4	0.023	0.005	0.020	0.490	0.026	5.770	5.816	0.470	6.286
81 05 11 1016		.3	1	2.6	0.116	0.034	0.215	1.560	0.088	10.200	10.503	1.345	11.848
81 06 08 0915		.3	1	4.1	0.104	0.002	0.025	1.170	0.026	2.700	2.751	1.145	3.896
81 07 13 0930		.3	1	0.9	0.093	0.002	0.015	0.780	0.017	2.300	2.332	0.765	3.097
81 08 13 1034		.3	1	1.4	0.016	0.001	0.015	0.480	0.009	0.780	0.804	0.465	1.269
81 09 08 1045		.3	1	0.7	0.102	0.052	0.010	0.890	0.029	8.400	8.439	0.880	9.319
81 10 13 1031		.3	1	2.0	0.025	0.015	0.010	0.990	0.011	9.500	9.521	0.980	10.501
81 11 10 0950		.3	1	1.1	0.018	0.008	0.005<	0.550	0.011	7.400	7.416	0.545	7.961
81 12 07 0950		.3	1	1.0	0.035	0.023	0.015	0.660	0.025	9.000	9.040	0.645	9.685
MAXIMUM				**4.1**	**0.206**	**0.059**	**0.215**	**1.640**	**0.088**	**10.200**	**10.503**	**1.425**	**11.848**
ARITH MEAN				**1.5**	**0.071**	**0.024**	**0.065**	**0.870**	**0.028**	**6.405**	**6.493**	**0.810**	**7.303**
GEOM MEAN				**1.1**	**0.053**	**0.012**	**0.033**	**0.798**	**0.023**	**5.306**	**5.388**	**0.749**	**6.341**
MINIMUM				**0.4**	**0.016**	**0.001**	**0.010**	**0.480**	**0.009**	**0.780**	**0.804**	**0.465**	**1.269**
STD DEV (GEOM *)				**1.2**	**0.056**	**0.022**	**0.080**	**0.400**	**0.021**	**3.025**	**3.060**	**0.344**	**3.171**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 1020		.3	1	414.5	2.4	412.1	640.0	0.85	25.500	7.76
81 02 09 1015		.3	1	478.1	55.2	422.9	670.0	21.00	25.500	7.70
81 03 09 0945		.3	1	397.8	37.7	360.1	590.0	7.70	19.500	8.12
81 04 13 0945		.3	1	368.9	2.6	366.3	550.0	1.00	24.500	8.26
81 05 11 1016		.3	1	392.8	39.5	353.3	545.0	21.00	18.000	7.88
81 06 08 0915		.3	1	437.6	51.6	385.0	476.0	2.00	19.000	7.80
81 07 13 0930		.3	1	334.0	3.1	330.9	472.0	1.70	17.500	8.27
81 08 13 1034		.3	1	271.9	3.7	268.2	412.0	1.60	14.000	8.34
81 09 08 1045		.3	1	420.0	6.4	413.6	635.0	2.30	17.500	8.32
81 10 13 1031		.3	1	388.8	4.5	384.3	695.0	1.50	20.000	8.12
81 11 10 0950		.3	1	396.3	1.0	395.3	670.0	0.65	20.000	8.28
81 12 07 0950		.3	1	447.6	3.1	444.5	675.0	1.70	21.500	8.21
MAXIMUM				**478.1**	**55.2**	**444.5**	**695.0**	**21.00**	**25.500**	**8.34**
ARITH MEAN				**395.7**	**17.6**	**378.0**	**585.8**	**5.25**	**20.208**	**8.09**
GEOM MEAN				**392.0**	**7.4**	**375.1**	**578.4**	**2.50**	**19.926**	**8.09**
MINIMUM				**271.9**	**1.0**	**268.2**	**412.0**	**0.65**	**14.000**	**7.70**
STD DEV (GEOM *)				**54.0**	**21.5**	**47.3**	**94.2**	**7.58**	**3.519**	**0.24**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BAYFIELD RIVER**
SAMPLE POINT: **AT FIRST CONCESSION WEST OF SEAFORTH**
STATION TYPE: **RIVER FLOW GAUGE FED 02FF007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BAYFIELD RIVER**

STATION ID: **08-0040-009-02**
STORET CODE: **02 002 0370**

LAT | LONG: | U.T.M: **17 0465200.0 4821300.0 4** | REGION **01** | DISTANCE: **45.382**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 12 0918		.3	1	41301	4	0.478	32000	33000	260	350	4<	0.5	5.0
81 02 09 0855		.3	1	41313	4	0.805	470	1660	70I	600	4<	0.0	9.0
81 03 09 0850		.3	1	41325	6	5.670	1340C	3200	340	370	4<	2.5	10.5
81 04 13 0850		.3	1	41337	8	2.230	3700	15000	380	30I	8	7.5	11.0
81 05 11 0914		.3	1	41349	3	45.800	2200	15000	1500>	960	12	9.5	5.5
81 06 08 0829		.3	1	41361	8	1.160	1900	23000	200I	320	4<	18.0	
81 07 13 0847		.3	1	41373	8	0.231	2800C	118000	740	570	4	23.5	7.5
81 08 13 0915		.3	1	41385	6	0.123	2200	12000	540	250	4<	24.0	9.0
81 09 08 1000		.3	1	41397	6	5.430	13000	240000	430	580	20	19.0	7.0
81 10 13 0950		.3	1	41409	8	3.690	1100	6300	80I	110	4<	10.0	6.5
81 11 10 0910		.3	1	41421	8	3.660	440	2300	40	12	8	3.0	11.5
81 12 07 0920		.3	1	41433	8	6.310	200	830	76	16	4<	3.0	7.5
MAXIMUM						**45.800**	**32000**	**240000**	**740**	**960**	**20**	**24.0**	**11.5**
ARITH MEAN						**6.299**	**5112**	**39191**	**287**	**347**	**10**	**11.0**	**8.2**
GEOM MEAN						**1.969**	**1914**	**11154**	**199**	**181**	**9**	**6.8**	**7.9**
MINIMUM						**0.123**	**200**	**830**	**40**	**12**	**4**	**0.5**	**5.0**
STD DEV (GEOM *)						**12.639**	**4***	**5***	**3***	**5***	**2***	**8.7**	**2.2**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**12**	**5**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 12 0918		.3	1	1.6	0.170	0.058	0.300	1.240	0.057	6.700	7.057	0.940	7.997
81 02 09 0855		.3	1	0.8	0.114	0.091	0.585	1.470	0.059	6.590	7.234	0.885	8.119
81 03 09 0850		.3	1	0.6	0.072	0.050	0.245	0.840	0.031	9.200	9.476	0.595	10.071
81 04 13 0850		.3	1	8.2	0.230	0.033	2.580	4.000	0.054	4.350	6.984	1.420	8.404
81 05 11 0914		.3	1	3.6	0.290	0.080	0.470	2.350	0.193	9.200	9.863	1.880	11.743
81 06 08 0829		.3	1	1.3	0.022	0.001	0.025	0.580	0.044	2.800	2.869	0.555	3.424
81 07 13 0847		.3	1	2.4	0.076	0.004	0.050	0.990	0.030	1.890	1.970	0.940	2.910
81 08 13 0915		.3	1	1.1	0.029	0.003	0.030	0.620	0.008	0.450	0.488	0.590	1.078
81 09 08 1000		.3	1	0.8	0.123	0.076	0.005	0.780	0.076	10.000	10.081	0.775	10.856
81 10 13 0950		.3	1	2.9	0.169	0.066	0.170	4.300	0.029	10.000	10.199	4.130	14.329
81 11 10 0910		.3	1	0.9	0.013	0.002	0.005<	0.510	0.023	7.500	7.528	0.505	8.033
81 12 07 0920		.3	1	0.7	0.035	0.023	0.010	0.480	0.023	9.600	9.633	0.470	10.103
MAXIMUM				**8.2**	**0.290**	**0.091**	**2.580**	**4.300**	**0.193**	**10.000**	**10.199**	**4.130**	**14.329**
ARITH MEAN				**2.1**	**0.112**	**0.041**	**0.406**	**1.513**	**0.052**	**6.523**	**6.948**	**1.140**	**8.089**
GEOM MEAN				**1.5**	**0.077**	**0.019**	**0.105**	**1.127**	**0.039**	**5.056**	**5.449**	**0.907**	**6.738**
MINIMUM				**0.6**	**0.013**	**0.001**	**0.005**	**0.480**	**0.008**	**0.450**	**0.488**	**0.470**	**1.078**
STD DEV (GEOM *)				**2.2**	**0.088**	**0.034**	**0.747**	**1.339**	**0.048**	**3.383**	**3.385**	**1.029**	**3.882**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 12 0918		.3	1	481.6	26.7	454.9	700.0	5.50	28.000	7.70
81 02 09 0855		.3	1	451.7	8.2	443.5	710.0	2.00	30.000	7.64
81 03 09 0850		.3	1	377.6	16.0	361.6	620.0	6.20	21.500	7.99
81 04 13 0850		.3	1	535.1	37.5	497.6	790.0	8.00	65.000	8.13
81 05 11 0914		.3	1	478.7	122.1	356.6	545.0	70.00	24.000	7.79
81 06 08 0829		.3	1	321.4	3.2	318.2	545.0	1.50	25.000	7.88
81 07 13 0847		.3	1	402.0	13.3	388.7	580.0	4.70	30.000	7.94
81 08 13 0915		.3	1	415.1	3.7	411.4	595.0	2.00	39.500	8.07
81 09 08 1000		.3	1	431.9	9.3	422.6	665.0	4.50	18.000	8.13
81 10 13 0950		.3	1	418.7	3.7	415.0	715.0	2.70	21.500	8.15
81 11 10 0910		.3	1	397.2	5.8	391.4	700.0	1.70	21.000	8.13
81 12 07 0920		.3	1	446.0	5.2	440.8	695.0	2.10	20.500	8.13
MAXIMUM				**535.1**	**122.1**	**497.6**	**790.0**	**70.00**	**65.000**	**8.15**
ARITH MEAN				**429.7**	**21.2**	**408.5**	**655.0**	**9.24**	**28.667**	**7.97**
GEOM MEAN				**426.4**	**10.8**	**405.8**	**650.8**	**4.11**	**26.829**	**7.97**
MINIMUM				**321.4**	**3.2**	**318.2**	**545.0**	**1.50**	**18.000**	**7.64**
STD DEV (GEOM *)				**55.2**	**33.4**	**48.9**	**77.0**	**19.25**	**12.858**	**0.18**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **BLYTH BROOK**
SAMPLE POINT: **AT SIDE ROAD, WEST OF BLYTH**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FE105**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-002-02**
STORET CODE: **02 002 0530**

LAT: LONG: U T M: **17 0464100.0 4843875.0 4** REGION: **01** DISTANCE: **51.015**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1320		.3	1	42010	4						0.0	18.0	0.3
81 02 02 1310		.3	1	42025	4	1200	2300	392	600>	4<	0.0	10.0	1.7
81 03 02 1335		.3	1	42041	3						2.0	10.5	0.3
81 04 01 1310		.3	1	42056	8	70I	380	30I	20I	4<	11.0	12.0	0.5
81 05 04 1300		.3	1	42071	8						9.0	15.0	0.4
81 06 01 1330		.3	1	42086	8	110	1800	4	20	4<	18.0	17.0	1.3
81 07 07 1325		.3	1	42101	8	220C	3500	28	16	4<	26.0	14.0	0.6
81 09 01 1205		.3	1	42131	8	460	1100	32	84	4<	21.5	7.0	0.9
81 10 05 1325		.3	1	42145	8						11.0	11.5	0.9
81 11 09 1330		.3	1	42161									1.0
81 12 01 1320		.3	1	42176	8	1900	4000	344	156	4	3.0	11.0	1.4
MAXIMUM						**1900**	**4000**	**392**	**156**	**4**	**26.0**	**18.0**	**1.7**
ARITH MEAN						**660**	**2180**	**138**	**59**	**4**	**12.7**	**12.6**	**0.8**
GEOM MEAN						**348**	**1701**	**49**	**38**		**9.5**	**12.2**	**0.7**
MINIMUM						**70**	**380**	**4**	**16**	**4**	**2.0**	**7.0**	**0.3**
STD DEV (GEOM *)						**4***	**2***	**6***	**3***		**8.5**	**3.4**	**0.5**
# SAMPLES (IN STATISTICS)						**6**	**6**	**6**	**5**	**1**	**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1320		.3	1	0.032	0.016	0.190	0.840	0.042	7.000	7.232	0.650	7.882	376.9
81 02 02 1310		.3	1	0.038	0.023	0.235	0.790	0.031	7.500	7.766	0.555	8.321	418.2
81 03 02 1335		.3	1	0.059	0.035	0.055	0.640	0.023	8.400	8.478	0.585	9.063	276.6
81 04 01 1310		.3	1	0.033	0.011	0.010	0.600	0.018	7.530	7.558	0.590	8.148	367.7
81 05 04 1300		.3	1	0.016	0.001	0.015	0.550	0.024	1.350	1.389	0.535	1.924	300.6
81 06 01 1330		.3	1	0.020	0.005	0.015	0.760	0.023	5.480	5.518	0.745	6.263	320.8
81 07 07 1325		.3	1	0.033	0.004	0.030	0.770	0.041	5.310	5.381	0.740	6.121	324.7
81 09 01 1205		.3	1	0.038	0.010	0.035	0.890	0.028	2.170	2.233	0.855	3.088	357.9
81 10 05 1325		.3	1	0.023	0.009	0.005	0.680	0.019	11.600	11.624	0.675	12.299	435.3
81 11 09 1330		.3	1	0.017	0.004	0.005	0.710	0.019	6.300	6.324	0.705	7.029	417.0
81 12 01 1320		.3	1	0.027	0.010	0.020	0.680	0.017	6.900	6.937	0.660	7.597	435.8
MAXIMUM				**0.059**	**0.035**	**0.235**	**0.890**	**0.042**	**11.600**	**11.624**	**0.855**	**12.299**	**435.8**
ARITH MEAN				**0.031**	**0.012**	**0.056**	**0.719**	**0.026**	**6.322**	**6.404**	**0.663**	**7.067**	**366.5**
GEOM MEAN				**0.028**	**0.008**	**0.025**	**0.712**	**0.025**	**5.512**	**5.597**	**0.657**	**6.389**	**362.5**
MINIMUM				**0.016**	**0.001**	**0.005**	**0.550**	**0.017**	**1.350**	**1.389**	**0.535**	**1.924**	**276.6**
STD DEV (GEOM *)				**0.012**	**0.010**	**0.079**	**0.103**	**0.009**	**2.820**	**2.830**	**0.095**	**2.808**	**55.9**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1320		.3	1	12.6	364.3	630.0	1.20	17.500	7.75
81 02 02 1310		.3	1	12.4	405.8	670.0	3.10	24.500	7.78
81 03 02 1335		.3	1	6.9	269.7	476.0	5.30	12.000	7.93
81 04 01 1310		.3	1	24.7	343.0	530.0	6.80	13.500	8.27
81 05 04 1300		.3	1	4.8	295.8	525.0	1.30	14.000	8.29
81 06 01 1330		.3	1	2.4	318.4	462.0	0.90	13.500	8.38
81 07 07 1325		.3	1	7.7	317.0	452.0	4.50	15.000	8.17
81 09 01 1205		.3	1	4.1	353.8	510.0	1.90	22.500	8.10
81 10 05 1325		.3	1	9.5	425.8	705.0	1.90	19.000	8.14
81 11 09 1330		.3	1	2.2	414.8	630.0	0.75	14.000	8.33
81 12 01 1320		.3	1	3.4	432.4	678.0	1.70	31.000	8.14
MAXIMUM				**24.7**	**432.4**	**705.0**	**6.80**	**31.000**	**8.38**
ARITH MEAN				**8.2**	**368.3**	**569.8**	**2.67**	**17.864**	**8.12**
GEOM MEAN				**6.4**	**354.3**	**562.8**	**2.09**	**17.099**	**8.11**
MINIMUM				**2.2**	**269.7**	**452.0**	**0.75**	**12.000**	**7.75**
STD DEV (GEOM *)				**6.6**	**56.5**	**94.2**	**2.01**	**5.916**	**0.21**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **MAITLAND RIVER**
SAMPLE POINT: **HWY 86 2 MILES N-W OF WINGHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02FE005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-003-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0471550.0 4860150.0 4** REGION: **01** DISTANCE: **77.246**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1555		.3	1	42014	4	3.300						0.0	11.0
81 02 02 1525		.3	1	42029	4	2.950	11000	7400	600>	224	4	0.0	9.0
81 03 02 1555		.3	1	42044	3	20.200						1.0	10.5
81 04 01 1530		.3	1	42059	8	17.100	340	1580	188	84	4<	11.0	9.0
81 05 04 1525		.3	1	42074	8	3.230						16.0	12.0
81 06 01 1530		.3	1	42089	8	2.750	30I	28000	16	4<	4<	20.0	12.5
81 07 07 1525		.3	1	42104	8	1.860	10C	4000	4	4	4<	29.0	9.5
81 08 04 1530		.3	1	42119	8	1.010						25.0	9.0
81 09 01 1505		.3	1	42134	8	9.730	2300	11000	208	152	4<	23.0	7.5
81 10 05 1530		.3	1	42149	8	4.830						11.5	10.5
81 11 09 1535		.3	1	42164		4.830							
81 12 01 1550		.3	1	42179	8	7.190	190	860	68	56	4<	3.0	11.0
MAXIMUM						**20.200**	**11000**	**28000**	**208**	**224**	**4**	**29.0**	**12.5**
ARITH MEAN						**6.582**	**2312**	**8807**	**97**	**104**	**4**	**15.5**	**10.1**
GEOM MEAN						**4.608**	**281**	**4810**	**44**	**58**		**10.8**	**10.0**
MINIMUM						**1.010**	**10**	**860**	**4**	**4**	**4**	**1.0**	**7.5**
STD DEV (GEOM *)						**6.148**	**14***	**4***	**5***	**5***		**9.7**	**1.5**
# SAMPLES (IN STATISTICS)						**12**	**6**	**6**	**5**	**5**	**1**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1555		.3	1	0.6	0.042	0.005	0.250	1.160	0.036	5.640	5.926	0.910	6.836
81 02 02 1525		.3	1	1.2	0.044	0.025	0.175	0.760	0.021	4.180	4.376	0.585	4.961
81 03 02 1555		.3	1	0.3	0.063	0.038	0.085	0.730	0.029	6.000	6.114	0.645	6.759
81 04 01 1530		.3	1	1.2	0.052	0.007	0.035	0.880	0.030	3.970	4.035	0.845	4.880
81 05 04 1525		.3	1	0.7	0.022	0.002	0.010	0.520	0.015	3.180	3.205	0.510	3.715
81 06 01 1530		.3	1	1.4	0.026	0.003	0.010	0.550	0.014	1.830	1.854	0.540	2.394
81 07 07 1525		.3	1	0.9	0.047	0.005	0.060	0.790	0.014	0.800	0.874	0.730	1.604
81 08 04 1530		.3	1	1.0	0.035	0.010	0.040	0.670	0.010	0.350	0.400	0.630	1.030
81 09 01 1505		.3	1	1.0	0.039	0.003	0.025	0.920	0.024	1.620	1.669	0.895	2.564
81 10 05 1530		.3	1	0.9	0.019	0.005	0.005	0.820	0.012	5.900	5.917	0.815	6.732
81 11 09 1535		.3	1	1.0	0.013	0.002	0.005<	0.810	0.010	4.100	4.115	0.805	4.920
81 12 01 1550		.3	1	2.0	0.029	0.014	0.020	0.720	0.019	5.200	5.239	0.700	5.939
MAXIMUM				**2.0**	**0.063**	**0.038**	**0.250**	**1.160**	**0.036**	**6.000**	**6.114**	**0.910**	**6.836**
ARITH MEAN				**1.0**	**0.036**	**0.010**	**0.065**	**0.777**	**0.019**	**3.564**	**3.644**	**0.717**	**4.361**
GEOM MEAN				**0.9**	**0.033**	**0.006**	**0.034**	**0.761**	**0.018**	**2.749**	**2.846**	**0.705**	**3.772**
MINIMUM				**0.3**	**0.013**	**0.002**	**0.005**	**0.520**	**0.010**	**0.350**	**0.400**	**0.510**	**1.030**
STD DEV (GEOM *)				**0.4**	**0.015**	**0.011**	**0.078**	**0.169**	**0.009**	**2.003**	**2.032**	**0.137**	**2.070**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1555		.3	1	1133.4	44.1	1089.3	1890.0	10.00	395.000	8.12
81 02 02 1525		.3	1	438.2	15.5	422.7	660.0	1.40	19.000	7.83
81 03 02 1555		.3	1	315.5	7.0	308.5	510.0	3.70	14.500	7.96
81 04 01 1530		.3	1	351.7	9.5	342.2	510.0	5.40	12.500	8.23
81 05 04 1525		.3	1	328.3	5.3	323.0	545.0	1.20	13.500	8.41
81 06 01 1530		.3	1	330.9	6.0	324.9	472.0	2.60	14.000	8.54
81 07 07 1525		.3	1	320.8	7.3	313.5	461.0	3.00	16.500	8.43
81 08 04 1530		.3	1	284.9	5.3	279.6	420.0		18.000	8.49
81 09 01 1505		.3	1	385.1	12.6	372.5	520.0	4.00	17.500	8.15
81 10 05 1530		.3	1	454.6	5.7	448.9	675.0	0.80	17.500	8.36
81 11 09 1535		.3	1	418.8	1.5	417.3	645.0	0.55	16.500	8.39
81 12 01 1550		.3	1	434.8	1.5	433.3	639.0	1.20	21.000	8.14
MAXIMUM				**1133.4**	**44.1**	**1089.3**	**1890.0**	**10.00**	**395.000**	**8.54**
ARITH MEAN				**433.1**	**10.1**	**423.0**	**662.2**	**3.08**	**47.958**	**8.25**
GEOM MEAN				**401.3**	**6.8**	**392.9**	**603.6**	**2.19**	**21.170**	**8.25**
MINIMUM				**284.9**	**1.5**	**279.6**	**420.0**	**0.55**	**12.500**	**7.83**
STD DEV (GEOM *)				**227.6**	**11.4**	**217.2**	**395.9**	**2.76**	**109.317**	**0.22**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**12**	**12**

B.O.W./ SITE: **MAITLAND RIVER**
SAMPLE POINT: **ONE MILE NORTH EAST OF WROXETER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-004-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0487150.0 4857075.0 4** REGION: **01** DISTANCE: **100.420**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 0815		.3	1	42000	4						0.0	9.5	0.3
81 02 02 0815		.3	1	42015	4	180	1630	30I	68	4<	0.0	10.0	1.3
81 03 02 0840		.3	1	42030	3						0.0	11.0	0.5
81 04 01 0825		.3	1	42045	8	260	2500	76	80I	4<	8.0	9.5	0.8
81 05 04 0810		.3	1	42060	8	190	2400	4	4<	4<	10.5	8.5	0.7
81 06 01 0830		.3	1	42075	8	250	2100	36	4	4<	15.0	8.5	1.4
81 07 07 0825		.3	1	42090	8	130>	6000	64	16	4<	22.0	5.5	1.0
81 08 04 0815		.3	1	42105	8						22.0	6.0	1.0
81 09 01 0835		.3	1	42120	8	2400	6000	188	440	4<	20.0	7.0	1.1
81 10 05 0850		.3	1	42135	8						9.0	10.5	0.9
81 11 09 0855		.3	1	42150									0.9
81 12 01 0830		.3	1	42165	8	40I	780	36	80I	4<	1.0	11.5	0.8
MAXIMUM						**2400**	**6000**	**188**	**440**		**22.0**	**11.5**	**1.4**
ARITH MEAN						**553**	**3059**	**62**	**115**		**13.4**	**8.9**	**0.9**
GEOM MEAN						**244**	**2480**	**39**	**48**		**10.1**	**8.6**	**0.8**
MINIMUM						**40**	**780**	**4**	**4**		**1.0**	**5.5**	**0.3**
STD DEV (GEOM *)						**4***	**2***	**3***	**5***		**7.6**	**2.0**	**0.3**
# SAMPLES (IN STATISTICS)						**6**	**7**	**7**	**6**		**8**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 0815		.3	1	0.028	0.009	0.115	0.760	0.023	3.730	3.868	0.645	4.513	436.4
81 02 02 0815		.3	1	0.030	0.014	0.080	0.670	0.019	3.630	3.729	0.590	4.319	419.6
81 03 02 0840		.3	1	0.056	0.033	0.075	0.710	0.025	4.700	4.800	0.635	5.435	297.8
81 04 01 0825		.3	1	0.043	0.012	0.020	0.820	0.014	2.900	2.934	0.800	3.734	323.6
81 05 04 0810		.3	1	0.018	0.003	0.035	0.630	0.022	2.180	2.237	0.595	2.832	304.8
81 06 01 0830		.3	1	0.023	0.007	0.050	0.710	0.026	1.910	1.986	0.660	2.646	350.6
81 07 07 0825		.3	1	0.034	0.006	0.105	0.750	0.030	1.370	1.505	0.645	2.150	334.9
81 08 04 0815		.3	1	0.020	0.006	0.050	0.720	0.032	0.850	0.932	0.670	1.602	303.4
81 09 01 0835		.3	1	0.048	0.009	0.080	0.990	0.048	2.600	2.728	0.910	3.638	335.6
81 10 05 0850		.3	1	0.011	0.001<	0.005	0.770	0.005	3.150	3.160	0.765	3.925	405.3
81 11 09 0855		.3	1	0.038	0.015	0.015	0.690	0.009	3.440	3.464	0.675	4.139	401.7
81 12 01 0830		.3	1	0.028	0.012	0.020	0.790	0.011	3.900	3.931	0.770	4.701	380.3
MAXIMUM				**0.056**	**0.033**	**0.115**	**0.990**	**0.048**	**4.700**	**4.800**	**0.910**	**5.435**	**436.4**
ARITH MEAN				**0.031**	**0.011**	**0.054**	**0.751**	**0.022**	**2.863**	**2.939**	**0.697**	**3.636**	**357.8**
GEOM MEAN				**0.029**	**0.010**	**0.040**	**0.746**	**0.019**	**2.606**	**2.698**	**0.691**	**3.449**	**354.8**
MINIMUM				**0.011**	**0.003**	**0.005**	**0.630**	**0.005**	**0.850**	**0.932**	**0.590**	**1.602**	**297.8**
STD DEV (GEOM *)				**0.013**	**0.008**	**0.037**	**0.092**	**0.012**	**1.125**	**1.120**	**0.095**	**1.125**	**48.9**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 06 0815		.3	1	16.0	420.4	790.0	0.90	65.000	7.80
81 02 02 0815		.3	1	13.7	405.9	680.0	2.20	25.500	7.52
81 03 02 0840		.3	1	5.5	292.3	488.0	2.30	11.500	8.01
81 04 01 0825		.3	1	9.2	314.4	460.0	4.20	11.000	8.10
81 05 04 0810		.3	1	5.2	299.6	535.0	0.80	12.500	8.10
81 06 01 0830		.3	1	5.8	344.8	510.0	1.30	13.000	8.22
81 07 07 0825		.3	1	4.2	330.7	510.0	2.40	15.000	7.94
81 08 04 0815		.3	1	3.9	299.5	434.0	1.50	15.500	8.13
81 09 01 0835		.3	1	2.5	333.1	486.0	2.70	13.500	7.91
81 10 05 0850		.3	1	2.5	402.8	630.0	0.55	15.000	8.33
81 11 09 0855		.3	1	2.7	399.0	625.0	0.75	16.000	8.24
81 12 01 0830		.3	1	3.9	376.4	570.0	1.50	14.000	8.22
MAXIMUM				**16.0**	**420.4**	**790.0**	**4.20**	**65.000**	**8.33**
ARITH MEAN				**6.3**	**351.6**	**559.8**	**1.76**	**18.958**	**8.04**
GEOM MEAN				**5.2**	**348.7**	**551.7**	**1.49**	**16.329**	**8.04**
MINIMUM				**2.5**	**292.3**	**434.0**	**0.55**	**11.000**	**7.52**
STD DEV (GEOM *)				**4.4**	**47.0**	**103.9**	**1.05**	**14.970**	**0.23**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **LITTLE MAITLAND RIVER**
SAMPLE POINT: **HWY.23 3 MILES S-W OF PALMERSTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-006-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0509060.0 4851090.0 4** REGION: **01** DISTANCE: **131.963**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT DEM. MG/L AS O
81 01 06 0920		.3	1	42002	4						0.0	5.5	2.2
81 02 02 0915		.3	1	42017	4	42000>	35000	19600>	1500>	36	0.0	4.5	4.4
81 03 02 0920		.3	1	42032	8						2.0	9.0	0.7
81 04 01 0900		.3	1	42047	8	18800>	21400	1500>	550	4	7.0	8.0	1.5
81 05 04 0855		.3	1	42062	8	46000	80000	7600	840	40	8.5	8.5	6.4
81 06 01 0910		.3	1	42077	8	206000>	170000	8000	390	28	15.5	8.0	9.6
81 07 07 0915		.3	1	42092	9.0	3100	12100	600I	210	4	19.5	5.5	14.0>
81 08 04 0855		.3	1	42107	5.8.0						18.0	3.0	12.8
81 09 01 0915		.3	1	42122	8	18200>	17000	600>	600>	36	18.0	3.0	6.2
81 10 05 0930		.3	1	42137	8						10.0	4.5	3.0
81 11 09 1030		.3	1	42152									2.4
81 12 01 0915		.3	1	42167	8	22100>	17800	1500>	720	12	2.5	8.0	3.4
MAXIMUM						**46000**	**170000**	**8000**	**840**	**40**	**19.5**	**9.0**	**12.8**
ARITH MEAN						**24550**	**50471**	**5400**	**542**	**23**	**11.2**	**6.1**	**4.8**
GEOM MEAN						**11942**	**32377**	**3317**	**486**	**16**	**8.7**	**5.7**	**3.6**
MINIMUM						**3100**	**12100**	**600**	**210**	**4**	**2.0**	**3.0**	**0.7**
STD DEV (GEOM *)						**7***	**3***	**4***	**2***	**3***	**6.8**	**2.2**	**3.7**
# SAMPLES (IN STATISTICS)						**2**	**7**	**3**	**5**	**7**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 0920		.3	1	0.960	0.790	3.750	5.700	0.045	2.000	5.795	1.950	7.745	496.4
81 02 02 0915		.3	1	0.880	0.750	4.100	5.200	0.068	1.870	6.038	1.100	7.138	508.2
81 03 02 0920		.3	1	0.095	0.072	0.285	0.950	0.090	4.800	5.175	0.665	5.840	350.0
81 04 01 0900		.3	1	0.255	0.181	0.715	1.360	0.066	3.100	3.881	0.645	4.526	458.2
81 05 04 0855		.3	1	1.070	0.950	3.520	4.400	0.114	1.750	5.384	0.880	6.264	504.8
81 06 01 0910		.3	1	1.420	1.240	0.005	1.700	4.150	2.800	6.955	1.695	8.650	516.6
81 07 07 0915		.3	1	2.350	1.730	4.400		1.420	0.300	6.120			532.0
81 08 04 0855		.3	1	2.700	1.950	1.450	3.000	3.300	1.200	5.950	1.550	7.500	488.8
81 09 01 0915		.3	1	0.650	0.580		1.140	0.240	2.000			3.380	589.9
81 10 05 0930		.3	1	0.530	0.520	1.880	2.500	0.120	2.180	4.180	0.620	4.800	520.4
81 11 09 1030		.3	1	0.475	0.430	1.800	2.950	0.083	3.000	4.883	1.150	6.033	511.0
81 12 01 0915		.3	1	0.310	0.200	0.695	1.390	0.069	3.930	4.694	0.695	5.389	480.9
MAXIMUM				**2.700**	**1.950**	**4.400**	**5.700**	**4.150**	**4.800**	**6.955**	**1.950**	**8.650**	**589.9**
ARITH MEAN				**0.975**	**0.783**	**2.055**	**2.754**	**0.814**	**2.411**	**5.369**	**1.095**	**6.115**	**496.4**
GEOM MEAN				**0.681**	**0.552**	**0.983**	**2.311**	**0.208**	**2.035**	**5.295**	**1.005**	**5.920**	**493.2**
MINIMUM				**0.095**	**0.072**	**0.005**	**0.950**	**0.045**	**0.300**	**3.881**	**0.620**	**3.380**	**350.0**
STD DEV (GEOM *)				**0.819**	**0.598**	**1.617**	**1.683**	**1.424**	**1.207**	**0.917**	**0.485**	**1.562**	**56.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**11**	**12**	**12**	**11**	**10**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 06 0920		.3	1	16.0	480.4	820.0	1.50	43.500	7.60
81 02 02 0915		.3	1	6.6	501.6	820.0	1.10	50.000	7.51
81 03 02 0920		.3	1	6.2	343.8	590.0	1.70	26.000	7.67
81 04 01 0900		.3	1	5.2	453.0	680.0	1.40	36.000	7.75
81 05 04 0855		.3	1	6.9	497.9	845.0	1.80	58.500	7.61
81 06 01 0910		.3	1	5.3	511.3	865.0	0.80	57.500	7.76
81 07 07 0915		.3	1	10.4	521.6	875.0	5.10	64.500	7.57
81 08 04 0855		.3	1	6.5	482.3	800.0	3.30	62.500	7.22
81 09 01 0915		.3	1	5.1	584.8	825.0	3.40	38.000	7.60
81 10 05 0930		.3	1	4.0	516.4	825.0	0.75	37.000	7.79
81 11 09 1030		.3	1	2.3	508.7	835.0	0.85	47.000	7.78
81 12 01 0915		.3	1	4.7	476.2	765.0	1.50	36.500	7.89
MAXIMUM				**16.0**	**584.8**	**875.0**	**5.10**	**64.500**	**7.89**
ARITH MEAN				**6.6**	**489.8**	**795.4**	**1.93**	**46.417**	**7.65**
GEOM MEAN				**5.9**	**486.5**	**791.0**	**1.61**	**44.869**	**7.64**
MINIMUM				**2.3**	**343.8**	**590.0**	**0.75**	**26.000**	**7.22**
STD DEV (GEOM *)				**3.5**	**56.2**	**82.4**	**1.33**	**12.282**	**0.17**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MAITLAND RIVER**
SAMPLE POINT: **HIGHWAY 87, DOWNSTREAM FROM HARRISTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-007-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0508600.0 4860950.0 4** REGION: **02** DISTANCE: **134.859**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 0900		.3	1	42001	4						0.0	9.0	0.3
81 02 02 0855		.3	1	42016	4	2800	7800	80I	2000	4<	0.0	9.5	1.0
81 03 02 0900		.3	1	42031	3						0.0	10.5	0.7
81 04 01 0845		.3	1	42046	8	16500>	9200	1010	460	4<	8.0	8.5	2.6
81 05 04 0850		.3	1	42061	8	1700	3100	250	40I	4<	10.0	8.0	0.7
81 06 01 0855		.3	1	42076	8	2100C	39000	220	104	4<	14.0	8.5	1.4
81 07 07 0850		.3	1	42091	8	320C	24000>	70I	8	4<	22.5	6.0	1.1
81 08 04 0835		.3	1	42106	8						21.0	5.0	1.1
81 09 01 0900		.3	1	42121	8	18000>	15000	600>	552	8	19.5	6.5	1.3
81 10 05 0910		.3	1	42136	8						10.0	8.0	1.0
81 11 09 1030		.3	1	42151									1.0
81 12 01 0855		.3	1	42166	8	800I	3200	320	180	4<	0.5	12.0	0.9
MAXIMUM						**2800**	**39000**	**1010**	**2000**	**8**	**22.5**	**12.0**	**2.6**
ARITH MEAN						**1544**	**12883**	**325**	**478**	**8**	**13.2**	**8.3**	**1.1**
GEOM MEAN						**1207**	**8642**	**215**	**163**		**9.2**	**8.1**	**1.0**
MINIMUM						**320**	**3100**	**70**	**8**	**8**	**0.5**	**5.0**	**0.3**
STD DEV (GEOM *)						**2***	**3***	**3***	**6***		**7.5**	**2.0**	**0.6**
# SAMPLES (IN STATISTICS)						**5**	**6**	**6**	**7**	**1**	**8**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 0900		.3	1	0.046	0.019	0.130	0.820	0.024	2.680	2.834	0.690	3.524	434.2
81 02 02 0855		.3	1	0.052	0.027	0.145	0.720	0.016	2.730	2.891	0.575	3.466	425.6
81 03 02 0900		.3	1	0.118	0.099	0.215	0.800	0.019	3.900	4.134	0.585	4.719	303.9
81 04 01 0845		.3	1	0.560	0.490	0.640	1.650	0.015	2.600	3.255	1.010	4.265	366.6
81 05 04 0850		.3	1	0.037	0.006	0.065	0.530	0.014	1.050	1.129	0.465	1.594	370.6
81 06 01 0855		.3	1	0.049	0.008	0.045	0.630	0.013	0.610	0.668	0.585	1.253	356.6
81 07 07 0850		.3	1	0.048	0.015	0.055	0.740	0.029	0.570	0.654	0.685	1.339	391.4
81 08 04 0835		.3	1	0.170	0.151	0.040	0.570	0.056	0.060	0.156	0.530	0.686	469.8
81 09 01 0900		.3	1	0.130	0.047	0.090	1.590	0.048	2.800	2.938	1.500	4.438	432.7
81 10 05 0910		.3	1	0.032	0.010	0.045	0.770	0.017	2.830	2.892	0.725	3.617	447.0
81 11 09 1030		.3	1	0.039	0.016	0.025	0.660	0.012	2.490	2.527	0.635	3.162	430.0
81 12 01 0855		.3	1	0.025	0.012	0.025	0.690	0.010	3.790	3.825	0.665	4.490	383.4
MAXIMUM				**0.560**	**0.490**	**0.640**	**1.650**	**0.056**	**3.900**	**4.134**	**1.500**	**4.719**	**469.8**
ARITH MEAN				**0.109**	**0.075**	**0.127**	**0.847**	**0.023**	**2.176**	**2.325**	**0.721**	**3.046**	**401.0**
GEOM MEAN				**0.068**	**0.028**	**0.077**	**0.792**	**0.020**	**1.492**	**1.726**	**0.685**	**2.618**	**398.3**
MINIMUM				**0.025**	**0.006**	**0.025**	**0.530**	**0.010**	**0.060**	**0.156**	**0.465**	**0.686**	**303.9**
STD DEV (GEOM *)				**0.149**	**0.138**	**0.171**	**0.371**	**0.015**	**1.280**	**1.327**	**0.280**	**1.442**	**47.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 06 0900		.3	1	33.8	400.4	690.0	4.50	15.000	7.73
81 02 02 0855		.3	1	17.0	408.6	690.0	2.90	15.000	7.59
81 03 02 0900		.3	1	8.2	295.7	498.0	3.00	12.000	8.00
81 04 01 0845		.3	1	10.5	356.1	530.0	3.20	18.000	7.88
81 05 04 0850		.3	1	8.2	362.4	595.0	2.70	11.500	8.00
81 06 01 0855		.3	1	13.0	343.6	535.0	3.50	9.000	8.15
81 07 07 0850		.3	1	2.1	389.3	580.0	2.00	10.500	7.97
81 08 04 0835		.3	1	2.5	467.3	650.0	1.40	12.000	7.77
81 09 01 0900		.3	1	26.9	405.8	590.0	9.70	18.000	7.84
81 10 05 0910		.3	1	15.5	431.5	675.0	1.60	16.000	8.05
81 11 09 1030		.3	1	6.6	423.4	655.0	2.00	13.000	8.15
81 12 01 0855		.3	1	4.9	378.5	599.0	2.40	15.000	8.13
MAXIMUM				**33.8**	**467.3**	**690.0**	**9.70**	**18.000**	**8.15**
ARITH MEAN				**12.4**	**388.5**	**607.2**	**3.24**	**13.750**	**7.94**
GEOM MEAN				**9.2**	**386.0**	**604.0**	**2.81**	**13.467**	**7.94**
MINIMUM				**2.1**	**295.7**	**498.0**	**1.40**	**9.000**	**7.59**
STD DEV (GEOM *)				**9.7**	**45.3**	**65.2**	**2.21**	**2.872**	**0.18**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **MIDDLE MAITLAND RIVER**
SAMPLE POINT: **HAMLET OF TROWBRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-009-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0497720.0 4841750.0 4** REGION: **01** DISTANCE: **140.975**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1020		.3	1	42006	4						0.0	6.5	2.7
81 02 02 1025		.3	1	42021	4	50I	350	20I	28	4<	0.0	8.0	1.2
81 03 02 1025		.3	1	42036	3						0.0	11.0	0.4
81 04 01 1010		.3	1	42051	8	1500>	1100	220	40	4<	10.0	9.5	2.5
81 05 04 1000		.3	1	42066	8	520C	2700	10<	10<	4<	11.5	10.0	1.1
81 06 01 1100		.3	1	42081	5 9	60I	1960	40	4<	4<	15.5	10.0	1.5
81 07 07 1020		.3	1	42096	8	10<	24000>	8	4	4<	25.0	8.0	2.2
81 08 04 1000		.3	1	42111	2 2 0						6.0	85.0	1.1
81 09 01 1015		.3	1	42126	8 5	500C	3500	80	88	4<	21.0	6.0	1.1
81 10 05 1025		.3	1	42141	5						10.0	10.0	1.0
81 11 09 1030		.3	1	42156									0.7
81 12 01 1030		.3	1	42171	8 5	4800	14700	200	216	4	1.0	10.5	3.1
	MAXIMUM					**4800**	**14700**	**220**	**216**	**4**	**25.0**	**85.0**	**3.1**
	ARITH MEAN					**1186**	**4052**	**95**	**75**	**4**	**12.5**	**15.9**	**1.5**
	GEOM MEAN					**327**	**2171**	**53**	**39**		**9.3**	**10.8**	**1.3**
	MINIMUM					**50**	**350**	**8**	**4**	**4**	**1.0**	**6.0**	**0.4**
	STD DEV (GEOM *)					**6***	**3***	**4***	**4***		**7.8**	**23.0**	**0.9**
	# SAMPLES (IN STATISTICS)					**5**	**6**	**6**	**5**	**1**	**8**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1020		.3	1	0.240	0.141	1.880	3.080	0.019	2.330	4.229	1.200	5.429	499.1
81 02 02 1025		.3	1	0.130	0.107	0.580	1.300	0.020	2.980	3.580	0.720	4.300	422.6
81 03 02 1025		.3	1	0.065	0.048	0.135	0.880	0.031	6.300	6.466	0.745	7.211	312.7
81 04 01 1010		.3	1	0.101	0.015	0.420	1.420	0.034	4.800	5.254	1.000	6.254	409.6
81 05 04 1000		.3	1	0.035	0.015	0.030	0.520	0.017	0.960	1.007	0.490	1.497	314.0
81 06 01 1100		.3	1	0.039	0.002	0.040	0.730	0.150	0.100	0.290	0.690	0.980	310.8
81 07 07 1020		.3	1	0.500	0.425	0.130	1.380	0.019	0.060	0.209	1.250	1.459	447.1
81 08 04 1000		.3	1	0.360	0.290	0.035	1.160	0.004	0.010<	0.049	1.125	1.174	535.6
81 09 01 1015		.3	1	0.190	0.166	0.065	1.060	0.075	1.030	1.170	0.995	2.165	385.5
81 10 05 1025		.3	1	0.052	0.040	0.010	0.720	0.020	4.100	4.130	0.710	4.840	438.8
81 11 09 1030		.3	1	0.045	0.023	0.005<	0.640	0.017	3.700	3.722	0.635	4.357	433.0
81 12 01 1030		.3	1	0.149	0.080	0.440	1.460	0.028	5.070	5.538	1.020	6.558	482.1
	MAXIMUM			**0.500**	**0.425**	**1.880**	**3.080**	**0.150**	**6.300**	**6.466**	**1.250**	**7.211**	**535.6**
	ARITH MEAN			**0.159**	**0.113**	**0.342**	**1.196**	**0.036**	**2.857**	**3.236**	**0.860**	**4.095**	**415.9**
	GEOM MEAN			**0.111**	**0.053**	**0.123**	**1.067**	**0.025**	**1.514**	**2.078**	**0.827**	**3.388**	**409.6**
	MINIMUM			**0.035**	**0.002**	**0.010**	**0.520**	**0.004**	**0.060**	**0.209**	**0.490**	**0.980**	**310.8**
	STD DEV (GEOM *)			**0.145**	**0.129**	**0.547**	**0.677**	**0.040**	**2.132**	**2.214**	**0.246**	**2.236**	**74.2**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**11**	**12**	**12**	**11**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1020		.3	1	9.2	489.9	820.0	1.40	53.500	7.63
81 02 02 1025		.3	1	5.7	416.9	690.0	1.40	26.500	7.82
81 03 02 1025		.3	1	5.2	307.5	472.0	2.20	17.000	8.00
81 04 01 1010		.3	1	5.4	404.2	590.0	1.70	28.000	8.06
81 05 04 1000		.3	1	3.6	310.4	540.0	0.65	24.500	8.16
81 06 01 1100		.3	1	1.9	308.9	488.0	0.30	33.500	8.29
81 07 07 1020		.3	1	4.2	442.9	705.0	1.60	69.000	8.20
81 08 04 1000		.3	1	1.9	533.7	855.0	0.72	96.500	8.38
81 09 01 1015		.3	1	2.2	383.3	605.0	1.10	44.500	8.06
81 10 05 1025		.3	1	2.1	436.7	705.0	0.35	32.000	8.25
81 11 09 1030		.3	1	1.7	431.3	700.0	0.65	28.000	8.18
81 12 01 1030		.3	1	5.0	475.1	750.0	2.20	43.000	8.10
	MAXIMUM			**9.2**	**533.7**	**855.0**	**2.20**	**96.500**	**8.38**
	ARITH MEAN			**4.0**	**411.7**	**660.0**	**1.19**	**41.333**	**8.09**
	GEOM MEAN			**3.5**	**405.4**	**649.2**	**0.99**	**36.878**	**8.09**
	MINIMUM			**1.7**	**307.5**	**472.0**	**0.30**	**17.000**	**7.63**
	STD DEV (GEOM *)			**2.2**	**73.6**	**122.7**	**0.67**	**22.501**	**0.21**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **DRAINAGE DITCH**
SAMPLE POINT: **AT SIDE RD.3-4 1MI.WEST OF MILVERTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-010-02**
STORET CODE: **02 002 0530**

LAT. LONG. U T M: **17 0504600.0 4824275.0 4** REGION: **01** DISTANCE: **153.688**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1100		.3	1	42005	4						0.0	10.5	2.7
81 02 02 1105		.3	1	42020	4	500I	700	1000	2600	4<	0.0	10.0	0.8
81 03 02 1100		.3	1	42035	8						3.0	9.5	0.5
81 04 01 1045		.3	1	42050	8	1400	7400	300I	1600	4<	9.0	8.5	1.4
81 05 04 1030		.3	1	42065	8	530	900	40I	10<	8	10.0	8.0	0.6
81 06 01 1050		.3	1	42080	8	3800	8000	450	240	4<	14.5	14.5	3.6
81 07 07 1050		.3	1	42095	8	4200C	240000>	250	270	4<	22.0	5.5	4.8
81 08 04 1035		.3	1	42110	8						22.0	7.0	4.0
81 09 01 1040		.3	1	42125	8	34000>	100000	600>	600>	24	20.0	5.5	4.0
81 10 05 1100		.3	1	42140	8						12.0	9.5	0.6
81 11 09 1105		.3	1	42155									1.6
81 12 01 1110		.3	1	42170	8	3900	1500	240	280	4<	4.5	4.5	118.0
	MAXIMUM					**4200**	**100000**	**1000**	**2600**	**24**	**22.0**	**14.5**	**118.0**
	ARITH MEAN					**2388**	**19750**	**380**	**998**	**16**	**13.0**	**8.5**	**11.9**
	GEOM MEAN					**1688**	**4213**	**262**	**596**	**14**	**10.8**	**8.0**	**2.4**
	MINIMUM					**500**	**700**	**40**	**240**	**8**	**3.0**	**4.5**	**0.5**
	STD DEV (GEOM *)					**3***	**6***	**3***	**3***	**2***	**7.2**	**2.8**	**33.5**
	# SAMPLES (IN STATISTICS)					**6**	**6**	**6**	**5**	**2**	**9**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1100		.3	1	0.800	0.535	1.980	2.540	0.156	2.440	4.576	0.560	5.136	812.5
81 02 02 1105		.3	1	0.130	0.100	0.185	1.060	0.021	7.380	7.586	0.875	8.461	475.6
81 03 02 1100		.3	1	0.170	0.107	0.155	0.830	0.026	9.600	9.781	0.675	10.456	443.8
81 04 01 1045		.3	1	0.205	0.070	0.095	0.650	0.022	10.100	10.217	0.555	10.772	536.8
81 05 04 1030		.3	1	0.045	0.006	0.010	0.560	0.025	8.030	8.065	0.550	8.615	458.8
81 06 01 1050		.3	1	0.375	0.154	0.300	1.250	1.650	7.220	9.170	0.950	10.120	543.4
81 07 07 1050		.3	1	0.990	0.810	0.240	1.210	0.500	0.700	1.440	0.970	2.410	509.9
81 08 04 1035		.3	1	1.460	1.180	0.005	0.730	0.194	0.280	0.479	0.725	1.204	521.6
81 09 01 1040		.3	1	1.070	0.150	0.290	1.720	0.075	6.600	6.965	1.430	8.395	394.8
81 10 05 1100		.3	1	0.047	0.031	0.005<	0.670	0.012	10.200	10.217	0.665	10.882	470.2
81 11 09 1105		.3	1	0.780	0.670	0.040	0.870	0.041	10.100	10.181	0.830	11.011	499.7
81 12 01 1110		.3	1	7.400	2.100	10.000	18.200	0.110	4.700	14.810	8.200	23.010	6894.6
	MAXIMUM			**7.400**	**2.100**	**10.000**	**18.200**	**1.650**	**10.200**	**14.810**	**8.200**	**23.010**	**6894.6**
	ARITH MEAN			**1.123**	**0.493**	**1.209**	**2.524**	**0.238**	**6.448**	**7.791**	**1.415**	**9.206**	**1046.8**
	GEOM MEAN			**0.414**	**0.191**	**0.164**	**1.262**	**0.075**	**4.469**	**5.932**	**0.933**	**7.438**	**629.9**
	MINIMUM			**0.045**	**0.006**	**0.005**	**0.560**	**0.012**	**0.280**	**0.479**	**0.550**	**1.204**	**394.8**
	STD DEV (GEOM *)			**2.031**	**0.629**	**2.969**	**4.968**	**0.466**	**3.629**	**4.018**	**2.151**	**5.476**	**1844.4**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1100		.3	1	17.0	795.5	1350.0	3.50	220.000	7.74
81 02 02 1105		.3	1	17.9	457.7	790.0	1.90	45.000	8.06
81 03 02 1100		.3	1	16.4	427.4	750.0	8.50	61.500	7.85
81 04 01 1045		.3	1	12.8	524.0	770.0	6.50	58.000	7.86
81 05 04 1030		.3	1	8.3	450.5	780.0	2.20	54.500	8.22
81 06 01 1050		.3	1	9.4	534.0	815.0	2.30	73.000	8.28
81 07 07 1050		.3	1	25.6	484.3	810.0	21.00	78.000	7.79
81 08 04 1035		.3	1	51.5	470.1	775.0	32.00	79.500	7.87
81 09 01 1040		.3	1	129.5	255.000	392.0	120.00	24.000	7.61
81 10 05 1100		.3	1	2.2	468.0	760.0	0.65	22.500	7.73
81 11 09 1105		.3	1	5.6	494.1	810.0	2.20	34.500	7.97
81 12 01 1110		.3	1	341.8	6552.8	4120.0	125.00	230.000	3.98
	MAXIMUM			**341.8**	**6552.8**	**4120.0**	**125.00**	**230.000**	**8.28**
	ARITH MEAN			**53.2**	**992.7**	**1076.8**	**27.15**	**81.708**	**7.58**
	GEOM MEAN			**19.8**	**588.5**	**889.2**	**7.40**	**62.758**	**7.47**
	MINIMUM			**2.2**	**255.000**	**392.0**	**0.65**	**22.500**	**3.98**
	STD DEV (GEOM *)			**97.3**	**1755.0**	**980.6**	**45.52**	**69.630**	**1.15**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./SITE: **MIDDLE MAITLAND RIVER**
SAMPLE POINT: **HIGHWAY 23, DOWNSTREAM FROM LISTOWEL**
STATION TYPE: **RIVER FLOW GAUGE FED 02FE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-013-02**
STORET CODE: **02 002 0530**

LAT LONG: U T M: **17 0502160.0 4841350.0 4** REGION: **01** DISTANCE: **147.090**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1005		.3	1	42004	4	0.197						0.0	9.5
81 02 02 1005		.3	1	42019	4	0.182	1600	8000	230	600>	4<	0.0	9.0
81 03 02 1005		.3	1	42034	3	1.850						0.5	10.5
81 04 01 0955		.3	1	42049	8	1.510	2100	9600	350	240	4<	9.0	10.0
81 05 04 0945		.3	1	42064	8	0.260	1200	26000	70I	10I	4	12.0	11.0
81 06 01 0955		.3	1	42079	8	0.092	560C	5000	32	12	12	15.0	10.5
81 07 07 1005		.3	1	42094	8	0.031	210C	24000>	96	8	12	22.0	7.5
81 08 04 0945		.3	1	42109	8 9	0.021						19.0	6.5
81 09 01 1000		.3	1	42124	8	0.327	6100	13000	368	600>	4<	20.0	4.5
81 10 05 1015		.3	1	42139	8	0.308						10.0	10.0
81 11 09 1020		.3	1	42154		0.341							
81 12 01 1010		.3	1	42169	8	1.170	970C	3700	140	70I	4<	1.0	11.0
MAXIMUM						**1.850**	**6100**	**26000**	**368**	**240**	**12**	**22.0**	**11.0**
ARITH MEAN						**0.524**	**1820**	**10883**	**184**	**68**	**9**	**12.1**	**9.1**
GEOM MEAN						**0.251**	**1159**	**8849**	**137**	**28**	**8**	**7.4**	**8.8**
MINIMUM						**0.021**	**210**	**3700**	**32**	**8**	**4**	**0.5**	**4.5**
STD DEV (GEOM *)						**0.621**	**3***	**2***	**2***	**4***	**2***	**7.8**	**2.1**
# SAMPLES (IN STATISTICS)						**12**	**7**	**6**	**7**	**5**	**3**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1005		.3	1	2.1	0.104	0.021	0.230	1.120	0.018	2.320	2.568	0.890	3.458
81 02 02 1005		.3	1	1.5	0.099	0.047	0.540	1.070	0.021	2.180	2.741	0.530	3.271
81 03 02 1005		.3	1	0.3	0.067	0.047	0.140	0.750	0.024	6.100	6.264	0.610	6.874
81 04 01 0955		.3	1	0.8	0.052	0.023	0.025	0.750	0.022	5.400	5.447	0.725	6.172
81 05 04 0945		.3	1	0.6	0.108	0.069	0.035	0.560	0.015	1.040	1.090	0.525	1.615
81 06 01 0955		.3	1	1.5	0.157	0.068	0.020	0.580	0.015	0.160	0.195	0.560	0.755
81 07 07 1005		.3	1	1.7	0.230	0.138	0.100	0.870	0.018	0.080	0.198	0.770	0.968
81 08 04 0945		.3	1	1.6	0.630	0.240	0.030	0.620	0.138	0.060	0.228	0.590	0.818
81 09 01 1000		.3	1	1.9	0.174	0.099	0.150	1.210	0.089	1.450	1.689	1.060	2.749
81 10 05 1015		.3	1	0.6	0.066	0.049	0.020	0.660	0.024	3.600	3.644	0.640	4.284
81 11 09 1020		.3	1	0.5	0.045	0.016	0.020	0.620	0.014	3.340	3.374	0.600	3.974
81 12 01 1010		.3	1	1.4	0.048	0.032	0.035	0.740	0.016	5.580	5.631	0.705	6.336
MAXIMUM				**2.1**	**0.630**	**0.240**	**0.540**	**1.210**	**0.138**	**6.100**	**6.264**	**1.060**	**6.874**
ARITH MEAN				**1.2**	**0.148**	**0.071**	**0.112**	**0.796**	**0.034**	**2.609**	**2.756**	**0.684**	**3.439**
GEOM MEAN				**1.0**	**0.107**	**0.052**	**0.059**	**0.770**	**0.025**	**1.238**	**1.594**	**0.669**	**2.680**
MINIMUM				**0.3**	**0.045**	**0.016**	**0.020**	**0.560**	**0.014**	**0.060**	**0.195**	**0.525**	**0.755**
STD DEV (GEOM *)				**0.6**	**0.162**	**0.064**	**0.151**	**0.223**	**0.039**	**2.201**	**2.183**	**0.160**	**2.188**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1005		.3	1	385.5	26.6	358.9	650.0	0.80	26.500	7.62
81 02 02 1005		.3	1	466.2	4.2	462.0	770.0	1.30	55.000	7.71
81 03 02 1005		.3	1	321.7	6.0	315.7	530.0	2.30	18.500	7.96
81 04 01 0955		.3	1	398.2	13.5	384.7	540.0	3.50	20.500	8.09
81 05 04 0945		.3	1	324.0	3.1	320.9	555.0	0.65	23.500	8.26
81 06 01 0955		.3	1	343.8	2.5	341.3	452.0	0.70	27.500	8.19
81 07 07 1005		.3	1	326.2	5.1	321.2	520.0	2.40	27.500	7.94
81 08 04 0945		.3	1	336.9	3.8	333.1	565.0	2.00	50.500	7.84
81 09 01 1000		.3	1	364.4	8.2	356.2	540.0	6.50	37.000	7.82
81 10 05 1015		.3	1	428.9	2.6	426.3	675.0	0.75	30.500	8.19
81 11 09 1020		.3	1	416.9	23.4	393.5	655.0	9.40	22.500	8.31
81 12 01 1010		.3	1	406.6	3.3	403.3	645.0	1.70	21.500	8.16
MAXIMUM				**466.2**	**26.6**	**462.0**	**770.0**	**9.40**	**55.000**	**8.31**
ARITH MEAN				**376.6**	**8.5**	**368.1**	**591.4**	**2.67**	**30.083**	**8.01**
GEOM MEAN				**373.9**	**6.0**	**365.5**	**585.6**	**1.83**	**28.361**	**8.00**
MINIMUM				**321.7**	**2.5**	**315.7**	**452.0**	**0.65**	**18.500**	**7.62**
STD DEV (GEOM *)				**47.6**	**8.3**	**46.4**	**87.8**	**2.68**	**11.726**	**0.23**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MIDDLE MAITLAND RIVER**
SAMPLE POINT: **HALF MILE NORTH EAST OF LISTOWEL**
STATION TYPE: **RIVER FLOW GAUGE FED 02FE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-014-02**
STORET CODE: **02 002 0530**

LAT: LONG: U T M: **17 0505110.0 4842425.0 4** REGION: **01** DISTANCE: **159.803**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 0950		.3	1	42003	4	0.197						0.0	8.5
81 02 02 0950		.3	1	42018	4	0.182	490	1290	50I	450	4	0.0	8.0
81 03 02 0955		.3	1	42033	8	1.850						0.0	10.5
81 04 01 0940		.3	1	42048	8	1.510	880C	3700	150	50I	4<	8.0	8.0
81 05 04 0930		.3	1	42063	8	0.260	230	2000	40I	10I	4	10.0	7.5
81 06 01 0945		.3	1	42078	8	0.092	380C	7000	128	4<	4<	15.5	8.0
81 07 07 0950		.3	1	42093	8	0.031	1300	4500	72	4	4<	25.5	6.5
81 08 04 0930		.3	1	42108	8	0.021						22.5	5.0
81 09 01 0950		.3	1	42123	8	0.327	3800	18000	216	144	20	20.0	3.0
81 10 05 1000		.3	1	42138	8	0.308						10.0	7.0
81 11 09 1005		.3	1	42153		0.341							
81 12 01 0955		.3	1	42168	8	1.170	470C	4900	360	130	4	0.5	10.0
MAXIMUM						**1.850**	**3800**	**18000**	**360**	**450**	**20**	**25.5**	**10.5**
ARITH MEAN						**0.524**	**1079**	**5913**	**145**	**131**	**8**	**14.0**	**7.5**
GEOM MEAN						**0.251**	**706**	**4285**	**112**	**51**	**6**	**9.6**	**7.1**
MINIMUM						**0.021**	**230**	**1290**	**40**	**4**	**4**	**0.5**	**3.0**
STD DEV (GEOM *)						**0.621**	**3***	**2***	**2***	**6***	**2***	**8.4**	**2.1**
# SAMPLES (IN STATISTICS)						**12**	**7**	**7**	**7**	**6**	**4**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 0950		.3	1	0.3	0.068	0.042	0.475	1.180	0.015	2.730	3.220	0.705	3.925
81 02 02 0950		.3	1	2.8	0.049	0.003	0.535	1.840	0.055	7.140	7.730	1.305	9.035
81 03 02 0955		.3	1	0.5	0.133	0.043	0.135	0.740	0.023	6.400	6.558	0.605	7.163
81 04 01 0940		.3	1	0.6	0.045	0.015	0.025	0.770	0.022	5.800	5.847	0.745	6.592
81 05 04 0930		.3	1	0.7	0.024	0.004	0.015	0.480	0.016	1.370	1.401	0.465	1.866
81 06 01 0945		.3	1	2.8	0.032	0.004	0.025	0.770	0.017	0.260	0.302	0.745	1.047
81 07 07 0950		.3	1	3.1	0.087	0.012	0.470	1.600	0.032	0.120	0.622	1.130	1.752
81 08 04 0930		.3	1	1.7	0.078	0.014	0.140	1.160	0.003	0.010<	0.153	1.020	1.173
81 09 01 0950		.3	1	1.1	0.128	0.080	0.080	1.220	0.104	1.260	1.444	1.140	2.584
81 10 05 1000		.3	1	0.8	0.044	0.024	0.035	0.810	0.027	3.700	3.762	0.775	4.537
81 11 09 1005		.3	1	0.7	0.020	0.005	0.010	0.660	0.014	3.400	3.424	0.650	4.074
81 12 01 0955		.3	1	1.3	0.060	0.030	0.065	0.820	0.018	5.890	5.973	0.755	6.728
MAXIMUM				**3.1**	**0.133**	**0.080**	**0.535**	**1.840**	**0.104**	**7.140**	**7.730**	**1.305**	**9.035**
ARITH MEAN				**1.4**	**0.064**	**0.023**	**0.167**	**1.004**	**0.029**	**3.461**	**3.662**	**0.820**	**4.482**
GEOM MEAN				**1.1**	**0.055**	**0.014**	**0.076**	**0.936**	**0.021**	**2.063**	**2.536**	**0.786**	**3.712**
MINIMUM				**0.3**	**0.020**	**0.003**	**0.010**	**0.480**	**0.003**	**0.120**	**0.302**	**0.465**	**1.047**
STD DEV (GEOM *)				**1.0**	**0.037**	**0.023**	**0.202**	**0.404**	**0.027**	**2.545**	**2.567**	**0.258**	**2.600**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 0950		.3	1	396.0	8.3	387.7	650.0	1.50	20.500	7.68
81 02 02 0950		.3	1	732.8	36.2	696.6	1100.0	3.90	49.500	7.47
81 03 02 0955		.3	1	313.1	4.5	308.6	520.0	2.20	14.000	7.90
81 04 01 0940		.3	1	390.2	11.8	378.4	530.0	2.90	14.500	7.95
81 05 04 0930		.3	1	325.8	3.2	322.6	563.0	0.55	18.500	7.90
81 06 01 0945		.3	1	317.5	3.3	314.2	503.0	1.50	20.000	7.92
81 07 07 0950		.3	1	319.2	5.9	313.3	510.0	2.00	38.500	7.77
81 08 04 0930		.3	1	382.4	6.5	375.9	610.0	2.80	69.000	7.85
81 09 01 0950		.3	1	419.0	2.2	416.8	605.0	1.50	36.000	7.79
81 10 05 1000		.3	1	428.8	4.8	424.0	675.0	0.60	24.500	7.94
81 11 09 1005		.3	1	407.6	4.3	403.3	665.0	0.75	19.000	8.05
81 12 01 0955		.3	1	405.5	6.6	398.9	640.0	2.70	17.500	8.07
MAXIMUM				**732.8**	**36.2**	**696.6**	**1100.0**	**3.90**	**69.000**	**8.07**
ARITH MEAN				**403.2**	**8.1**	**395.0**	**630.9**	**1.91**	**28.458**	**7.86**
GEOM MEAN				**392.3**	**5.9**	**386.3**	**616.6**	**1.61**	**24.992**	**7.86**
MINIMUM				**313.1**	**2.2**	**308.6**	**503.0**	**0.55**	**14.000**	**7.47**
STD DEV (GEOM *)				**112.3**	**9.2**	**104.0**	**160.3**	**1.04**	**16.807**	**0.16**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W. / SITE: **SOUTH MAITLAND RIVER**
SAMPLE POINT: **HIGHWAY 4, LONDESBOROUGH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-015-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0461000.0 4837710.0 4** REGION: **01** DISTANCE: **43.451**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1345	.3		1	42011	4						0.0	8.0	0.5
81 02 02 1330	.3		1	42026	4	40I	210	30I	64	4<	0.0	8.0	1.4
81 03 02 1350	.3		1	42040	3						1.0	10.0	0.3
81 04 01 1325	.3		1	42055	8	1170	1950	110	70I	4<	11.5	11.0	0.6
81 05 04 1310	.3		1	42070	8						11.0	12.0	0.6
81 06 01 1345	.3		1	42085	8	1060C	2400	48	4<	4<	19.0	11.5	1.9
81 07 07 1340	.3		1	42100	8	30I	1520	4<	20	4<	26.0	8.0	1.0
81 09 01 1320	.3		1	42130	8	14000C	17000	600>	600>	16	23.5	7.5	1.5
81 10 05 1345	.3		1	42146	8						11.0	9.5	0.6
81 11 09 1350	.3		1	42160									1.1
81 12 01 1335	.3		1	42175	8	130	920	16	124	4	3.5	11.0	1.4
MAXIMUM						**14000**	**17000**	**110**	**124**	**16**	**26.0**	**12.0**	**1.9**
ARITH MEAN						**2738**	**4000**	**51**	**69**	**10**	**13.3**	**9.6**	**1.0**
GEOM MEAN						**373**	**1691**	**40**	**58**	**8**	**9.3**	**9.5**	**0.9**
MINIMUM						**30**	**210**	**16**	**20**	**4**	**1.0**	**7.5**	**0.3**
STD DEV (GEOM *)						**11***	**4***	**2***	**2***	**3***	**8.9**	**1.7**	**0.5**
# SAMPLES (IN STATISTICS)						**6**	**6**	**4**	**4**	**2**	**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1345	.3		1	0.036	0.019	0.095	0.800	0.024	5.280	5.399	0.705	6.104	368.0
81 02 02 1330	.3		1	0.031	0.018	0.165	0.790	0.030	6.320	6.515	0.625	7.140	388.5
81 03 02 1350	.3		1	0.068	0.036	0.235	0.810	0.027	5.500	5.762	0.575	6.337	266.0
81 04 01 1325	.3		1	0.034	0.015	0.015	0.490	0.017	4.080	4.112	0.475	4.587	321.7
81 05 04 1310	.3		1	0.022	0.001	0.005	0.640	0.019	4.400	4.424	0.635	5.059	322.3
81 06 01 1345	.3		1	0.040	0.015	0.015	0.670	0.035	3.110	3.160	0.655	3.815	343.8
81 07 07 1340	.3		1	0.044	0.013	0.055	0.610	0.082	1.420	1.557	0.555	2.112	331.9
81 09 01 1320	.3		1	0.104	0.056	0.115	0.590	0.085	1.820	2.020	0.475	2.495	344.8
81 10 05 1345	.3		1	0.020	0.012	0.010	0.690	0.025	7.200	7.235	0.680	7.915	444.6
81 11 09 1350	.3		1	0.011	0.001	0.005	0.610	0.013	8.400	8.418	0.605	9.023	389.6
81 12 01 1335	.3		1	0.020	0.007	0.010	0.610	0.029	9.170	9.209	0.600	9.809	407.8
MAXIMUM				**0.104**	**0.056**	**0.235**	**0.810**	**0.085**	**9.170**	**9.209**	**0.705**	**9.809**	**444.6**
ARITH MEAN				**0.039**	**0.018**	**0.066**	**0.665**	**0.035**	**5.155**	**5.256**	**0.599**	**5.854**	**357.2**
GEOM MEAN				**0.033**	**0.010**	**0.029**	**0.658**	**0.029**	**4.483**	**4.622**	**0.594**	**5.287**	**354.1**
MINIMUM				**0.011**	**0.001**	**0.005**	**0.490**	**0.013**	**1.420**	**1.557**	**0.475**	**2.112**	**266.0**
STD DEV (GEOM *)				**0.026**	**0.016**	**0.078**	**0.101**	**0.025**	**2.516**	**2.489**	**0.075**	**2.521**	**49.1**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 06 1345	.3		1	13.3	354.7	615.0	1.50	14.500	7.71
81 02 02 1330	.3		1	6.0	382.5	620.0	2.20	14.000	7.85
81 03 02 1350	.3		1	7.5	258.5	456.0	3.90	11.500	7.87
81 04 01 1325	.3		1	8.3	313.4	447.0	3.50	9.500	8.25
81 05 04 1310	.3		1	5.4	316.9	520.0	1.60	11.500	8.49
81 06 01 1345	.3		1	4.8	339.0	507.0	1.30	11.500	8.59
81 07 07 1340	.3		1	3.0	328.9	476.0	1.50	9.000	8.54
81 09 01 1320	.3		1	10.5	334.3	488.0	7.40	14.500	8.02
81 10 05 1345	.3		1	3.1	441.5	690.0	0.80	18.000	8.26
81 11 09 1350	.3		1	2.4	387.2	650.0	0.85	19.000	8.22
81 12 01 1335	.3		1	3.2	404.6	655.0	2.70	17.000	8.18
MAXIMUM				**13.3**	**441.5**	**690.0**	**7.40**	**19.000**	**8.59**
ARITH MEAN				**6.1**	**351.0**	**556.7**	**2.48**	**13.636**	**8.18**
GEOM MEAN				**5.3**	**347.7**	**550.2**	**1.99**	**13.258**	**8.18**
MINIMUM				**2.4**	**258.5**	**447.0**	**0.80**	**9.000**	**7.71**
STD DEV (GEOM *)				**3.5**	**50.4**	**89.9**	**1.92**	**3.362**	**0.29**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MAITLAND RIVER**
SAMPLE POINT: **AT HIGHWAY 21 GODERICH**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-023-83**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0442600.0 4844450.0 4** REGION: **01** DISTANCE: **2.736**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNTKUR*	*NNO2FR*
81 02 03 1054		.3	1	40007	6	48	16	0.0	10.3	0.010	0.003	0.620	0.020
81 02 27 1243		.3	1	41008	6			2.5	9.0	0.074	0.048	0.980	0.030
81 03 02 1015		.3	1	40015	6	176	600>	1.0	5.5	0.232	0.220	0.760	0.020
81 03 20 1235		.3	1	41014	6			3.5	14.0	0.014	0.007	0.430	0.009
81 04 01 1250		.3	1	41018	6	16	40	13.0	13.2	0.030	0.001	0.800	0.015
81 04 06 0931		.3	1	40031	6	4	4<	8.0	15.7	0.010	0.001	0.580	0.013
81 04 23 1300		.3	1	41024	6	4<	110	12.0	10.0	0.020	0.003	0.700	0.011
81 05 05 1035		.3	1	40047	6			15.0	12.0	0.015	0.001	0.560	0.015
81 06 01 1025		.3	1	40063	6			17.4	11.2	0.008	0.001	0.480	0.007
81 07 07 1050		.3	1	40079	6			18.8	11.0	0.019	0.001	0.720	0.008
81 08 05 1330		.3	1	40110	6			20.2	11.4	0.019	0.001	0.580	0.004
81 09 14		.3	1	40111	6			21.2	9.5	0.010	0.001<	0.690	0.014
81 10 05		.3	1	40126	6			10.5	10.4	0.016	0.002	0.820	0.011
81 11 02		.3	1	40142	6			9.0	12.6	0.008	0.001	0.610	0.009
81 12 07 1100		.3	1	40158	6			2.1	12.8	0.011	0.002	0.630	0.012
MAXIMUM						**176**	**110**	**21.2**	**15.7**	**0.232**	**0.220**	**0.980**	**0.030**
ARITH MEAN						**61**	**55**	**11.0**	**11.2**	**0.033**	**0.021**	**0.664**	**0.013**
GEOM MEAN						**27**	**41**	**8.0**	**11.0**	**0.018**	**0.003**	**0.650**	**0.012**
MINIMUM						**4**	**16**	**1.0**	**5.5**	**0.008**	**0.001**	**0.430**	**0.004**
STD DEV (GEOM *)						**5***	**3***	**7.0**	**2.4**	**0.057**	**0.059**	**0.141**	**0.006**
# SAMPLES (IN STATISTICS)						**4**	**3**	**14**	**15**	**15**	**14**	**15**	**15**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	ALK TOTAL MG/L AS CACO3	PH	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*NNO3FR*	*NNKI*	*RSP*	*RSF*	*ALKT*	*PH*	*ASUT*	*HGUT*	*CRUT*	*CUUT*
81 02 03 1054		.3	1	4.300	4.940	3.50	456.70	274.0	7.96	0.001<	0.07 <	0.007	0.007
81 02 27 1243		.3	1	6.300	7.310	12.00	279.40	163.0	7.98	0.001<	0.05	0.003	0.002
81 03 02 1015		.3	1	6.500	7.280	12.00	306.60	193.0	8.15	0.001<	0.090	0.004	0.002
81 03 20 1235		.3	1	5.340	5.779	2.30	548.70	238.0	8.29	0.001<	0.040<	0.002 <	0.003
81 04 01 1250		.3	1	3.530	4.345	6.40	302.30	200.0	8.49	0.001<	0.040<	0.002 <	0.003
81 04 06 0931		.3	1	3.990	4.583	4.10	329.30	224.0	8.32	0.001<	0.040<	0.002 <	0.002
81 04 23 1300		.3	1	3.100	3.811	3.40	404.60	228.0	8.29	0.001<	0.060<	0.002 <	0.001<
81 05 05 1035		.3	1	3.480	4.055	1.80	487.60	220.0	8.38	0.001<	0.040<	0.002 <	0.002
81 06 01 1025		.3	1	1.970	2.457	0.40	538.4	185.0	8.49	0.001<		0.005	0.006
81 07 07 1050		.3	1	0.670	1.398	5.50	807.00	178.0	8.29	0.001<	0.100<	0.002 <	0.014
81 08 05 1330		.3	1	0.280	0.864	4.50	646.70	192.0	8.53	0.001<	0.07 <	0.100 <	0.007
81 09 14		.3	1	2.400	3.104	2.90	396.70	208.0	8.30	0.001<	0.06 <	0.0040	0.007
81 10 05		.3	1	7.300	8.131	7.20	446.00	265.0	8.39	0.001<	0.04 <	0.0030	0.004
81 11 02		.3	1	5.900	6.519	2.80	404.90	277.0	8.40	0.001<	0.06 <	0.0040	0.009
81 12 07 1100		.3	1	5.990	6.632	2.90	404.40	272.0	8.32	0.001<	0.02 <	0.004	0.008
MAXIMUM				**7.300**	**8.131**	**12.00**	**807.00**	**277.0**	**8.53**		**0.090**	**0.007**	**0.014**
ARITH MEAN				**4.070**	**4.747**	**4.78**	**450.6**	**221.1**	**8.31**		**0.07**	**0.004**	**0.005**
GEOM MEAN				**3.169**	**4.093**	**3.68**	**432.2**	**218.2**	**8.30**		**0.06**	**0.004**	**0.004**
MINIMUM				**0.280**	**0.864**	**0.40**	**279.40**	**163.0**	**7.96**		**0.05**	**0.003**	**0.002**
STD DEV (GEOM *)				**2.150**	**2.204**	**3.41**	**141.4**	**37.4**	**0.17**		**0.02**	**0.001**	**0.004**
# SAMPLES (IN STATISTICS)				**15**	**15**	**15**	**15**	**15**	**15**		**2**	**8**	**14**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*CDUT*	*ZNUT*	*NIUT*
81 02 03 1054		3	1	0.010	0.002	0.010	
81 02 27 1243		3	1	0.003<	0.0002<	0.018	
81 03 02 1015		3	1	0.003<	0.0002<	0.008	
81 03 20 1235		3	1	0.003<	0.0002<	0.005	
81 04 01 1250		3	1	0.003<	0.0005	0.013	
81 04 06 0931		3	1	0.003<	0.0004	0.009	
81 04 23 1300		3	1	0.003<	0.001 <	0.005	
81 05 05 1035		3	1	0.003<	0.0002<	0.001<	
81 06 01 1025		3	1	0.003<	0.0004	0.001	
81 07 07 1050		3	1	0.005	0.0002<	0.003	
81 08 05 1330		3	1	0.005<	0.001	0.030<	
81 09 14		3	1	0.003	0.0002	0.009	
81 10 05		3	1			0.004	0.0030
81 11 02		3	1	0.004	0.0004	0.006	
81 12 07 1100		3	1	0.005	0.0002	0.005	0.003
MAXIMUM				**0.010**	**0.002**	**0.018**	**0.003**
ARITH MEAN				**0.005**	**0.000**	**0.007**	**0.003**
GEOM MEAN				**0.005**	**0.000**	**0.006**	**0.003**
MINIMUM				**0.003**	**0.0002**	**0.001**	**0.0030**
STD DEV (GEOM *)				**0.003**	**0.000**	**0.005**	**0.000**
# SAMPLES (IN STATISTICS)				**5**	**8**	**13**	**2**

B.O.W./ SITE: **MIDDLE MAITLAND RIVER**
SAMPLE POINT: **0.7 MILES OF ETHEL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-026-02**
STORET CODE: **02 002 0530**

LAT LONG U T M: **17 0489775.0 4840350.0 4** REGION: **01** DISTANCE: **127.135**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 06 1135		.3	1	42007	4						0.0	9.0	1.5
81 02 02 1140		.3	1	42022	4	110	880	52	256	4<	0.0	6.0	0.9
81 03 02 1130		.3	1	42037	3						0.5	10.0	0.5
81 04 01 1110		.3	1	42052	8	1500>	4400	170	140	4<	10.0	10.0	1.5
81 05 04 1100		.3	1	42067	8	120	2300	20I	10<	4<	13.0	9.5	1.0
81 06 01 1125		.3	1	42082	5 8	130C	4100	52	8	4<	16.0	7.5	1.4
81 07 07 1130		.3	1	42097	8	230C	24000>	56	12	4<	25.5	5.5	1.1
81 09 01 1105		.3	1	42127	8	4100	9200	256	60	4<	20.5	5.0	1.6
81 10 05 1130		.3	1	42142	8						10.5	9.0	0.7
81 11 09 1135		.3	1	42157									0.4
81 12 01 1150		.3	1	42172	8	1240C	4800	524	220	4<	1.5	11.0	1.3
MAXIMUM						**4100**	**9200**	**524**	**256**		**25.5**	**11.0**	**1.6**
ARITH MEAN						**988**	**4280**	**161**	**116**		**12.2**	**8.2**	**1.1**
GEOM MEAN						**355**	**3424**	**95**	**60**		**7.4**	**8.0**	**1.0**
MINIMUM						**110**	**880**	**20**	**8**		**0.5**	**5.0**	**0.4**
STD DEV (GEOM *)						**4***	**2***	**3***	**4***		**8.6**	**2.1**	**0.4**
# SAMPLES (IN STATISTICS)						**6**	**6**	**7**	**6**		**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 06 1135		.3	1	0.150	0.093	0.860	1.940	0.034	3.420	4.314	1.080	5.394	484.0
81 02 02 1140		.3	1	0.138	0.102	0.745	1.700	0.061	3.690	4.496	0.955	5.451	478.4
81 03 02 1130		.3	1	0.123	0.051	0.135	0.900	0.039	8.300	8.474	0.765	9.239	354.2
81 04 01 1110		.3	1	0.089	0.034	0.105	0.980	0.069	7.100	7.274	0.875	8.149	457.4
81 05 04 1100		.3	1	0.040	0.006	0.020	0.800	0.029	4.220	4.269	0.780	5.049	377.4
81 06 01 1125		.3	1	0.051	0.016	0.040	0.870	0.034	1.060	1.134	0.830	1.964	386.2
81 07 07 1130		.3	1	0.133	0.089	0.085	0.930	0.029	0.280	0.394	0.845	1.239	338.3
81 09 01 1105		.3	1	0.196	0.143	0.225	1.780	0.153	2.200	2.578	1.555	4.133	467.6
81 10 05 1130		.3	1	0.055	0.039	0.010	0.870	0.028	9.000	9.038	0.860	9.898	513.8
81 11 09 1135		.3	1	0.033	0.020	0.005<	0.810	0.018	5.300	5.323	0.805	6.128	489.0
81 12 01 1150		.3	1	0.080	0.044	0.120	1.020	0.026	6.870	7.016	0.900	7.916	493.2
MAXIMUM				**0.196**	**0.143**	**0.860**	**1.940**	**0.153**	**9.000**	**9.038**	**1.555**	**9.898**	**513.8**
ARITH MEAN				**0.099**	**0.058**	**0.234**	**1.145**	**0.047**	**4.676**	**4.937**	**0.932**	**5.869**	**440.0**
GEOM MEAN				**0.085**	**0.042**	**0.105**	**1.083**	**0.039**	**3.386**	**3.737**	**0.913**	**5.046**	**435.6**
MINIMUM				**0.033**	**0.006**	**0.010**	**0.800**	**0.018**	**0.280**	**0.394**	**0.765**	**1.239**	**338.3**
STD DEV (GEOM *)				**0.053**	**0.043**	**0.307**	**0.433**	**0.038**	**2.902**	**2.845**	**0.225**	**2.790**	**63.0**
# SAMPLES (IN STATISTICS)				**11**	**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 06 1135		.3	1	21.3	462.7	770.0	2.40	32.500	7.55
81 02 02 1140		.3	1	5.8	472.6	750.0	2.10	23.000	7.69
81 03 02 1130		.3	1	21.6	332.6	570.0	10.00	14.000	7.87
81 04 01 1110		.3	1	23.8	433.6	610.0	9.50	18.500	7.96
81 05 04 1100		.3	1	10.1	367.3	610.0	3.80	17.000	8.09
81 06 01 1125		.3	1	7.2	379.0	555.0	2.80	22.500	8.01
81 07 07 1130		.3	1	5.4	332.9	525.0	3.50	29.000	8.25
81 09 01 1105		.3	1	11.6	456.0	625.0	10.00	34.000	7.82
81 10 05 1130		.3	1	5.8	508.0	780.0	4.50	22.500	8.13
81 11 09 1135		.3	1	3.5	485.5	755.0	2.30	19.500	8.17
81 12 01 1150		.3	1	5.8	487.4	738.0	4.00	26.000	8.18
MAXIMUM				**23.8**	**508.0**	**780.0**	**10.00**	**34.000**	**8.25**
ARITH MEAN				**11.1**	**428.9**	**662.5**	**4.99**	**23.500**	**7.97**
GEOM MEAN				**9.1**	**424.2**	**656.1**	**4.21**	**22.721**	**7.97**
MINIMUM				**3.5**	**332.6**	**525.0**	**2.10**	**14.000**	**7.55**
STD DEV (GEOM *)				**7.5**	**64.4**	**96.5**	**3.20**	**6.352**	**0.22**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **BELGRAVE CREEK**
SAMPLE POINT: **3RD.CONC.W.OF HWY.NO.4 S.OF CO.RD.NO.20**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-030-02**
STORET CODE: **02 002 0530**

LAT: LONG: U T M: **17 0464200.0 4851700.0 4** REGION: **01** DISTANCE: **59.222**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1300		.3	1	42009	4						0.0	11.0	0.6
81 02 02 1250		.3	1	42024	4	10<	700	4	20	4<	0.0	11.5	1.6
81 03 02 1315		.3	1	42039	3						1.0	11.5	0.2
81 04 01 1150		.3	1	42054	8	10<	350	4<	4<	4<	12.0	10.0	0.6
81 05 04 1140		.3	1	42069	8						14.0	10.5	0.2
81 06 01 1205		.3	1	42084	8	230	2000	20	40	4<	15.0	10.5	1.0
81 07 07 1300		.3	1	42099	8	10I	660	12	4	4<	23.5	9.5	0.6
81 09 01 1150		.3	1	42129	8	2300	8000	400	600>	4<	20.5	9.0	0.8
81 10 05 1305		.3	1	42144	8						10.5	10.5	0.7
81 11 09 1310		.3	1	42159									0.9
81 12 01 1300		.3	1	42174	8	100	640	12	32	4<	2.5	11.5	0.8
MAXIMUM						**2300**	**8000**	**400**	**40**		**23.5**	**11.5**	**1.6**
ARITH MEAN						**660**	**2058**	**90**	**24**		**12.4**	**10.5**	**0.7**
GEOM MEAN						**152**	**1088**	**22**	**18**		**8.7**	**10.5**	**0.6**
MINIMUM						**10**	**350**	**4**	**4**		**1.0**	**9.0**	**0.2**
STD DEV (GEOM *)						**9***	**3***	**6***	**3***		**7.8**	**0.9**	**0.4**
# SAMPLES (IN STATISTICS)						**4**	**6**	**5**	**4**		**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC -MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1300		.3	1	0.048	0.002	0.065	1.220	0.025	6.530	6.620	1.155	7.775	502.1
81 02 02 1250		.3	1	0.017	0.004	0.025	0.510	0.012	4.690	4.727	0.485	5.212	371.8
81 03 02 1315		.3	1	0.024	0.012	0.015	0.520	0.012	5.400	5.427	0.505	5.932	283.4
81 04 01 1150		.3	1	0.021	0.005	0.005	0.440	0.009	3.100	3.114	0.435	3.549	303.9
81 05 04 1140		.3	1	0.012	0.001	0.010	0.490	0.009	3.340	3.359	0.480	3.839	302.9
81 06 01 1205		.3	1	0.027	0.017	0.010	0.370	0.008	2.490	2.508	0.360	2.868	348.4
81 07 07 1300		.3	1	0.025	0.002	0.040	0.700	0.012	1.990	2.042	0.660	2.702	336.2
81 09 01 1150		.3	1	0.024	0.005	0.060	0.880	0.009	1.820	1.889	0.820	2.709	369.6
81 10 05 1305		.3	1	0.011	0.001<	0.005<	0.640	0.006	5.500	5.511	0.635	6.146	407.1
81 11 09 1310		.3	1	0.007	0.001	0.005<	0.730	0.009	4.800	4.814	0.725	5.539	371.5
81 12 01 1300		.3	1	0.012	0.001	0.005<	0.550	0.007	5.290	5.302	0.545	5.847	370.4
MAXIMUM				**0.048**	**0.017**	**0.065**	**1.220**	**0.025**	**6.530**	**6.620**	**1.155**	**7.775**	**502.1**
ARITH MEAN				**0.021**	**0.005**	**0.029**	**0.641**	**0.011**	**4.086**	**4.119**	**0.619**	**4.738**	**360.7**
GEOM MEAN				**0.018**	**0.003**	**0.020**	**0.607**	**0.010**	**3.765**	**3.805**	**0.588**	**4.454**	**356.5**
MINIMUM				**0.007**	**0.001**	**0.005**	**0.370**	**0.006**	**1.820**	**1.889**	**0.360**	**2.702**	**283.4**
STD DEV (GEOM *)				**0.011**	**0.005**	**0.024**	**0.241**	**0.005**	**1.601**	**1.601**	**0.223**	**1.694**	**59.9**
# SAMPLES (IN STATISTICS)				**11**	**10**	**8**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1300		.3	1	74.7	427.4	739.0	7.00	17.000	7.83
81 02 02 1250		.3	1	12.4	359.4	580.0	1.10	11.000	7.98
81 03 02 1315		.3	1	2.5	280.9	470.0	10.20	10.500	7.94
81 04 01 1150		.3	1	6.4	297.5	440.0	1.00	8.000	8.26
81 05 04 1140		.3	1	3.7	299.2	530.0	0.40	10.000	8.17
81 06 01 1205		.3	1	2.4	346.0	530.0	0.70	8.500	8.31
81 07 07 1300		.3	1	2.3	333.9	510.0	1.50	9.000	8.28
81 09 01 1150		.3	1	4.3	365.3	525.0	1.70	12.000	8.23
81 10 05 1305		.3	1	2.0	405.1	630.0	0.55	14.000	8.28
81 11 09 1310		.3	1	0.9	370.6	595.0	0.35	12.500	8.37
81 12 01 1300		.3	1	2.0	368.4	585.0	0.60	15.000	8.21
MAXIMUM				**74.7**	**427.4**	**739.0**	**10.20**	**17.000**	**8.37**
ARITH MEAN				**10.3**	**350.3**	**557.6**	**2.28**	**11.591**	**8.17**
GEOM MEAN				**4.0**	**347.6**	**552.4**	**1.19**	**11.286**	**8.17**
MINIMUM				**0.9**	**280.9**	**440.0**	**0.35**	**8.000**	**7.83**
STD DEV (GEOM *)				**21.6**	**45.3**	**81.9**	**3.23**	**2.844**	**0.17**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MIDDLE MAITLAND RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO.16 WEST OF BRUSSELS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MAITLAND RIVER**

STATION ID: **08-0056-031-02**
STORET CODE: **02 002 0530**

LAT: LONG: U.T.M: **17 0475100.0 4846350.0 4** REGION: **01** DISTANCE: **104.283**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1205		.3	1	42008	4						0.0	6.5	0.5
81 02 02 1205		.3	1	42023	4	380C	832	168	64	4<	0.0	9.0	1.3
81 03 02 1150		.3	1	42038	3						0.5	11.0	0.5
81 04 01 1135		.3	1	42053	8	400	1700	170	220	4<	10.5	10.0	1.3
81 05 04 1125		.3	1	42068	8						10.0	10.0	0.7
81 06 01 1145		.3	1	42083	8.5	60C	3000	24	4<	4<	16.0	10.5	1.3
81 07 07 1145		.3	1	42098	8	130C	4100	28	12	4<	25.5	7.0	1.0
81 09 01 1130		.3	1	42128	8	430	2400	112	20	4<	21.5	7.0	1.1
81 10 05 1155		.3	1	42143	8						10.5	9.5	0.8
81 11 09 1155		.3	1	42158									0.7
81 12 01 1210		.3	1	42173	8	620	900	128	156	4<	2.5	11.0	1.2
	MAXIMUM					**620**	**4100**	**170**	**220**		**25.5**	**11.0**	**1.3**
	ARITH MEAN					**337**	**2155**	**105**	**94**		**12.1**	**9.1**	**0.9**
	GEOM MEAN					**261**	**1830**	**81**	**56**		**7.7**	**9.0**	**0.9**
	MINIMUM					**60**	**832**	**24**	**12**		**0.5**	**6.5**	**0.5**
	STD DEV (GEOM *)					**2***	**2***	**2***	**4***		**8.6**	**1.7**	**0.3**
	# SAMPLES (IN STATISTICS)					**6**	**6**	**6**	**5**		**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1205		.3	1	0.050	0.030	0.255	0.900	0.023	4.280	4.558	0.645	5.203	406.0
81 02 02 1205		.3	1	0.062	0.044	0.350	0.960	0.026	4.570	4.946	0.610	5.556	425.8
81 03 02 1150		.3	1	0.167	0.039	0.095	0.760	0.029	7.700	7.824	0.665	8.489	337.0
81 04 01 1135		.3	1	0.069	0.024	0.085	0.940	0.050	5.800	5.935	0.855	6.790	415.8
81 05 04 1125		.3	1	0.026	0.003	0.010	0.760	0.018	4.830	4.858	0.750	5.608	354.5
81 06 01 1145		.3	1	0.016	0.002	0.010	0.760	0.022	2.580	2.612	0.750	3.362	343.6
81 07 07 1145		.3	1	0.038	0.003	0.100	0.960	0.029	1.240	1.369	0.860	2.229	362.1
81 09 01 1130		.3	1	0.036	0.005	0.045	0.980	0.053	2.600	2.698	0.935	3.633	374.0
81 10 05 1155		.3	1	0.016	0.004	0.010	0.870	0.017	8.700	8.727	0.860	9.587	478.2
81 11 09 1155		.3	1	0.011	0.002	0.005	0.680	0.011	5.300	5.316	0.675	5.991	436.6
81 12 01 1210		.3	1	0.051	0.034	0.045	0.800	0.023	6.930	6.998	0.755	7.753	448.2
	MAXIMUM			**0.167**	**0.044**	**0.350**	**0.980**	**0.053**	**8.700**	**8.727**	**0.935**	**9.587**	**478.2**
	ARITH MEAN			**0.049**	**0.017**	**0.092**	**0.852**	**0.027**	**4.957**	**5.076**	**0.760**	**5.836**	**398.3**
	GEOM MEAN			**0.037**	**0.009**	**0.042**	**0.846**	**0.025**	**4.374**	**4.516**	**0.753**	**5.398**	**395.8**
	MINIMUM			**0.011**	**0.002**	**0.005**	**0.680**	**0.011**	**1.240**	**1.369**	**0.610**	**2.229**	**337.0**
	STD DEV (GEOM *)			**0.044**	**0.017**	**0.112**	**0.104**	**0.013**	**2.278**	**2.262**	**0.106**	**2.241**	**46.9**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1205		.3	1	12.4	393.6	650.0	0.95	17.500	7.65
81 02 02 1205		.3	1	4.5	421.3	680.0	1.00	16.500	7.71
81 03 02 1150		.3	1	6.3	330.7	530.0	5.10	12.000	7.92
81 04 01 1135		.3	1	14.4	401.4	550.0	6.90	15.000	8.08
81 05 04 1125		.3	1	5.5	349.0	585.0	1.60	15.500	8.28
81 06 01 1145		.3	1	1.5	342.1	512.0	0.40	16.000	8.30
81 07 07 1145		.3	1	3.2	358.9	515.0	1.70	19.500	8.14
81 09 01 1130		.3	1	3.2	370.8	595.0	1.80	33.500	8.10
81 10 05 1155		.3	1	7.3	470.9	735.0	2.00	19.500	8.21
81 11 09 1155		.3	1	1.3	435.3	675.0	0.65	15.000	8.32
81 12 01 1210		.3	1	2.4	445.8	700.0	1.90	19.000	8.16
	MAXIMUM			**14.4**	**470.9**	**735.0**	**6.90**	**33.500**	**8.32**
	ARITH MEAN			**5.6**	**392.7**	**611.5**	**2.18**	**18.091**	**8.08**
	GEOM MEAN			**4.3**	**390.2**	**606.8**	**1.59**	**17.488**	**8.08**
	MINIMUM			**1.3**	**330.7**	**512.0**	**0.40**	**12.000**	**7.65**
	STD DEV (GEOM *)			**4.3**	**46.5**	**79.9**	**2.00**	**5.589**	**0.23**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**

B.O.W. / SITE: **LUCKNOW RIVER**
SAMPLE POINT: **HIGHWAY 21, PORT ALBERT**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FD103**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **LUCKNOW RIVER**

STATION ID: **08-0076-001-02**
STORET CODE: **02 002 0730**

LAT: LONG: U.T.M.: **17 0442590.0 4858390.0 4** REGION: **01** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1430		.3	1	42012	4						0.0	10.0	0.4
81 02 02 1410		.3	1	42027	4	490	800	12	152	4<	0.0	9.5	2.8
81 03 02 1430		.3	1	42042	3						0.5	11.5	0.4
81 04 01 1405		.3	1	42057	8	240	1420	28	8	4<	10.5	10.0	0.7
81 05 04 1400		.3	1	42072	8						15.0	10.5	1.5
81 06 01 1420		.3	1	42087	8	50I	1400	8	4<	4<	19.0	9.0	0.7
81 07 07 1420		.3	1	42102	8	10<	880	12	4<	4<	28.0	8.0	0.5
81 09 01 1400		.3	1	42132	8	520	2000	164	148	8	25.0	7.5	0.6
81 10 05 1420		.3	1	42147	8						11.5	10.5	0.5
81 11 09 1425		.3	1	42162									1.0
81 12 01 1420		.3	1	42177	8	530	1350	96	100	4<	3.5	12.0	0.8
MAXIMUM						**530**	**2000**	**164**	**152**	**8**	**28.0**	**12.0**	**2.8**
ARITH MEAN						**366**	**1308**	**53**	**102**	**8**	**14.1**	**9.8**	**0.9**
GEOM MEAN						**277**	**1248**	**28**	**65**		**9.0**	**9.8**	**0.7**
MINIMUM						**50**	**800**	**8**	**8**	**8**	**0.5**	**7.5**	**0.4**
STD DEV (GEOM *)						**3***	**1***	**3***	**4***		**9.7**	**1.4**	**0.7**
# SAMPLES (IN STATISTICS)						**5**	**6**	**6**	**4**	**1**	**8**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1430		.3	1	0.024	0.001	0.040	1.100	0.008	2.690	2.738	1.060	3.798	387.9
81 02 02 1410		.3	1	0.052	0.002	0.015	0.860	0.010	2.790	2.815	0.845	3.660	384.0
81 03 02 1430		.3	1	0.046	0.013	0.025	0.530	0.011	2.700	2.736	0.505	3.241	267.8
81 04 01 1405		.3	1	0.033	0.004	0.005<	0.560	0.006	1.570	1.581	0.555	2.136	284.0
81 05 04 1400		.3	1	0.016	0.001	0.005	0.540	0.007	1.630	1.642	0.535	2.177	290.2
81 06 01 1420		.3	1	0.013	0.001	0.015	0.390	0.007	1.430	1.452	0.375	1.827	335.8
81 07 07 1420		.3	1	0.019	0.002	0.020	0.480	0.007	1.020	1.047	0.460	1.507	335.6
81 09 01 1400		.3	1	0.030	0.005	0.010	0.520	0.005	0.890	0.905	0.510	1.415	392.1
81 10 05 1420		.3	1	0.014	0.003	0.005	0.640	0.006	3.100	3.111	0.635	3.746	376.1
81 11 09 1425		.3	1	0.012	0.001	0.005<	0.620	0.003	4.300	4.308	0.615	4.923	363.0
81 12 01 1420		.3	1	0.015	0.001	0.005	0.660	0.005	2.990	3.000	0.655	3.655	377.0
MAXIMUM				**0.052**	**0.013**	**0.040**	**1.100**	**0.011**	**4.300**	**4.308**	**1.060**	**4.923**	**392.1**
ARITH MEAN				**0.025**	**0.003**	**0.016**	**0.627**	**0.007**	**2.283**	**2.303**	**0.614**	**2.917**	**344.9**
GEOM MEAN				**0.022**	**0.002**	**0.012**	**0.603**	**0.006**	**2.050**	**2.072**	**0.590**	**2.697**	**342.0**
MINIMUM				**0.012**	**0.001**	**0.005**	**0.390**	**0.003**	**0.890**	**0.905**	**0.375**	**1.415**	**267.8**
STD DEV (GEOM *)				**0.014**	**0.004**	**0.012**	**0.197**	**0.002**	**1.050**	**1.049**	**0.192**	**1.152**	**45.6**
# SAMPLES (IN STATISTICS)				**11**	**11**	**9**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1430		.3	1	24.1	363.8	600.0	5.00	18.000	7.85
81 02 02 1410		.3	1	26.5	357.5	570.0	11.00	14.500	8.03
81 03 02 1430		.3	1	19.1	248.7	430.0	10.00	9.500	8.09
81 04 01 1405		.3	1	20.3	263.7	395.0	8.80	7.500	8.40
81 05 04 1400		.3	1	7.9	282.3	488.0	1.50	11.500	8.47
81 06 01 1420		.3	1	6.5	329.3	505.0	3.00	13.000	8.44
81 07 07 1420		.3	1	11.4	324.2	499.0	7.80	19.000	8.42
81 09 01 1400		.3	1	25.4	366.7	520.0	18.00	18.500	8.44
81 10 05 1420		.3	1	16.1	360.0	585.0	6.10	16.500	8.47
81 11 09 1425		.3	1	3.2	359.8	565.0	1.50	14.000	8.46
81 12 01 1420		.3	1	4.8	372.2	550.0	2.50	15.000	8.36
MAXIMUM				**26.5**	**372.2**	**600.0**	**18.00**	**19.000**	**8.47**
ARITH MEAN				**15.0**	**329.8**	**518.8**	**6.84**	**14.273**	**8.31**
GEOM MEAN				**12.2**	**326.8**	**515.0**	**5.17**	**13.774**	**8.31**
MINIMUM				**3.2**	**248.7**	**395.0**	**1.50**	**7.500**	**7.85**
STD DEV (GEOM *)				**8.6**	**44.9**	**64.4**	**5.01**	**3.711**	**0.22**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **LUCKNOW RIVER**
SAMPLE POINT: **CANNING STREET, VILLAGE OF LUCKNOW**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FD102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **LUCKNOW RIVER**

STATION ID: **08-0076-002-02**
STORET CODE: **02 002 0730**

LAT: LONG: U T M: **17 0458490.0 4866900.0 4** REGION: **01** DISTANCE: **25.749**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 06 1505		.3	1	42013	4						0.0	9.5	0.3
81 02 02 1445		.3	1	42028	4	3400	2200	180	180	4<	0.0	9.0	1.2
81 03 02 1500		.3	1	42043	3						1.5	10.0	0.3
81 04 01 1435		.3	1	42058	8	1500	5300	290	30I	4<	10.5	9.0	0.5
81 05 04 1430		.3	1	42073	8						16.0	12.0	0.6
81 06 01 1445		.3	1	42088	8	5600	20000		112	4<	19.0	12.0	1.3
81 07 07 1430		.3	1	42103	8	1700	25500	140	60	4	26.0	8.5	0.7
81 08 04 1420		.3	1	42118	8						25.0	9.5	0.9
81 09 01 1425		.3	1	42133	8	7400	14000	376	332	8	23.0	7.0	0.6
81 10 05 1445		.3	1	42148	8						11.0	10.5	0.5
81 11 09 1450		.3	1	42163									0.8
81 12 01 1445		.3	1	42178	8	3700	3800	156	172	4	3.0	11.5	1.3
	MAXIMUM					**7400**	**25500**	**376**	**332**	**8**	**26.0**	**12.0**	**1.3**
	ARITH MEAN					**3883**	**11800**	**228**	**148**	**5**	**15.0**	**9.9**	**0.7**
	GEOM MEAN					**3316**	**8255**	**212**	**113**	**5**	**11.0**	**9.7**	**0.7**
	MINIMUM					**1500**	**2200**	**140**	**30**	**4**	**1.5**	**7.0**	**0.3**
	STD DEV (GEOM *)					**2***	**3***	**2***	**2***	**1***	**9.1**	**1.6**	**0.4**
	# SAMPLES (IN STATISTICS)					**6**	**6**	**5**	**6**	**3**	**9**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 06 1505		.3	1	0.026	0.010	0.075	0.660	0.013	1.900	1.988	0.585	2.573	395.2
81 02 02 1445		.3	1	0.026	0.009	0.075	0.630	0.011	1.710	1.796	0.555	2.351	351.4
81 03 02 1500		.3	1	0.034	0.018	0.040	0.560	0.009	3.300	3.349	0.520	3.869	312.2
81 04 01 1435		.3	1	0.033	0.013	0.020	0.600	0.007	1.900	1.927	0.580	2.507	308.0
81 05 04 1430		.3	1	0.019	0.002	0.010	0.410	0.007	1.100	1.117	0.400	1.517	317.8
81 06 01 1445		.3	1	0.020	0.003	0.015	0.450	0.007	0.980	1.002	0.435	1.437	349.8
81 07 07 1430		.3	1	0.032	0.008	0.030	0.540	0.011	0.770	0.811	0.510	1.321	374.4
81 08 04 1420		.3	1	0.031	0.015	0.030	0.470	0.010	0.670	0.710	0.440	1.150	379.6
81 09 01 1425		.3	1	0.027	0.009	0.020	0.510	0.008	0.600	0.628	0.490	1.118	377.7
81 10 05 1445		.3	1	0.017	0.007	0.015	0.630	0.009	1.810	1.834	0.615	2.449	385.3
81 11 09 1450		.3	1	0.014	0.001<	0.010	0.650	0.005	1.650	1.665	0.640	2.305	382.2
81 12 01 1445		.3	1	0.023	0.007	0.020	0.690	0.005	2.190	2.215	0.670	2.885	366.2
	MAXIMUM			**0.034**	**0.018**	**0.075**	**0.690**	**0.013**	**3.300**	**3.349**	**0.670**	**3.869**	**395.2**
	ARITH MEAN			**0.025**	**0.009**	**0.030**	**0.567**	**0.008**	**1.548**	**1.587**	**0.537**	**2.123**	**358.3**
	GEOM MEAN			**0.024**	**0.008**	**0.024**	**0.560**	**0.008**	**1.372**	**1.413**	**0.530**	**1.976**	**357.1**
	MINIMUM			**0.014**	**0.002**	**0.010**	**0.410**	**0.005**	**0.600**	**0.628**	**0.400**	**1.118**	**308.0**
	STD DEV (GEOM *)			**0.007**	**0.005**	**0.023**	**0.091**	**0.002**	**0.777**	**0.783**	**0.086**	**0.832**	**30.5**
	# SAMPLES (IN STATISTICS)			**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1505		.3	1	4.9	390.3	610.0	2.00	26.000	7.76
81 02 02 1445		.3	1	9.0	342.4	550.0	2.40	15.500	7.93
81 03 02 1500		.3	1	10.8	301.4	510.0	4.40	26.500	7.88
81 04 01 1435		.3	1	10.0	298.0	465.0	4.20	16.500	8.04
81 05 04 1430		.3	1	6.2	311.6	530.0	1.20	17.500	8.37
81 06 01 1445		.3	1	3.0	346.8	538.0	1.40	19.000	8.48
81 07 07 1430		.3	1	4.5	369.9	570.0	2.10	27.500	8.43
81 08 04 1420		.3	1	2.9	376.7	590.0	1.50	34.000	8.34
81 09 01 1425		.3	1	2.8	374.9	555.0	1.30	21.500	8.33
81 10 05 1445		.3	1	3.4	381.9	625.0	1.30	24.000	8.20
81 11 09 1450		.3	1	1.1	381.1	605.0	0.75	20.500	8.28
81 12 01 1445		.3	1	4.1	362.1	560.0	2.30	19.500	8.11
	MAXIMUM			**10.8**	**390.3**	**625.0**	**4.40**	**34.000**	**8.48**
	ARITH MEAN			**5.2**	**353.1**	**559.0**	**2.07**	**22.333**	**8.18**
	GEOM MEAN			**4.4**	**351.6**	**557.3**	**1.83**	**21.765**	**8.18**
	MINIMUM			**1.1**	**298.0**	**465.0**	**0.75**	**15.500**	**7.76**
	STD DEV (GEOM *)			**3.1**	**33.0**	**45.5**	**1.15**	**5.424**	**0.23**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **LITTLE SAUBLE RIVER**
SAMPLE POINT: **AT INVERHURON PROVINCIAL PARK MOE SWA1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **LITTLE SAUBLE RIVER**

STATION ID: **08-0113-001-02**
STORET CODE: **02 002 1110**

LAT: LONG: U.T.M: **17 0453825.0 4904950.0 4** REGION: **01** DISTANCE: **1.931**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 03 1122		.3	1	40008	6	240	2200	40	320	4<	1.5	12.0	0.8
81 03 02 1129		.3	1	40016	6	570C	5400	240	1500>	4<	1.5	7.8	1.2
81 04 06 1034		.3	1	40032	6	76	960	32	4	4<	7.0	16.2	0.6
81 05 05 1147		.3	1	40048	6	56C	1720	12	8	4<	14.1	11.4	0.7
81 06 01 1135		.3	1	40064	6 8	140C	1600	16	16	4<	15.2	11.5	1.0
81 07 07 1155		.3	1	40080	6	70C	6000	48	80	4<	16.5	11.4	0.7
81 08 05 1125		.3	1	40109	6	1500	34000	236	304	4<	16.0	7.5	1.5
81 10 05 1215		.3	1	40127	6	1300C	7700	152	188	4<	9.5	9.6	0.8
81 11 02 1240		.3	1	40143	6	90C	3300	8	12	4<	9.5	10.6	1.2
81 12 07 1200		3	1	40159	6	348C	1480	152	600>	4<	2.6	11.8	
MAXIMUM						**1500**	**34000**	**240**	**320**		**16.5**	**16.2**	**1.5**
ARITH MEAN						**439**	**6436**	**94**	**116**		**9.3**	**11.0**	**0.9**
GEOM MEAN						**226**	**3453**	**51**	**42**		**6.8**	**10.7**	**0.9**
MINIMUM						**56**	**960**	**8**	**4**		**1.5**	**7.5**	**0.6**
STD DEV (GEOM *)						**3***	**3***	**4***	**6***		**6.0**	**2.4**	**0.3**
# SAMPLES (IN STATISTICS)						**10**	**10**	**10**	**8**		**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 03 1122		.3	1	0.081	0.046	0.135	0.870	0.010	2.340	2.485	0.735	3.220	405.0
81 03 02 1129		.3	1	0.118	0.072	0.125	0.750	0.010	1.990	2.125	0.625	2.750	320.9
81 04 06 1034		.3	1	0.070	0.039	0.020	0.720	0.013	1.590	1.623	0.700	2.323	339.8
81 05 05 1147		.3	1	0.013	0.001	0.010	0.380	0.007	0.490	0.507	0.370	0.877	325.1
81 06 01 1135		.3	1	0.008	0.001	0.010	0.360	0.004	0.670	0.684	0.350	1.034	303.4
81 07 07 1155		.3	1	0.018	0.001	0.020	0.340	0.004	1.640	1.664	0.320	1.984	323.2
81 08 05 1125		.3	1	0.080	0.011	0.070	0.660	0.024	0.940	1.034	0.590	1.624	372.2
81 10 05 1215		.3	1	0.067	0.048	0.010	0.670	0.004	1.900	1.914	0.660	2.574	420.8
81 11 02 1240		.3	1	0.014	0.002	0.005<	0.390	0.004	1.020	1.029	0.385	1.414	365.60
MAXIMUM				**0.118**	**0.072**	**0.135**	**0.870**	**0.024**	**2.340**	**2.485**	**0.735**	**3.220**	**420.8**
ARITH MEAN				**0.052**	**0.025**	**0.050**	**0.571**	**0.009**	**1.398**	**1.452**	**0.528**	**1.978**	**352.8**
GEOM MEAN				**0.036**	**0.008**	**0.029**	**0.538**	**0.007**	**1.248**	**1.293**	**0.501**	**1.820**	**350.8**
MINIMUM				**0.008**	**0.001**	**0.010**	**0.340**	**0.004**	**0.490**	**0.507**	**0.320**	**0.877**	**303.4**
STD DEV (GEOM *)				**0.040**	**0.027**	**0.053**	**0.203**	**0.007**	**0.642**	**0.675**	**0.167**	**0.803**	**40.5**
# SAMPLES (IN STATISTICS)				**9**	**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L
81 02 03 1122		.3	1	14.2	390.8	640.0	5.60	26.000	7.6	2	1<	4	1<
81 03 02 1129		.3	1	25.3	295.6	432.0	15.00	13.000	8.04	1	1<	2	1
81 04 06 1034		.3	1	12.9	326.9	530.0	8.50	17.000	8.19	2	1<	5	1
81 05 05 1147		.3	1	9.9	315.2	555.0	2.20	20.500	8.24	1	1<	3	1<
81 06 01 1135		.3	1	1.4	302.0	550.0	1.20	20.500	8.32	1<	1<	1	1<
81 07 07 1155		.3	1	7.5	315.7	545.0	4.00	17.500	8.09	1<	1<	2	1<
81 08 05 1125		.3	1	28.4	343.8	540.0	16.00	20.000	8.14				
81 10 05 1215		.3	1	6.8	414.0	630.0	3.80	18.000	8.25				
81 11 02 1240		.3	1	4.20	361.40	620.0	2.80	19.500	8.03				
MAXIMUM				**28.4**	**414.0**	**640.0**	**16.00**	**26.000**	**8.32**	**2**		**5**	**1**
ARITH MEAN				**12.2**	**340.6**	**560.2**	**6.57**	**19.111**	**8.1**	**1**		**3**	**1**
GEOM MEAN				**9.0**	**338.5**	**556.8**	**4.77**	**18.823**	**8.1**	**1**		**2**	**1**
MINIMUM				**1.4**	**295.8**	**432.0**	**1.20**	**13.000**	**7.6**	**1**		**1**	**1**
STD DEV (GEOM *)				**9.1**	**40.8**	**64.2**	**5.49**	**3.498**	**0.2**	**1**		**1**	**0**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**4**		**6**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HH3 TRITIUM HYDROG-3 DISINTEG /MIN	CS137 CESIUM 137 PCI/L	CS134 CESIUM 134 PCI/L	CO60 COBALT 60 PCI/L
81 02 03 1122		.3	1		15<	15<	15<
81 03 02 1129		.3	1		15<	15<	15<
81 04 06 1034		.3	1		15<	15<	15<
81 05 05 1147		.3	1		15<	15<	15<
81 06 01 1135		.3	1		15<	15<	15<
81 07 07 1155		.3	1		15<	15<	15<
MAXIMUM							
ARITH MEAN							
GEOM MEAN							
MINIMUM							
STD DEV (GEOM *)							
# SAMPLES (IN STATISTICS)							

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT HIGHWAY NO 21 SOUTHAMTON MOE SW A2**
STATION TYPE: **RIVER C FLOW GAUGE FED 02FC001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-001-83**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0470940.0 4927200.0 4** REGION: **01** DISTANCE: **0.644**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 03 02 1240 .3 1	40017	6	213.000	700C	2450	132	156	4<	1.5	6.7
81 04 06 1145 .3 1	40033	6	88.100	180	1800	60	8	4<	9.0	13.4
81 05 05 1250 .3 1	40049	6	38.000	416C	1280	52	4	4<	14.0	9.4
81 06 01 1230 .3 1	40065	6	33.300	32	4400	4	4<	4<	16.8	9.5
81 07 07 1238 .3 1	40081	6	33.600						24.0	8.4
81 08 05 1045 .3 1	40108	6	15.500	200C	6900	20	12	4<	22.2	7.8
81 09 14 1350 .3 1	40112	6	28.300	220C	6000	8	4<	4	20.5	8.5
81 10 05 1340 .3 1	40128	6	36.100	350C	4800	76	24	4<	12.5	10.6
81 11 02 1320 .3 1	40144	6	39.000	60I	2500	20	4<	4<	9.2	11.6
81 12 07 1340 .3 1	40160	6	70.300	228C	1040	24	136	4<	2.0	12.8
MAXIMUM			**213.000**	**700**	**6900**	**132**	**156**	**4**	**24.0**	**13.4**
ARITH MEAN			**59.520**	**265**	**3463**	**44**	**57**	**4**	**13.2**	**9.9**
GEOM MEAN			**45.077**	**192**	**2861**	**28**	**24**		**9.8**	**9.7**
MINIMUM			**15.500**	**32**	**1040**	**4**	**4**	**4**	**1.5**	**6.7**
STD DEV (GEOM *)			**57.921**	**3***	**2***	**3***	**5***		**7.9**	**2.2**
# SAMPLES (IN STATISTICS)			**10**	**9**	**9**	**9**	**6**	**1**	**10**	**10**

TEST-NAME:	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
81 03 02 1240 .3 1	0.9	0.050	0.014	0.035	0.580	0.010	1.800	1.845	0.545	2.390
81 04 06 1145 .3 1	0.8	0.029	0.009	0.015	0.620	0.007	0.890	0.912	0.605	1.517
81 05 05 1250 .3 1	1.1	0.029	0.004	0.025	0.410	0.007	0.790	0.822	0.385	1.207
81 06 01 1230 .3 1	1.2	0.027	0.004	0.025	0.420	0.009	0.650	0.684	0.395	1.079
81 07 07 1238 .3 1	1.0	0.037	0.005	0.045	0.540	0.015	0.930	0.990	0.495	1.485
81 08 05 1045 .3 1	0.7	0.027	0.004	0.025	0.410	0.003	0.270	0.298	0.385	0.683
81 09 14 1350 .3 1	0.8	0.026	0.005	0.010	0.580	0.004	0.490	0.504	0.570	1.074
81 10 05 1340 .3 1	0.6	0.017	0.005	0.005	0.540	0.003	0.770	0.778	0.535	1.313
81 11 02 1320 .3 1	1.0	0.013	0.002	0.005<	0.410	0.004	0.740	0.749	0.405	1.154
MAXIMUM	**1.2**	**0.050**	**0.014**	**0.045**	**0.620**	**0.015**	**1.800**	**1.845**	**0.605**	**2.390**
ARITH MEAN	**0.9**	**0.028**	**0.006**	**0.023**	**0.501**	**0.007**	**0.814**	**0.842**	**0.480**	**1.322**
GEOM MEAN	**0.9**	**0.027**	**0.005**	**0.019**	**0.494**	**0.006**	**0.728**	**0.757**	**0.473**	**1.256**
MINIMUM	**0.6**	**0.013**	**0.002**	**0.005**	**0.410**	**0.003**	**0.270**	**0.298**	**0.385**	**0.683**
STD DEV (GEOM *)	**0.2**	**0.011**	**0.004**	**0.013**	**0.087**	**0.004**	**0.422**	**0.430**	**0.088**	**0.471**
# SAMPLES (IN STATISTICS)	**9**	**9**	**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**

TEST-NAME:	RST	RSP	RSF	COND25	TURB	CLIDUR	PH	FEUT	CRUT	CUUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	IRON UNF.TOT. MG/L AS FE	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
81 03 02 1240 .3 1	288.9	35.8	253.1	400.0	13.00	7.000	8.07			
81 04 06 1145 .3 1	293.0	17.2	275.8	442.0	7.30	6.500	8.27		0.003	
81 05 05 1250 .3 1	341.4	8.5	332.9	533.0	2.10	8.000	8.29			
81 06 01 1230 .3 1	328.7	9.6	319.1	530.0	3.00	9.500	8.38			
81 07 07 1238 .3 1	341.2	11.7	329.5	499.0	8.10	8.000	8.20			
81 08 05 1045 .3 1	417.8	6.7	411.1	520.0	4.30	9.000	8.25			
81 09 14 1350 .3 1	374.8	8.8	366.0	550.0	4.40	8.500	8.39			
81 10 05 1340 .3 1	374.2	5.1	369.1	570.0	2.60	15.000	8.36			
81 11 02 1320 .3 1	350.60	3.40	347.20	550.0	2.40	9.000	8.39			
81 12 07 1340 .3 1								0.180	0.003	0.007
MAXIMUM	**417.8**	**35.8**	**411.1**	**570.0**	**13.00**	**15.000**	**8.39**	**0.180**	**0.003**	**0.007**
ARITH MEAN	**345.6**	**11.8**	**333.7**	**510.4**	**5.24**	**8.944**	**8.29**	**0.180**	**0.003**	**0.007**
GEOM MEAN	**343.5**	**9.4**	**330.5**	**507.5**	**4.36**	**8.701**	**8.29**		**0.003**	
MINIMUM	**288.9**	**3.40**	**253.1**	**400.0**	**2.10**	**6.500**	**8.07**	**0.180**	**0.003**	**0.007**
STD DEV (GEOM *)	**40.6**	**9.8**	**48.1**	**55.5**	**3.61**	**2.468**	**0.11**		**0.000**	
# SAMPLES (IN STATISTICS)	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**1**	**2**	**1**

TEST-NAME:	PBUT	CDUT	ZNUT	NIUT	GACF	GACP	GBCF	GBCP	HH3	CS137
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	TRITIUM HYDROG-3 DISINTEG /MIN	CESIUM 137 PCI/L
81 03 02 1240 .3 1					1<	1<	2	1		15<
81 04 06 1145 .3 1			0.009		1	1<	2	1		15<
81 05 05 1250 .3 1					1<	1<	1	1<		15<
81 06 01 1230 .3 1					1	1<	1	1<		15<
81 07 07 1238 .3 1					1	1<	1	1<		15<
81 12 07 1340 .3 1	0.006	0.0002	0.008	0.004						
MAXIMUM	**0.006**	**0.0002**	**0.009**	**0.004**	**1**		**2**	**1**		
ARITH MEAN	**0.006**	**0.0002**	**0.008**	**0.004**	**1**		**1**	**1**		
GEOM MEAN			**0.008**		**1**		**1**	**1**		
MINIMUM	**0.006**	**0.0002**	**0.008**	**0.004**	**1**		**1**	**1**		
STD DEV (GEOM *)			**0.001**		**0**		**1**	**0**		
# SAMPLES (IN STATISTICS)	**1**	**1**	**2**	**1**	**3**		**5**	**2**		

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CESIUM 134 PCI/L	COBALT 60 PCI/L
TEST-NAME:				CS134	CO60
81 03 02 1240		.3	1	15<	15<
81 04 06 1145		.3	1	15<	15<
81 05 05 1250		.3	1	15<	15<
81 06 01 1230		.3	1	15<	15<
81 07 07 1238		.3	1	15<	15<
MAXIMUM					
ARITH MEAN					
GEOM MEAN					
MINIMUM					
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)					

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **YONGE STREET, TOWN OF WALKERTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-002-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0487675.0 4886625.0 4** REGION: **01** DISTANCE: **76.603**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
81 01 19 1400		.3	1	42510	6	12.400	360	660	88	28	4<	0.0	12.0
81 02 16 1430		.3	1	42527	6	33.400	1150C	4820	536	600>	4<	1.0	12.0
81 03 16 1350		.3	1	42544	6	30.900	30I	420	24	16	4<	0.0	13.0
81 04 21 1410		.3	1	42561	9	31.400	84	204	16	4<	8	7.0	13.0
81 05 19 1350		.3	1	42578	6	30.800	156C	1400	12	8	4<	14.0	10.0
81 06 15 1355		.3	1	42595	6	19.500	620C	9300	28	16	4<	22.0	9.5
81 07 20 1405		.3	1	42612	6	8.720	460C	5300	88	4	4<	24.0	8.0
81 08 17 1350		.3	1	42629	6	12.200	490	1930	136	12	4	19.0	9.0
81 09 28 1350		.3	1	42646	6	19.600	270C	3300	104	36	4<	12.0	10.0
81 10 19 1400		.3	1	42663	6	41.700	2000	6800	720	830	8	5.0	9.5
81 11 16 1355		.3	1	42680	6	17.500	1160C	2000	150	10I	4<	3.0	12.0
81 12 14 1405		.3	1	42697	9	19.200	284	760	164	68	4<	0.0	12.0
MAXIMUM						**41.700**	**2000**	**9300**	**720**	**830**	**8**	**24.0**	**13.0**
ARITH MEAN						**23.110**	**589**	**3074**	**172**	**103**	**7**	**11.9**	**10.8**
GEOM MEAN						**20.926**	**355**	**1810**	**85**	**24**	**6**	**8.2**	**10.7**
MINIMUM						**8.720**	**30**	**204**	**12**	**4**	**4**	**1.0**	**8.0**
STD DEV (GEOM *)						**10.238**	**3***	**3***	**4***	**4***	**1***	**8.5**	**1.7**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**12**	**10**	**3**	**9**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
81 01 19 1400		.3	1	0.1<	0.015	0.007	0.070	0.420	0.009	1.470	1.549	0.350	1.899
81 02 16 1430		.3	1	0.4	0.031	0.007	0.070	0.530	0.012	1.520	1.602	0.460	2.062
81 03 16 1350		.3	1	1.6	0.021	0.005	0.030	0.360	0.005	1.760	1.795	0.330	2.125
81 04 21 1410		.3	1	0.7	0.013	0.003	0.020	0.340	0.005	0.930	0.955	0.320	1.275
81 05 19 1350		.3	1	1.3	0.016	0.001	0.010	0.460	0.006	0.620	0.636	0.450	1.086
81 06 15 1355		.3	1	0.2	0.064	0.003	0.020	0.450	0.008	0.690	0.718	0.430	1.148
81 07 20 1405		.3	1	0.6	0.011	0.001	0.040	0.380	0.008	0.570	0.618	0.340	0.958
81 08 17 1350		.3	1	0.9	0.019	0.002	0.020	0.400	0.008	0.620	0.648	0.380	1.028
81 09 28 1350		.3	1	0.7	0.012	0.002	0.015	0.360	0.005	0.740	0.760	0.345	1.105
81 10 19 1400		.3	1	1.0	0.036	0.006	0.005<	0.470	0.005	0.820	0.830	0.465	1.295
81 11 16 1355		.3	1	1.2	0.015	0.008	0.005	0.370	0.003	1.090	1.098	0.365	1.463
81 12 14 1405		.3	1	2.8	0.012	0.005	0.025	0.420	0.004	1.420	1.449	0.395	1.844
MAXIMUM				**2.8**	**0.064**	**0.008**	**0.070**	**0.530**	**0.012**	**1.760**	**1.795**	**0.465**	**2.125**
ARITH MEAN				**1.0**	**0.022**	**0.004**	**0.030**	**0.413**	**0.006**	**1.021**	**1.055**	**0.386**	**1.441**
GEOM MEAN				**0.8**	**0.019**	**0.003**	**0.023**	**0.410**	**0.006**	**0.947**	**0.980**	**0.383**	**1.386**
MINIMUM				**0.2**	**0.011**	**0.001**	**0.005**	**0.340**	**0.003**	**0.570**	**0.618**	**0.320**	**0.958**
STD DEV (GEOM *)				**0.7**	**0.015**	**0.002**	**0.022**	**0.056**	**0.003**	**0.418**	**0.431**	**0.053**	**0.427**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH
81 01 19 1400		.3	1	389.5	3.5	386.0	620.0	1.40	8.500		8.01
81 02 16 1430		.3	1	394.0	15.4	378.6	580.0	6.50	14.500		8.05
81 03 16 1350		.3	1	330.3	3.2	327.1	550.0	2.10	8.000		8.25
81 04 21 1410		.3	1	333.5	3.0	330.5	510.0	1.40	7.000		8.40
81 05 19 1350		.3	1	326.0	5.4	320.6	491.0	1.90	7.000		8.53
81 06 15 1355		.3	1	386.1	6.2	379.9	539.0	3.10	6.000	227.0	8.38
81 07 20 1405		.3	1	430.2	6.7	423.5	620.0	2.70	9.000		8.25
81 08 17 1350		.3	1	406.3	8.8	397.5	575.0	4.10	7.000		8.37
81 09 28 1350		.3	1	417.2	7.6	409.6	600.0	2.10	7.500		8.38
81 10 19 1400		.3	1	394.5	13.5	381.0	560.0	4.40	8.500		8.34
81 11 16 1355		.3	1	399.9	3.1	396.8	600.0	2.10	7.500		8.31
81 12 14 1405		.3	1	374.8	2.4	372.4	580.0	1.70	9.000		8.24
MAXIMUM				**430.2**	**15.4**	**423.5**	**620.0**	**6.50**	**14.500**	**227.0**	**8.53**
ARITH MEAN				**381.9**	**6.6**	**375.3**	**568.7**	**2.79**	**8.292**	**227.0**	**8.29**
GEOM MEAN				**380.4**	**5.5**	**373.9**	**567.4**	**2.49**	**8.090**		**8.29**
MINIMUM				**326.0**	**2.4**	**320.6**	**491.0**	**1.40**	**6.000**	**227.0**	**8.01**
STD DEV (GEOM *)				**34.5**	**4.2**	**33.0**	**40.8**	**1.52**	**2.158**		**0.15**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**1**	**12**

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **HIGHWAY 4, HANOVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-003-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0496850.0 4888475.0 4** REGION: **01** DISTANCE: **94.627**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE	FWSTRC	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 03 16 1410		.3	1	42545	6			450	1380	104	36	4<	0.0	13.0	1.3
81 04 21 1430		.3	1	42562	6			1600	1500	376	156	4	6.0	13.0	0.6
81 05 19 1415		.3	1	42579	6			270	2200	20I	12	4<	12.0	10.0	1.2
81 06 15 1430		.3	1	42596	6			1500C	7900	144	56	4<	22.0	8.0	0.3
81 07 20 1440		.3	1	42613	6			20I	20	28	12	4<	23.0	8.5	0.8
81 08 17 1415		.3	1	42630	6			310	1370	100	20	4<	18.0	9.0	0.9
81 09 28 1415		.3	1	42647	6			310	2200	88	204	4<	11.0	10.0	0.5
81 10 19 1420		.3	1	42664	6			8200	2000	820	280	4<	6.0	10.5	0.7
81 11 16 1430		.3	1	42681	6			3900	6400	320	90I	4	4.0	11.0	1.6
81 12 14 1435		.3	1	42698	6			1250	1060	350	88	4<	0.0	11.5	1.5
	MAXIMUM							**8200**	**7900**	**820**	**280**	**4**	**23.0**	**13.0**	**1.6**
	ARITH MEAN							**1781**	**2603**	**235**	**95**	**4**	**12.7**	**10.4**	**0.9**
	GEOM MEAN							**684**	**1402**	**138**	**58**	**4**	**10.7**	**10.3**	**0.8**
	MINIMUM							**20**	**20**	**20**	**12**	**4**	**4.0**	**8.0**	**0.3**
	STD DEV (GEOM *)							5*	5*	3*	3*	0*	7.5	1.7	0.4
	# SAMPLES (IN STATISTICS)							**10**	**10**	**10**	**10**	**2**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 03 16 1410		.3	1	0.018	0.008	0.035	0.280	0.003	1.150	1.188	0.245	1.433	278.9
81 04 21 1430		.3	1	0.020	0.008	0.050	0.370	0.005	0.720	0.775	0.320	1.095	282.4
81 05 19 1415		.3	1	0.021	0.006	0.050	0.370	0.007	0.530	0.587	0.320	0.907	271.8
81 06 15 1430		.3	1	0.170	0.013	0.015	0.450	0.012	0.670	0.697	0.435	1.132	292.3
81 07 20 1440		.3	1	0.029	0.017	0.105	0.440	0.030	0.650	0.785	0.335	1.120	280.9
81 08 17 1415		.3	1	0.035	0.021	0.155	0.510	0.020	0.610	0.785	0.355	1.140	269.4
81 09 28 1415		.3	1	0.023	0.012	0.020	0.350	0.010	0.730	0.760	0.330	1.090	310.6
81 10 19 1420		.3	1	0.018	0.003	0.010	0.430	0.008	0.540	0.558	0.420	0.978	293.9
81 11 16 1430		.3	1	0.016	0.005	0.020	0.330	0.005	0.920	0.945	0.310	1.255	301.4
81 12 14 1435		.3	1	0.011	0.004	0.025	0.370	0.004	0.960	0.989	0.345	1.334	278.4
	MAXIMUM			**0.170**	**0.021**	**0.155**	**0.510**	**0.030**	**1.150**	**1.188**	**0.435**	**1.433**	**310.6**
	ARITH MEAN			**0.036**	**0.010**	**0.048**	**0.390**	**0.010**	**0.748**	**0.807**	**0.341**	**1.148**	**286.0**
	GEOM MEAN			**0.025**	**0.008**	**0.034**	**0.385**	**0.008**	**0.726**	**0.788**	**0.338**	**1.139**	**285.7**
	MINIMUM			**0.011**	**0.003**	**0.010**	**0.280**	**0.003**	**0.530**	**0.558**	**0.245**	**0.907**	**269.4**
	STD DEV (GEOM *)			**0.048**	**0.006**	**0.047**	**0.067**	**0.009**	**0.201**	**0.190**	**0.054**	**0.157**	**13.2**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 03 16 1410		.3	1	2.5	276.4	476.0	1.20	7.500		8.22
81 04 21 1430		.3	1	2.0	280.4	380.0	0.55	6.000		8.33
81 05 19 1415		.3	1	4.6	267.2	440.0	1.40	6.500		8.32
81 06 15 1430		.3	1	3.4	288.9	450.0	1.60	6.000	229.0	8.36
81 07 20 1440		.3	1	7.9	273.0	463.0	2.10	8.500		8.34
81 08 17 1415		.3	1	3.4	266.0	443.0	1.70	7.500		8.32
81 09 28 1415		.3	1	4.3	306.3	474.0	1.00	7.000		8.36
81 10 19 1420		.3	1	3.6	290.3	457.0	0.80	7.500		8.31
81 11 16 1430		.3	1	3.5	297.9	485.0	1.50	7.000		8.30
81 12 14 1435		.3	1	2.8	275.6	467.0	1.10	7.000		8.24
	MAXIMUM			**7.9**	**306.3**	**485.0**	**2.10**	**8.500**	**229.0**	**8.36**
	ARITH MEAN			**3.8**	**282.2**	**453.5**	**1.29**	**7.050**	**229.0**	**8.31**
	GEOM MEAN			**3.6**	**281.9**	**452.6**	**1.21**	**7.013**		**8.31**
	MINIMUM			**2.0**	**266.0**	**380.0**	**0.55**	**6.000**	**229.0**	**8.22**
	STD DEV (GEOM *)			**1.6**	**13.3**	**29.6**	**0.46**	**0.762**		**0.05**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**1**	**10**

B.O.W./ SITE: **TEESWATER RIVER**
SAMPLE POINT: **DOWNSTREAM FROM DAM, WEST OF TEESWATER**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FC104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-004-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0475450.0 4871625.0 4** REGION: **01** DISTANCE: **99.938**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE	FWSTRC	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 0910		.3	1	42501	6			2900	1200	72	384	4<	0.0	12.0	1.4
81 02 16 0920		.3	1	42518	6			1020	1140	8	68	4<	1.0	12.5	0.9
81 03 16 0915		.3	1	42535	6			20I	70	8	600>	4<	0.0	12.5	0.6
81 04 21 0940		.3	1	42552	6			392	596	8	56	4<	5.0	12.5	0.7
81 05 19 0930		.3	1	42569	6			376C	6700	20	256	4<	10.0	11.0	1.2
81 06 15 0925		.3	1	42586	6			11000	37000	76	36	8	21.0	10.0	0.8
81 07 20 0910		.3	1	42603	6			750C	3300	230	140	4<	22.0	8.0	1.4
81 08 17 0915		.3	1	42620	6			1200C	29000	170	104	4	16.0	8.5	0.8
81 09 28 0900		.3	1	42637	6								10.0	11.0	0.9
81 10 19 0915		.3	1	42654	6			45000	45000	9100	1500>	4<	5.0	10.0	1.6
81 11 16 0915		.3	1	42671	6			500I	1100	10<	100I	4<	4.0	11.0	0.7
81 12 14 0915		.3	1	42688	6								1.0	11.5	1.5
	MAXIMUM							**45000**	**45000**	**9100**	**384**	**8**	**22.0**	**12.5**	**1.6**
	ARITH MEAN							**6316**	**12511**	**1077**	**143**	**6**	**9.5**	**10.9**	**1.0**
	GEOM MEAN							**1069**	**3038**	**65**	**109**	**6**	**6.1**	**10.8**	**1.0**
	MINIMUM							**20**	**70**	**8**	**36**	**4**	**1.0**	**8.0**	**0.6**
	STD DEV (GEOM *)							8*	8*	10*	2*	2*	7.8	1.5	0.4
	# SAMPLES (IN STATISTICS)							**10**	**10**	**9**	**8**	**2**	**10**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 19 0910		.3	1	0.075	0.046	0.075	0.550	0.018	3.700	3.793	0.475	4.268	324.6
81 02 16 0920		.3	1	0.066	0.035	0.070	0.640	0.014	3.600	3.684	0.570	4.254	345.9
81 03 16 0915		.3	1	0.030	0.006	0.100	0.530	0.014	4.090	4.204	0.430	4.634	334.6
81 04 21 0940		.3	1	0.026	0.011	0.015	0.520	0.012	3.400	3.427	0.505	3.932	333.3
81 05 19 0930		.3	1	0.048	0.024	0.015	0.420	0.013	3.100	3.128	0.405	3.533	334.4
81 06 15 0925		.3	1	0.084	0.066	0.065	0.540	0.074	2.730	2.869	0.475	3.344	338.6
81 07 20 0910		.3	1	0.064	0.042	0.080	0.610	0.057	1.720	1.857	0.530	2.387	301.0
81 08 17 0915		.3	1	0.063	0.040	0.040	0.510	0.021	1.770	1.831	0.470	2.301	326.3
81 09 28 0900		.3	1	0.062	0.041	0.020	0.650	0.019	3.430	3.469	0.630	4.099	349.7
81 10 19 0915		.3	1	0.083	0.027	0.035	1.080	0.019	2.800	2.854	1.045	3.899	374.3
81 11 16 0915		.3	1	0.018	0.005	0.005	0.470	0.018	3.880	3.903	0.465	4.368	350.4
81 12 14 0915		.3	1	0.040	0.029	0.080	0.540	0.017	4.200	4.297	0.460	4.757	350.9
MAXIMUM				**0.084**	**0.066**	**0.100**	**1.080**	**0.074**	**4.200**	**4.297**	**1.045**	**4.757**	**374.3**
ARITH MEAN				**0.055**	**0.031**	**0.050**	**0.588**	**0.025**	**3.202**	**3.276**	**0.538**	**3.815**	**338.7**
GEOM MEAN				**0.050**	**0.024**	**0.037**	**0.572**	**0.020**	**3.086**	**3.167**	**0.521**	**3.725**	**338.2**
MINIMUM				**0.018**	**0.005**	**0.005**	**0.420**	**0.012**	**1.720**	**1.831**	**0.405**	**2.301**	**301.0**
STD DEV (GEOM *)				**0.022**	**0.018**	**0.032**	**0.168**	**0.020**	**0.819**	**0.812**	**0.171**	**0.797**	**18.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	SOLVENT EXTRACT. MG/L
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	PH	SOLEXT
81 01 19 0910		.3	1	5.3	319.3	530.0	2.50	10.000	7.85	
81 02 16 0920		.3	1	10.2	335.7	550.0	2.30	12.000	8.01	
81 03 16 0915		.3	1	3.0	331.6	530.0	1.30	8.500	8.14	
81 04 21 0940		.3	1	2.9	330.4	520.0	0.80	8.500	8.24	
81 05 19 0930		.3	1	7.3	327.1	520.0	1.80	8.500	8.28	
81 06 15 0925		.3	1	4.1	334.5	510.0	1.30	8.000	8.34	
81 07 20 0910		.3	1	6.4	294.6	490.0	1.50	9.000	8.03	
81 08 17 0915		.3	1	7.0	319.3	505.0	1.80	8.000	8.22	
81 09 28 0900		.3	1	6.0	343.7	550.0	1.50	8.000	8.19	3
81 10 19 0915		.3	1	16.7	357.6	530.0	5.20	8.500	8.06	1
81 11 16 0915		.3	1	2.0	348.4	575.0	2.10	8.500	8.20	
81 12 14 0915		.3	1	3.5	347.4	560.0	1.20	8.500	8.15	
MAXIMUM				**16.7**	**357.6**	**575.0**	**5.20**	**12.000**	**8.34**	**3**
ARITH MEAN				**6.2**	**332.5**	**530.8**	**1.94**	**8.833**	**8.14**	**2**
GEOM MEAN				**5.3**	**332.1**	**530.3**	**1.73**	**8.775**	**8.14**	**2**
MINIMUM				**2.0**	**294.6**	**490.0**	**0.80**	**8.000**	**7.85**	**1**
STD DEV (GEOM *)				**4.0**	**16.7**	**24.4**	**1.14**	**1.135**	**0.14**	**1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**2**

B.O.W./SITE: **SAUGEEN RIVER**
SAMPLE POINT: **HIGHWAY 4, TOWN OF DURHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-005-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0512950.0 4891650.0 4** REGION: **01** DISTANCE: **125.847**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 20 0805		.3	1	42513	6	4500	3500	592	496	8	0.0	12.0	0.8
81 02 17 0915		.3	1	42530	6	1120C	2600	272	20	4<	0.0	13.0	1.1
81 03 17 0857		.3	1	42547	6	1300	1600	240	84	4	0.0	13.0	1.3
81 04 22 0850		.3	1	42564	6	870C	3800	180	8	4	6.0	11.5	0.4
81 05 20 0830		.3	1	42581	6	5300	10900	256	72	8	12.0	8.0	0.9
81 06 16 0850		.3	1	42598	6	7700	17000	344	60	16	21.0	6.0	0.7
81 07 21 0840		.3	1	42615	6	400	16500	170	20	4<	22.0	7.5	0.9
81 08 18 0835		.3	1	42632	6	16000>	21000	400	28	4<	18.0	8.0	1.2
81 09 29 0800		.3	1	42649	6	200I	3900	50I	24	4<	10.0	10.0	0.6
81 10 20 0800		.3	1	42666	6	370	2600	48	72	4<	5.0	10.5	0.9
81 11 17 0800		.3	1	42683	6	40I	50	24	20	4<	5.0	11.0	1.1
81 12 15 0810		.3	1	42700	6	2800	3900	384	100	4<	0.0	12.0	0.7
MAXIMUM						**7700**	**21000**	**592**	**496**	**16**	**22.0**	**13.0**	**1.3**
ARITH MEAN						**2236**	**7279**	**247**	**84**	**8**	**12.4**	**10.2**	**0.9**
GEOM MEAN						**977**	**3720**	**177**	**44**	**7**	**10.5**	**9.9**	**0.8**
MINIMUM						**40**	**50**	**24**	**8**	**4**	**5.0**	**6.0**	**0.4**
STD DEV (GEOM *)						**5***	**5***	**3***	**3***	**2***	**7.1**	**2.3**	**0.3**
# SAMPLES (IN STATISTICS)						**11**	**12**	**12**	**12**	**5**	**8**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 20 0805		.3	1	0.025	0.012	0.090	0.390	0.005	0.810	0.905	0.300	1.205	283.8
81 02 17 0915		.3	1	0.021	0.006	0.055	0.410	0.005	0.630	0.690	0.355	1.045	278.8
81 03 17 0857		.3	1	0.065	0.007	0.030	0.300	0.002	0.770	0.802	0.270	1.072	285.1
81 04 22 0850		.3	1	0.019	0.005	0.030	0.390	0.003	0.370	0.403	0.360	0.763	260.9
81 05 20 0830		.3	1	0.015	0.005	0.030	0.440	0.003	0.220	0.253	0.410	0.663	252.0
81 06 16 0850		.3	1	0.350	0.122	0.080	0.610	0.010	0.280	0.370	0.530	0.900	256.1
81 07 21 0840		.3	1	0.016	0.003	0.115	0.540	0.019	0.470	0.604	0.425	1.029	264.4
81 08 18 0835		.3	1	0.034	0.015	0.090	0.510	0.014	0.440	0.544	0.420	0.964	255.2
81 09 29 0800		.3	1	0.021	0.004	0.055	0.470	0.005	0.320	0.380	0.415	0.795	281.4
81 10 20 0800		.3	1	0.019	0.001<	0.005	0.540	0.002	0.110	0.117	0.535	0.652	269.40
81 11 17 0800		.3	1	0.013	0.003	0.045	0.440	0.003	0.400	0.448	0.395	0.843	274.1
81 12 15 0810		.3	1	0.011	0.002	0.030	0.380	0.002	0.510	0.542	0.350	0.892	258.4
MAXIMUM				**0.350**	**0.122**	**0.115**	**0.610**	**0.019**	**0.810**	**0.905**	**0.535**	**1.205**	**285.1**
ARITH MEAN				**0.051**	**0.017**	**0.055**	**0.452**	**0.006**	**0.444**	**0.505**	**0.397**	**0.902**	**268.3**
GEOM MEAN				**0.026**	**0.007**	**0.043**	**0.444**	**0.005**	**0.392**	**0.449**	**0.390**	**0.887**	**268.0**
MINIMUM				**0.011**	**0.002**	**0.005**	**0.300**	**0.002**	**0.110**	**0.117**	**0.270**	**0.652**	**252.0**
STD DEV (GEOM *)				**0.095**	**0.035**	**0.033**	**0.086**	**0.005**	**0.211**	**0.225**	**0.079**	**0.169**	**12.0**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **HIGHWAY 4, TOWN OF DURHAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-005-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0512950.0 4891650.0 4** REGION: **01** DISTANCE: **125.847**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 20 0805		.3	1	2.4	281.4	475.0	1.10	9.500	8.07
81 02 17 0915		.3	1	5.8	273.0	442.0	1.40	9.500	7.96
81 03 17 0857		.3	1	1.2	283.9	490.0	0.55	18.500	8.21
81 04 22 0850		.3	1	4.4	256.5	415.0	1.20	7.000	8.30
81 05 20 0830		.3	1	3.0	249.0	399.0	0.80	6.000	8.36
81 06 16 0850		.3	1	3.6	252.5	423.0	1.60	6.500	8.22
81 07 21 0840		.3	1	5.6	258.8	462.0	1.90	10.500	8.21
81 08 18 0835		.3	1	3.3	251.9	420.0	1.60	9.000	8.27
81 09 29 0800		.3	1	7.5	273.9	438.0	1.70	7.000	8.34
81 10 20 0800		.3	1	9.00	260.40	413.0	1.60	5.500	8.29
81 11 17 0800		.3	1	3.0	271.1	440.0	1.50	6.500	8.32
81 12 15 0810		.3	1	0.6	257.8	430.0	0.60	8.000	8.26
	MAXIMUM			**9.00**	**283.9**	**490.0**	**1.90**	**18.500**	**8.36**
	ARITH MEAN			**4.1**	**264.1**	**437.2**	**1.30**	**8.625**	**8.23**
	GEOM MEAN			**3.3**	**263.9**	**436.5**	**1.21**	**8.153**	**8.23**
	MINIMUM			**0.6**	**249.0**	**399.0**	**0.55**	**5.500**	**7.96**
	STD DEV (GEOM *)			**2.4**	**11.9**	**26.9**	**0.45**	**3.491**	**0.12**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **ROCKY SAUGEEN RIVER**
SAMPLE POINT: **AT CONCESSION ROAD SOUTHWEST OF MARKDALE**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-006-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0526700.0 4905475.0 4** REGION: **01** DISTANCE: **143.389**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 0835		.3	1	42514	6	30I	90	8	4	4<	0.0	10.5	0.9
81 02 26 1130		.3	1	41003	3	.20I	110	4<	4	4<	1.2	9.8	
81 03 17 0940		.3		42548	6	8	160	4	4<	4<		12.0	0.2
81 04 22 0938		.3	1	42565	6	4<	72	4<	4	4<	7.0	12.0	0.4
81 05 20 0915		.3	1	42582	6	1300	6900	80	8	4<	10.0	10.0	1.6
81 06 16 0920		.3	1	42599	6	350C	8200	140	60	4<	20.0	7.5	0.6
81 07 21 0910		.3	1	42616	6	320C	4700	60I	84	4<	18.0	8.5	0.6
81 08 18 0915		.3	1	42633	6	150C	3900	28	72	4<	16.0	9.0	1.0
81 09 29 0845		.3	1	42650	6	310	1470	16	20	4<	9.0	10.0	0.3
81 10 20 0845		.3	1	42667	6	2000	6900	232	56	4<	5.0	10.5	0.5
81 11 17 0840		.3	1	42684	6	20I	110	10<	8	4<	5.0	11.0	1.5
81 12 15 0900		.3	1	42701	6	12	24	4<	4	4<	1.0	11.0	0.9
	MAXIMUM					**2000**	**8200**	**232**	**84**		**20.0**	**12.0**	**1.6**
	ARITH MEAN					**411**	**2720**	**71**	**29**		**9.2**	**10.1**	**0.8**
	GEOM MEAN					**104**	**619**	**35**	**15**		**6.4**	**10.1**	**0.6**
	MINIMUM					**8**	**24**	**4**	**4**		**1.0**	**7.5**	**0.2**
	STD DEV (GEOM *)					**7***	**9***	**4***	**4***		**6.8**	**1.3**	**0.5**
	# SAMPLES (IN STATISTICS)					**11**	**12**	**8**	**11**		**10**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 0835		.3	1	0.005	0.001<	0.015	0.250	0.003	2.100	2.118	0.235	2.353	294.9
81 02 26 1130		.3	1	0.011	0.003	0.005	0.350	0.004	0.160	0.169	0.345	0.514	
81 03 17 0940		.3		0.017	0.001	0.005	0.230	0.002	2.15	2.157	0.225	2.382	292.4
81 04 22 0938		.3	1	0.006	0.001	0.005	0.290	0.003	1.750	1.758	0.285	2.043	296.9
81 05 20 0915		.3	1	0.027	0.001	0.060	0.500	0.011	1.410	1.481	0.440	1.921	307.4
81 06 16 0920		.3	1	0.057	0.001	0.015	0.360	0.006	0.280	0.301	0.345	0.646	309.5
81 07 21 0910		.3	1	0.004	0.001	0.035	0.320	0.008	1.560	1.603	0.285	1.888	298.0
81 08 18 0915		.3	1	0.009	0.001	0.015	0.350	0.003	1.210	1.228	0.335	1.563	281.6
81 09 29 0845		.3	1	0.006	0.001<	0.010	0.330	0.003	1.390	1.403	0.320	1.723	301.4
81 10 20 0845		.3	1	0.014	0.006	0.255	0.640	0.002	1.100	1.357	0.385	1.742	295.2
81 11 17 0840		.3	1	0.010	0.001<	0.010	0.360	0.002	1.730	1.742	0.350	2.092	299.1
81 12 15 0900		.3	1	0.002	0.002	0.010	0.250	0.002	1.910	1.922	0.240	2.162	288.9
	MAXIMUM			**0.057**	**0.006**	**0.255**	**0.640**	**0.011**	**2.15**	**2.157**	**0.440**	**2.382**	**309.5**
	ARITH MEAN			**0.014**	**0.002**	**0.037**	**0.352**	**0.004**	**1.39**	**1.437**	**0.316**	**1.752**	**296.8**
	GEOM MEAN			**0.009**	**0.001**	**0.016**	**0.338**	**0.003**	**1.13**	**1.184**	**0.310**	**1.605**	**296.7**
	MINIMUM			**0.002**	**0.001**	**0.005**	**0.230**	**0.002**	**0.160**	**0.169**	**0.225**	**0.514**	**281.6**
	STD DEV (GEOM *)			**0.015**	**0.002**	**0.071**	**0.115**	**0.003**	**0.63**	**0.632**	**0.065**	**0.600**	**7.9**
	# SAMPLES (IN STATISTICS)			**12**	**9**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*
81 01 20 0835		.3	1	2.0	292.9	510.0	1.60	6.000	264.0	8.13	1.000<	0.049	0.001<
81 02 26 1130		.3	1	3.30	232.40	400.0	0.85	9.5	197.0	7.90	~	0.055	0.001<
81 03 17 0940		.3		0.2	292.2	510	0.30	6.000	265.0	8.15	1.0 <	0.035	0.001<
81 04 22 0938		.3	1	2.4	294.5	482.0	0.45	6.000	253.0	8.23	1.000<		0.001<
81 05 20 0915		.3	1	6.0	301.4	493.0	0.95	7.500	252.0	8.27	2.000	0.044	0.001<
81 06 16 0920		.3	1	2.9	306.6	483.0	0.75	5.500		8.23	1.000<	0.04	0.001<
81 07 21 0910		.3	1	4.4	293.6	493.0	1.30	5.500		8.22	1.0 <		0.001<
81 08 18 0915		.3	1	1.0	280.6	465.0	0.45	5.000	251.0	8.32	1.000<	0.25	0.001<
81 09 29 0845		.3	1	2.3	299.1	496.0	0.30	5.500	256.0	8.31	1.000<	0.040	0.001<
81 10 20 0845		.3	1	0.5	294.7	485.0	0.30	8.000	243.0	8.22	1.000<		0.001<
81 11 17 0840		.3	1	2.9	296.2	496.0	1.50	6.500	256.0	8.18	1.000<		0.001<
81 12 15 0900		.3	1	1.2	287.7	499.0	0.40	7.000	266.0	8.22	1.000<		0.001<

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
MAXIMUM				6.0	306.6	510.0	1.60	9.5	266.0	8.32	2.000	0.25	
ARITH MEAN				2.4	289.3	484	0.76	6.5	250.3	8.20	2.000	0.07	
GEOM MEAN				1.7	288.6	483	0.63	6.3	249.5	8.20		0.05	
MINIMUM				0.2	232.40	400.0	0.30	5.000	197.0	7.90	2.000	0.035	
STD DEV (GEOM *)				1.6	19.0	29	0.48	1.2	20.1	0.11		0.07	
# SAMPLES (IN STATISTICS)				12	12	12	12	12	10	12	1	7	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L	P3245T 2,4,5-T NG/L
81 01 20 0835		.3	1	0.001<	0.0005<	0.003<	0.0002<		0.003 <		20<W	
81 02 26 1130		.3	1	0.002<	0.001 <	0.003<	0.0004	0.007	0.002 <	0.010<	20<W	50<W
81 03 17 0940		.3		0.002<	0.001 <	0.003<	0.0002<		0.003 <	0.010<		
81 04 22 0938		.3	1	0.002<	0.001 <	0.003<	0.0002<	0.002		0.010<	20<W	
81 05 20 0915		.3	1	0.002<	0.001	0.009	0.0002<	0.003		0.010<	20<W	
81 06 16 0920		.3	1	0.006	0.003	0.004	0.0001<		0.0005<	0.01 <	20<W	
81 07 21 0910		.3	1	0.003	0.003	0.003<	0.0001<	0.001		0.01 <	20<W	
81 08 18 0915		.3	1	0.003	0.028	0.003<	0.0001<		0.001	0.01 <	20<W	
81 09 29 0845		.3	1	0.087	0.130	0.003<	0.0001<	0.031	0.017	0.010<	20<W	
81 10 20 0845		.3	1	0.003	0.008	0.004	0.0003		0.001 <	0.005<T	20<W	
81 11 17 0840		.3	1	0.040	0.004	0.004	0.0003	0.004	0.001 <	0.005<T	20<W	
81 12 15 0900		.3	1	0.004	0.008	0.003<	0.0001	0.005	0.001	0.005<T	20<W	
MAXIMUM				0.087	0.130	0.009	0.0004	0.031	0.017	0.005		50
ARITH MEAN				0.021	0.023	0.005	0.0003	0.008	0.008	0.005<A		50<A
GEOM MEAN				0.008	0.007	0.005	0.0002	0.004	0.002	0.005<A		
MINIMUM				0.003	0.001	0.004	0.0001	0.001	0.001	0.005		50
STD DEV (GEOM *)				0.032	0.044	0.002	0.0001	0.011	0.009	0.000<A		
# SAMPLES (IN STATISTICS)				7	8	4	4	7	3	3		1

B.O.W. / SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT TOWNSHIP ROAD, DOWNSTREAM OF PAISLEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-007-02**
STORET CODE: **02 002 1260**

LAT: LONG: U T M: **17 0477650.0 4907075.0 4** REGION: **01** DISTANCE: **35.083**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1131		.3	1	42505	6	270	630	124	24	4<	0.0	12.0	0.6
81 02 16 1050		.3	1	42522	6	360	1410	108	28	4<	1.0	12.0	1.0
81 03 16 1135		.3	1	42539	6	130	1400	4	4	4<	0.0	12.5	1.5
81 04 21 1120		.3	1	42556	6	30I	1540	16	4<	4<	7.0	11.0	0.8
81 05 19 1120		.3	1	42573	6	124C	1280	8	4<	4<	12.0	10.0	1.2
81 06 15 1110		.3	1	42590	6	290C	5900	76	8	4<	22.0	8.0	0.4
81 07 20 1055		.3	1	42607	6	250C	4500	72	64	4<	24.0	7.0	0.9
81 08 17 1100		.3	1	42624	6	350C	16000	124	28	4<	19.0	8.0	0.8
81 09 28 1040		.3	1	42641	6	510C	4200	128	44	4<	12.0	11.0	0.6
81 10 19 1100		.3	1	42658	6	4800	12000	600>	600>	16	2.0	10.0	1.2
81 11 16 1100		.3	1	42675	6	40	80	10I	10<	4<	3.0	11.0	1.8
81 12 14 1100		.3	1	42692	6	244	224	128	16	4<	0.0	12.5	1.4
MAXIMUM						4800	16000	128	64	16	24.0	12.5	1.8
ARITH MEAN						616	4097	73	27	16	11.3	10.4	1.0
GEOM MEAN						235	1769	42	20		7.3	10.2	0.9
MINIMUM						30	80	4	4	16	1.0	7.0	0.4
STD DEV (GEOM *)						4*	5*	4*	2*		8.8	1.9	0.4
# SAMPLES (IN STATISTICS)						12	12	11	8	1	9	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 19 1131		.3	1	0.017	0.009	0.085	0.450	0.013	1.460	1.558	0.365	1.923	368.4
81 02 16 1050		.3	1	0.030	0.011	0.085	0.570	0.014	1.640	1.739	0.485	2.224	356.6
81 03 16 1135		.3	1	0.024	0.007	0.035	0.330	0.005	1.840	1.880	0.295	2.175	341.0
81 04 21 1120		.3	1	0.013	0.002	0.010	0.420	0.005	0.880	0.895	0.410	1.305	302.9
81 05 19 1120		.3	1	0.020	0.001	0.015	0.440	0.006	0.610	0.631	0.425	1.056	314.6
81 06 15 1110		.3	1	0.050	0.004	0.040	0.500	0.020	0.620	0.680	0.460	1.140	364.5
81 07 20 1055		.3	1	0.021	0.001	0.050	0.430	0.006	0.330	0.386	0.380	0.766	402.8
81 08 17 1100		.3	1	0.027	0.002	0.025	0.440	0.008	0.470	0.503	0.415	0.918	409.6
81 09 28 1040		.3	1	0.019	0.003	0.015	0.400	0.004	0.690	0.709	0.385	1.094	400.0
81 10 19 1100		.3	1	0.060	0.011	0.010	0.670	0.007	0.780	0.797	0.660	1.457	381.0
81 11 16 1100		.3	1	0.053	0.044	0.005	0.390	0.003	1.040	1.048	0.385	1.433	374.1
81 12 14 1100		.3	1	0.015	0.004	0.030	0.470	0.006	1.490	1.526	0.440	1.966	353.8
MAXIMUM				0.060	0.044	0.085	0.670	0.020	1.840	1.880	0.660	2.224	409.6
ARITH MEAN				0.029	0.008	0.034	0.459	0.008	0.987	1.029	0.425	1.455	364.1
GEOM MEAN				0.026	0.004	0.024	0.452	0.007	0.871	0.915	0.418	1.376	362.7
MINIMUM				0.013	0.001	0.005	0.330	0.003	0.330	0.386	0.295	0.766	302.9
STD DEV (GEOM *)				0.016	0.012	0.027	0.089	0.005	0.500	0.513	0.089	0.501	33.2
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	12	12	12	12

(CONTD)

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT TOWNSHIP ROAD, DOWNSTREAM OF PAISLEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-007-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0477650.0 4907075.0 4** REGION: **01** DISTANCE: **35.083**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 1131		.3	1	3.8	364.6	600.0	2.70	9.500	7.82
81 02 16 1050		.3	1	9.5	347.1	560.0	2.60	11.000	7.83
81 03 16 1135		.3	1	1.25	328.5	530.0	6.40	8.500	8.22
81 04 21 1120		.3	1	4.7	298.2	488.0	2.60	7.500	8.36
81 05 19 1120		.3	1	10.9	303.7	452.0	4.60	7.000	8.41
81 06 15 1110		.3	1	20.1	344.4	488.0	9.60	6.500	8.29
81 07 20 1055		.3	1	24.4	378.4	575.0	8.80	9.500	8.13
81 08 17 1100		.3	1	13.7	395.9	565.0	8.90	9.000	8.33
81 09 28 1040		.3	1	11.7	388.3	580.0	6.70	9.000	8.36
81 10 19 1100		.3	1	20.0	361.0	545.0	21.00	9.500	8.24
81 11 16 1100		.3	1	4.1	370.0	580.0	2.60	8.500	8.35
81 12 14 1100		.3	1	5.6	348.2	560.0	3.00	9.000	8.25
	MAXIMUM			**24.4**	**395.9**	**600.0**	**21.00**	**11.000**	**8.41**
	ARITH MEAN			**10.8**	**352.4**	**543.6**	**6.62**	**8.708**	**8.22**
	GEOM MEAN			**8.1**	**351.1**	**541.8**	**5.25**	**8.625**	**8.21**
	MINIMUM			**1.25**	**298.2**	**452.0**	**2.60**	**6.500**	**7.82**
	STD DEV (GEOM *)			7.4	30.7	45.3	5.28	1.233	0.20
	# SAMPLES (IN STATISTICS)			12	12	12	12	12	12

B.O.W./ SITE: **NORTH SAUGEEN RIVER**
SAMPLE POINT: **AT ELDERSLIE TOWNSHIP ROAD 25 AND 26**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-009-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0490350.0 4904500.0 4** REGION: **01** DISTANCE: **55.360**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 19 1230		.3	1	42506	6	1.720	1600	1400	324	148	4	0.0	13.0
81 02 16 1130		.3	1	42523	4	4.590	5600	21800	920	32	8	0.0	12.0
81 03 16 1200		.3	1	42540	6	5.200	180	1500	44	12	4<	0.0	12.5
81 04 21 1200		.3	1	42557	6	6.140	10I	1120	4<	4<	4<	7.0	11.5
81 05 19 1150		.3	1	42574	6	5.370	76C	132	4	8	4<	12.0	10.5
81 06 15 1140		.3	1	42591	6	3.820	10900C	28000	600>	92	8	23.0	9.0
81 07 20 1125		.3	1	42608	6	1.880	4800C	97000	1700	1040	28	25.0	8.5
81 08 17 1130		.3	1	42625	6	2.440	17000	98000	1500>	480	4<	20.0	8.0
81 09 28 1100		.3	1	42642	6	3.090	3000I	13000	200I	270	4<	11.0	10.0
81 10 19 1130		.3	1	42659	6	4.530	220	270	350	580	4	5.0	11.0
81 11 16 1130		.3	1	42676	6	2.960	10	20	10<	10<	4<	5.0	11.0
81 12 14 1125		.3	1	42693	6	3.290	1900	1700	456	196	4<	0.0	12.0
	MAXIMUM					**6.140**	**17000**	**98000**	**1700**	**1040**	**28**	**25.0**	**13.0**
	ARITH MEAN					**3.752**	**3775**	**21995**	**500**	**286**	**10**	**13.5**	**10.7**
	GEOM MEAN					**3.487**	**699**	**2782**	**203**	**120**	**8**	**11.3**	**10.6**
	MINIMUM					**1.720**	**10**	**20**	**4**	**8**	**4**	**5.0**	**8.0**
	STD DEV (GEOM *)					1.426	13*	14*	7*	5*	2*	8.1	1.6
	# SAMPLES (IN STATISTICS)					12	12	12	8	10	5	8	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 19 1230		.3	1	0.8	0.015	0.009	0.060	0.320	0.003	0.960	1.023	0.260	1.283
81 02 16 1130		.3	1	0.2	0.026	0.014	0.080	0.390	0.005	1.030	1.115	0.310	1.425
81 03 16 1200		.3	1	1.4	0.025	0.005	0.025	0.280	0.003	0.930	0.958	0.255	1.213
81 04 21 1200		.3	1	0.6	0.014	0.001	0.005	0.290	0.002	0.590	0.597	0.285	0.882
81 05 19 1150		.3	1	0.9	0.022	0.001	0.010	0.370	0.003	0.440	0.453	0.360	0.813
81 06 15 1140		.3	1	0.5	0.044	0.005	0.030	0.390	0.006	0.330	0.366	0.360	0.726
81 07 20 1125		.3	1	0.8	0.021	0.003	0.025	0.380	0.005	0.240	0.270	0.355	0.625
81 08 17 1130		.3	1	1.0	0.045	0.008	0.020	0.460	0.006	0.260	0.286	0.440	0.726
81 09 28 1100		.3	1	0.7	0.021	0.009	0.005	0.330	0.004	0.330	0.339	0.325	0.664
81 10 19 1130		.3	1	1.4	0.016	0.001<	0.005<	0.360	0.004	0.400	0.409	0.355	0.764
81 11 16 1130		.3	1	1.2	0.012	0.003	0.005<	0.290	0.002	0.560	0.567	0.285	0.852
81 12 14 1125		.3	1	1.0	0.015	0.008	0.025	0.360	0.002	0.730	0.757	0.335	1.092
	MAXIMUM			**1.4**	**0.045**	**0.014**	**0.080**	**0.460**	**0.006**	**1.030**	**1.115**	**0.440**	**1.425**
	ARITH MEAN			**0.9**	**0.023**	**0.006**	**0.028**	**0.352**	**0.004**	**0.567**	**0.595**	**0.327**	**0.922**
	GEOM MEAN			**0.8**	**0.021**	**0.005**	**0.020**	**0.348**	**0.003**	**0.503**	**0.531**	**0.323**	**0.890**
	MINIMUM			**0.2**	**0.012**	**0.001**	**0.005**	**0.280**	**0.002**	**0.240**	**0.270**	**0.255**	**0.625**
	STD DEV (GEOM *)			0.4	0.011	0.004	0.024	0.052	0.001	0.284	0.299	0.052	0.265
	# SAMPLES (IN STATISTICS)			12	12	11	10	12	12	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 1230		.3	1	281.9	2.6	279.3	480.0	6.70	4.500	7.88
81 02 16 1130		.3	1	281.4	4.3	277.1	472.0	1.40	6.500	7.90
81 03 16 1200		.3	1	260.7	7.0	253.7	440.0	5.00	4.000	8.23
81 04 21 1200		.3	1	264.6	5.8	258.8	415.0	2.60	3.500	8.36
81 05 19 1150		.3	1	259.4	7.0	252.4	420.0	3.10	4.000	8.45
81 06 15 1140		.3	1	269.2	12.7	256.5	420.0	5.20	3.000	8.38
81 07 20 1125		.3	1	265.0	17.4	243.100	374.0	7.00	4.000	8.34
81 08 17 1130		.3	1	268.8	17.5	258.100	397.0	7.70	4.000	8.53
81 09 28 1100		.3	1	272.8	5.5	267.3	431.0	2.60	4.000	8.51
81 10 19 1130		.3	1	271.8	3.8	268.0	435.0	2.30	5.000	8.44
81 11 16 1130		.3	1	282.8	7.2	275.6	445.0	3.70	4.000	8.36
81 12 14 1125		.3	1	254.4	2.5	251.9	438.0	2.10	5.000	8.31

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
MAXIMUM				282.8	17.5	279.3	480.0	7.70	6.500	8.53
ARITH MEAN				269.4	7.8	261.8	430.6	4.12	4.292	8.31
GEOM MEAN				269.3	6.4	261.5	429.7	3.61	4.215	8.30
MINIMUM				254.4	2.5	243.100	374.0	1.40	3.000	7.88
STD DEV (GEOM *)				9.2	5.3	11.4	29.1	2.14	0.891	0.21
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	12

B.O.W./SITE: **OTTER CREEK**
SAMPLE POINT: **AT BRUCE COUNTY ROAD 16 NORTH OF MILDMAY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FC108**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-010-02**
STORET CODE: **02 002 1260**

LAT LONG: U.T.M. **17 0489800.0 4873375.0 4** REGION: **01** DISTANCE: **87.868**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 0850		.3	1	42500	6	220	480	64	56	4<	0.0	12.5	0.9
81 02 16 0845		.3	1	42517	6	800	970	230	110	4<	2.0	12.0	1.2
81 03 16 0845		.3	1	42534	6	60I	270	48	16	4<	0.0	12.0	0.8
81 04 21 0850		.3	1	42551	6	56	760	4<	4<	4<	4.0	11.5	0.9
81 05 19 0855		.3	1	42568	6	344C	880	20	8	4<	9.0	10.0	1.1
81 06 15 0850		.3	1	42585	6	53000>	240000>	600>	600>	72	19.0	8.0	1.3
81 07 20 0840		.3	1	42602	6	100<	6700	20I	90I	4<	19.0	9.0	0.9
81 08 17 0845		.3	1	42619	6	3600C	42000	300	450	8	14.0	8.0	0.9
81 09 28 0830		.3	1	42636	6						10.0	11.0	0.7
81 10 19 0850		.3	1	42653	6	5900	10100	1200	1500>	4<	1.0	10.0	1.3
81 11 16 0840		.3	1	42670	6	100I	100<	10<	100<	4<	4.0	10.5	1.0
81 12 14 0845		.3	1	42687	6						2.0	11.0	1.9
MAXIMUM						5900	42000	1200	450	72	19.0	12.5	1.9
ARITH MEAN						1385	7770	269	122	40	8.4	10.5	1.1
GEOM MEAN						380	1983	100	56	24	5.6	10.4	1.0
MINIMUM						56	270	20	8	8	1.0	8.0	0.7
STD DEV (GEOM *)						6*	6*	5*	4*	5*	6.9	1.5	0.3
# SAMPLES (IN STATISTICS)						8	8	7	6	2	10	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 19 0850		.3	1	0.022	0.006	0.030	0.370	0.010	2.400	2.440	0.340	2.780	356.3
81 02 16 0845		.3	1	0.038	0.005	0.050	0.560	0.013	2.400	2.463	0.510	2.973	362.4
81 03 16 0845		.3	1	0.019	0.003	0.010	0.390	0.006	3.090	3.106	0.380	3.486	353.6
81 04 21 0850		.3	1	0.019	0.003	0.010	0.330	0.007	2.300	2.317	0.320	2.637	342.9
81 05 19 0855		.3	1	0.020	0.004	0.025	0.470	0.011	2.100	2.136	0.445	2.581	347.2
81 06 15 0850		.3	1	0.063	0.013	0.045	0.680	0.028	1.730	1.803	0.635	2.438	368.2
81 07 20 0840		.3	1	0.021	0.006	0.015	0.350	0.010	1.630	1.655	0.335	1.990	356.6
81 08 17 0845		.3	1	0.038	0.007	0.030	0.580	0.012	1.360	1.402	0.550	1.952	357.4
81 09 28 0830		.3	1	0.029	0.009	0.020	0.420	0.009	1.690	1.719	0.400	2.119	367.4
81 10 19 0850		.3	1	0.058	0.017	0.005	0.650	0.006	1.630	1.641	0.645	2.286	384.8
81 11 16 0840		.3	1	0.017	0.003	0.005	0.340	0.006	2.190	2.201	0.335	2.536	372.0
81 12 14 0845		.3	1	0.011	0.005	0.015	0.330	0.007	2.700	2.722	0.315	3.037	337.5
MAXIMUM				0.063	0.017	0.050	0.680	0.028	3.090	3.106	0.645	3.486	384.8
ARITH MEAN				0.030	0.007	0.022	0.456	0.010	2.102	2.134	0.434	2.568	358.9
GEOM MEAN				0.026	0.006	0.017	0.440	0.009	2.046	2.079	0.420	2.532	358.6
MINIMUM				0.011	0.003	0.005	0.330	0.006	1.360	1.402	0.315	1.952	337.5
STD DEV (GEOM *)				0.017	0.004	0.015	0.129	0.006	0.510	0.506	0.122	0.456	13.2
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 19 0850		.3	1	13.4	342.9	540.0	4.0	10.500	7.90
81 02 16 0845		.3	1	7.5	354.9	590.0	1.80	15.000	8.09
81 03 16 0845		.3	1	4.3	349.3	560.0	1.50	10.000	8.12
81 04 21 0850		.3	1	4.4	338.5	550.0	1.40	10.000	8.14
81 05 19 0855		.3	1	6.4	340.8	535.0	1.60	9.500	8.16
81 06 15 0850		.3	1	25.8	342.4	515.0	9.90	9.000	8.00
81 07 20 0840		.3	1	8.3	348.3	565.0	2.20	10.000	8.26
81 08 17 0845		.3	1	10.0	347.4	550.0	4.20	9.000	8.16
81 09 28 0830		.3	1	7.6	359.8	580.0	3.00	10.000	8.14
81 10 19 0850		.3	1	16.2	368.6	580.0	4.60	11.500	8.06
81 11 16 0840		.3	1	3.0	369.0	595.0	2.20	10.000	8.15
81 12 14 0845		.3	1	4.8	332.7	565.0	1.20	10.000	8.34
MAXIMUM				25.8	369.0	595.0	9.90	15.000	8.34
ARITH MEAN				9.3	349.5	560.4	3.1	10.375	8.13
GEOM MEAN				7.7	349.4	559.9	2.5	10.281	8.13
MINIMUM				3.0	332.7	515.0	1.20	9.000	7.90
STD DEV (GEOM *)				6.5	11.5	23.8	2.4	1.597	0.11
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **DURHAM CONSERVATION AREA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-015-02**
STORET CODE: **02 002 1260**

LAT. LONG. U T M: **17 0516050.0 4891650.0 4** REGION: **01** DISTANCE: **131.158**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 20 0945		.3	1	42515	4	10<	110	8	4<	4<	0.0	11.0	0.6
81 02 26 1400		.3	1	41005	3	10I	80	4	16	4<	1.3	10.8	
81 03 17 1030		.3		42549	6	8	160	0.8	4<	4<		12.0	1.2
81 04 22 1037		.3	1	42566	6	4<	24	4 <	4<	4<	7.0	11.0	0.6
81 05 20 1005		.3	1	42583	6	32	1240	8	4<	4<	11.0	10.0	1.0
81 06 16 1010		.3	1	42600	6	580C	6100	128	248	16	21.0	8.0	0.7
81 07 21 1000		.3	1	42617	6	270	2190	140	20	4<	20.0	7.0	0.5
81 08 18 1000		.3	1	42634	6	200C	5500	50 I	30I	4<	16.0	8.0	0.9
81 09 29 0920		.3	1	42651	6	260C	3500	52	36	4<	13.0	10.0	0.2
81 10 20 0940		.3	1	42668	6	1100	3500	108	88	8	5.0	11.0	0.9
81 11 17 0920		.3	1	42685	6	10<	220	20 I	12	4<	5.0	11.5	1.0
81 12 15 0940		.3	1	42702	6	12	188	4 <	4<	4<	0.0	12.0	0.5
MAXIMUM						**1100**	**6100**	**140**	**248**	**16**	**21.0**	**12.0**	**1.2**
ARITH MEAN						**275**	**1901**	**51**	**64**	**12**	**11.0**	**10.2**	**0.7**
GEOM MEAN						**87**	**584**	**21**	**37**	**11**	**8.4**	**10.1**	**0.7**
MINIMUM						**8**	**24**	**0.8**	**12**	**8**	**1.3**	**7.0**	**0.2**
STD DEV (GEOM *)						**7***	**7***	**5 ***	**3***	**2***	**7.0**	**1.7**	**0.3**
# SAMPLES (IN STATISTICS)						**9**	**12**	**10**	**7**	**2**	**9**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 20 0945		.3	1	0.007	0.001	0.030	0.370	0.002	0.780	0.812	0.340	1.152	267.0
81 02 26 1400		.3	1	0.024	0.003	0.005	0.330	0.004	0.490	0.499	0.325	0.824	
81 03 17 1030		.3		0.006	0.001	0.005	0.280	0.002	0.700	0.707	0.275	0.982	260.5
81 04 22 1037		.3	1	0.008	0.001	0.005	0.350	0.002	0.330	0.337	0.345	0.682	258.8
81 05 20 1005		.3	1	0.019	0.006	0.010	0.460	0.002	0.230	0.242	0.450	0.692	253.1
81 06 16 1010		.3	1	0.180	0.177	0.015	0.480	0.004	1.430	1.449	0.465	1.914	263.9
81 07 21 1000		.3	1	0.018	0.001	0.025	0.360	0.004	0.480	0.509	0.335	0.844	249.3
81 08 18 1000		.3	1	0.012	0.001<	0.015	0.440	0.002	0.360	0.377	0.425	0.802	251.2
81 09 29 0920		.3	1	0.010	0.001<	0.005	0.480	0.001	0.220	0.226	0.475	0.701	286.8
81 10 20 0940		.3	1	0.015	0.001<	0.005<	0.570	0.002	0.110	0.117	0.565	0.682	266.0
81 11 17 0920		.3	1	0.006	0.001<	0.005<	0.410	0.001	0.310	0.316	0.405	0.721	268.2
81 12 15 0940		.3	1	0.003	0.001	0.005<	0.370	0.001	0.500	0.506	0.365	0.871	252.2
MAXIMUM				**0.180**	**0.177**	**0.030**	**0.570**	**0.004**	**1.430**	**1.449**	**0.565**	**1.914**	**286.8**
ARITH MEAN				**0.026**	**0.024**	**0.013**	**0.408**	**0.002**	**0.495**	**0.508**	**0.397**	**0.906**	**261.5**
GEOM MEAN				**0.013**	**0.003**	**0.010**	**0.401**	**0.002**	**0.404**	**0.417**	**0.390**	**0.863**	**261.3**
MINIMUM				**0.003**	**0.001**	**0.005**	**0.280**	**0.001**	**0.110**	**0.117**	**0.275**	**0.682**	**249.3**
STD DEV (GEOM *)				**0.049**	**0.062**	**0.009**	**0.081**	**0.001**	**0.353**	**0.357**	**0.082**	**0.347**	**10.8**
# SAMPLES (IN STATISTICS)				**12**	**8**	**9**	**12**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	PHNOL	FEUT	ASUT
81 01 20 0945		.3	1	1.9	265.1	474.0	1.10	5.500	244.0	8.07	1.000<	0.065	0.001<
81 02 26 1400		.3	1	4.70	194.000	298.0	1.60		148.0	8.04		0.190	0.001<
81 03 17 1030		.3		0.1	260.4	448.0	0.55	5.500	233.0	8.20	1.0	0.094	0.001
81 04 22 1037		.3	1	1.9	256.9	400.0	0.65	5.500	208.0	8.41	1.000<		0.001<
81 05 20 1005		.3	1	4.3	248.8	397.0	0.95	5.000	208.0	8.31	1.000<		0.001<
81 06 16 1010		.3	1	3.4	260.5	405.0	1.50	4.500		8.27	1.000<	0.076	0.001<
81 07 21 1000		.3	1	8.2	241.1	415.0	1.90	6.000		8.28			0.001<
81 08 18 1000		.3	1	3.3	247.9	407.0	1.50	6.000	214.0	8.28	1.000<	0.042	0.001<
81 09 29 0920		.3	1	4.2	282.6	438.0	0.90	5.000	224.0	8.32	1.000<	0.190	0.001<
81 10 20 0940		.3	1	3.6	262.4	415.0	0.95	6.000	210.0	8.29	1.000		0.001<
81 11 17 0920		.3	1	3.6	264.6	424.0	1.20	5.500	221.0	8.32	1.000<		0.001<
81 12 15 0940		.3	1	0.6	251.6	424.0	0.45	5.500	225.0	8.24	1.000<		0.001<
MAXIMUM				**8.2**	**282.6**	**474.0**	**1.90**	**6.000**	**244.0**	**8.41**	**1.0**	**0.190**	**0.001**
ARITH MEAN				**3.3**	**252.9**	**412.1**	**1.10**	**5.455**	**213.5**	**8.25**	**1.0**	**0.109**	**0.001**
GEOM MEAN				**2.3**	**252.0**	**409.8**	**1.01**	**5.435**	**211.9**	**8.25**	**1.0**	**0.094**	
MINIMUM				**0.1**	**194.000**	**298.0**	**0.45**	**4.500**	**148.0**	**8.04**	**1.0**	**0.042**	**0.001**
STD DEV (GEOM *)				**2.1**	**21.4**	**42.2**	**0.46**	**0.472**	**25.8**	**0.11**	**0.0**	**0.065**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**11**	**10**	**12**	**2**	**6**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L	PENTACHL PHENOL NG/L
TEST-NAME:				HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT	NIUT	CCNAUR	P1PCBT	X3PCPH
81 01 20 0945		.3	1		0.001	0.0005<	0.003<	0.0002<		0.003 <	0.010<	20<W	50<W
81 02 26 1400		.3	1		0.002	0.001 <	0.003<	0.0005	0.002	0.002 <	0.010<	20<W	
81 03 17 1030		.3			0.002<	0.001 <	0.003<	0.0002<		0.003 <	0.010		
81 04 22 1037		.3	1		0.002<	0.001 <	0.003<	0.0002<	0.001<		0.010<	20<W	
81 05 20 1005		.3	1		0.002<	0.001 <	0.005	0.0002<	0.002		0.010<	20<W	
81 06 16 1010		.3	1		0.006	0.003	0.003	0.0001<		0.0005<	0.01 <	20<W	
81 07 21 1000		.3	1		0.002	0.002	0.003<	0.0001<	0.002		0.01 <	20<W	
81 08 18 1000		.3	1		0.003	0.005	0.003<	0.0007		0.001	0.01 <	20<W	
81 09 29 0920		.3	1	0.06<	0.004	0.008	0.003<	0.0001<	0.001	0.001	0.010<	20<W	
81 10 20 0940		.3	1		0.005	0.011	0.014	0.0006		0.004	0.005<T	20<W	
81 11 17 0920		.3	1		0.003	0.004	0.003<	0.0002	0.000	0.001 <	0.005<T	20<W	
81 12 15 0940		.3	1		0.003	0.011	0.003<	0.0002	0.004	0.002	0.005<T	20<W	
MAXIMUM					**0.006**	**0.011**	**0.014**	**0.0007**	**0.004**	**0.004**	**0.010**		**50**
ARITH MEAN					**0.003**	**0.006**	**0.007**	**0.0004**	**0.002**	**0.002**	**0.006<A**		**50<A**
GEOM MEAN					**0.003**	**0.005**	**0.006**	**0.0004**	**0.002**	**0.001**	**0.006<A**		
MINIMUM					**0.001**	**0.002**	**0.003**	**0.0002**	**0.001**	**0.001**	**0.005**		**50**
STD DEV (GEOM *)					**0.002**	**0.003**	**0.006**	**0.0002**	**0.001**	**0.001**	**0.002<A**		
# SAMPLES (IN STATISTICS)					**9**	**7**	**3**	**5**	**5**	**4**	**4**		**1**

(CONTD)

TEST-NAME: P3245T

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	2,4,5-T NG/L
81 01 20 0945		.3	1	50<W
81 02 26 1400		.3	1	50<W
MAXIMUM				50
ARITH MEAN				50<A
GEOM MEAN				50<A
MINIMUM				50
STD DEV (GEOM *)				0<A
# SAMPLES (IN STATISTICS)				2

B.O.W./SITE: **SOUTH SAUGEEN RIVER**
SAMPLE POINT: **AT WELLINGTON COUNTY ROAD 9**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-016-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0518675.0 4866600.0 4** REGION: **02** DISTANCE: **132.284**

TEST-NAME: SAMPLE FWSTRC TCMF TCMFBK FCMF FSMF PSAMF FWTEMP DO BOD5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1030		.3	1	42516	6	10<	260	8	4<	4<	0.0	11.5	1.1
81 02 17 1110		.3	1	42533	6	560	1380	50I	64	4<	0.0	11.0	1.1
81 03 17 1120		.3	1	42550	6	12	112	4	4<	4<	0.0	12.0	1.2
81 04 22 1115		.3	1	42567	6	4<	1040	4	4<	4<	6.0	11.5	0.8
81 05 20 1035		.3	1	42584	6	1700	8300	4	8	4<	14.0	11.0	1.4
81 06 16 1045		.3	1	42601	6						23.0	9.5	0.8
81 07 21 1030		.3	1	42618	6	210C	24000>	96	50I	4<	20.0	9.0	0.8
81 08 18 1040		.3	1	42635	6	2600	13000	56	28	4<	17.0	10.5	1.0
81 09 29 1000		.3	1	42652	6	1160C	5100	372	204	4<	10.0	11.0	0.6
81 10 20 1045		.3	1	42669	6	310C	5100	10<	480	4<	5.0	11.0	0.9
81 11 17 1010		.3	1	42686	6	30I	260	4<	12	4<	5.0	11.5	1.3
81 12 15 1050		.3	1	42703	6	24	272	4<	4<	4<	0.0	11.5	1.3
MAXIMUM						**2600**	**13000**	**372**	**480**		**23.0**	**12.0**	**1.4**
ARITH MEAN						**734**	**3482**	**74**	**121**		**12.5**	**10.9**	**1.0**
GEOM MEAN						**227**	**1236**	**22**	**51**		**10.6**	**10.9**	**1.0**
MINIMUM						**12**	**112**	**4**	**8**		**5.0**	**9.0**	**0.6**
STD DEV (GEOM *)						**7***	**5***	**6***	**4***		**7.1**	**0.9**	**0.2**
# SAMPLES (IN STATISTICS)						**9**	**10**	**8**	**7**		**8**	**12**	**12**

TEST-NAME: PPUT PPO4FR NNHTFR NNTKUR NNO2FR NNO3FR NNTIFR NNKUR NNKI RST

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1030		.3	1	0.014	0.004	0.070	0.500	0.006	1.300	1.376	0.430	1.806	307.0
81 02 17 1110		.3	1	0.027	0.011	0.085	0.670	0.010	1.290	1.385	0.585	1.970	325.6
81 03 17 1120		.3	1		0.002	0.015	0.420	0.004			0.405		284.2
81 04 22 1115		.3	1	0.013	0.001	0.025	0.540	0.003	0.450	0.478	0.515	0.993	270.6
81 05 20 1035		.3	1	0.014	0.001	0.010	0.600	0.003	0.250	0.263	0.590	0.853	259.4
81 06 16 1045		.3	1	0.032	0.003	0.025	0.810	0.012	0.410	0.447	0.785	1.232	284.5
81 07 21 1030		.3	1	0.013	0.001	0.055	0.600	0.030	1.300	1.385	0.545	1.930	277.8
81 08 18 1040		.3	1	0.023	0.003	0.015	0.600	0.011	0.460	0.486	0.585	1.071	274.9
81 09 29 1000		.3	1	0.033	0.004	0.010	0.770	0.004	0.540	0.554	0.760	1.314	318.0
81 10 20 1045		.3	1	0.029	0.010	0.005<	0.630	0.002	0.450	0.457	0.625	1.082	306.4
81 11 17 1010		.3	1	0.020	0.001	0.005<	0.540	0.003	0.760	0.768	0.535	1.303	326.7
81 12 15 1050		.3	1	0.009	0.005	0.005	0.500	0.004	1.020	1.029	0.495	1.524	289.0
MAXIMUM				**0.033**	**0.011**	**0.085**	**0.810**	**0.030**	**1.300**	**1.385**	**0.785**	**1.970**	**326.7**
ARITH MEAN				**0.021**	**0.004**	**0.031**	**0.598**	**0.008**	**0.748**	**0.784**	**0.571**	**1.371**	**293.7**
GEOM MEAN				**0.019**	**0.003**	**0.022**	**0.589**	**0.006**	**0.650**	**0.680**	**0.561**	**1.323**	**292.9**
MINIMUM				**0.009**	**0.001**	**0.005**	**0.420**	**0.002**	**0.250**	**0.263**	**0.405**	**0.853**	**259.4**
STD DEV (GEOM *)				**0.009**	**0.003**	**0.028**	**0.112**	**0.008**	**0.405**	**0.431**	**0.114**	**0.387**	**22.5**
# SAMPLES (IN STATISTICS)				**11**	**12**	**10**	**12**	**12**	**11**	**11**	**12**	**11**	**12**

TEST-NAME: RSP RSF COND25 TURB CLIDUR PH PBUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	LEAD UNF.TOT. MG/L AS PB
81 01 20 1030		.3	1	2.4	304.6	488.0	2.40	8.000	8.00	
81 02 17 1110		.3	1	12.5	313.1	482.0	3.00	8.500	7.92	
81 03 17 1120		.3	1	2.4	281.8	474.0	1.70	8.000	8.21	0.014
81 04 22 1115		.3	1	2.2	268.4	422.0	0.70	7.000	8.34	
81 05 20 1035		.3	1	3.7	255.7	339.0	0.90	6.000	8.57	
81 06 16 1045		.3	1	5.6	278.9	425.0	1.80	6.000	8.32	
81 07 21 1030		.3	1	5.5		458.0	1.80	13.000	8.26	
81 08 18 1040		.3	1	2.9	272.0	429.0	1.80	8.500	8.38	
81 09 29 1000		.3	1	6.3	311.7	470.0	2.30	9.500	8.23	
81 10 20 1045		.3	1	2.4	304.0	472.0	1.20	9.000	8.25	
81 11 17 1010		.3	1	4.0	322.7	484.0	1.30	8.000	8.36	
81 12 15 1050		.3	1	2.1	286.9	482.0	1.40	10.000	8.21	
MAXIMUM				**12.5**	**322.7**	**488.0**	**3.00**	**13.000**	**8.57**	**0.014**
ARITH MEAN				**4.3**	**290.9**	**452.1**	**1.69**	**8.458**	**8.25**	**0.014**
GEOM MEAN				**3.7**	**290.2**	**450.0**	**1.57**	**8.278**	**8.25**	
MINIMUM				**2.1**	**255.7**	**339.0**	**0.70**	**6.000**	**7.92**	**0.014**
STD DEV (GEOM *)				**3.0**	**21.5**	**42.9**	**0.65**	**1.888**	**0.17**	
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**1**

B.O.W / SITE: **SAUGEEN RIVER**
SAMPLE POINT: **BRUCE CO ROAD 3, NORTH OF BURGOYNE SR-6**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-030-82**
STORET CODE: **02 002 1260**

LAT LONG U.T.M: **17 0474075.0 4922390.0 4** REGION **01** DISTANCE: **11.909**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	MERCURY UNF.TOT. UG/L AS HG
TEST-NAME:				*SAMPLE*	*FWFLOW*	*PPUT*	*PPO4FR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*RSP*	*COND25*	*HGUT*
81 01 01 1400		3	1	51200	38.800	0.016							0.040<
81 01 05 0800		3	1	51201	36.200	0.017	0.011		1.390				0.040<
81 01 06 0800		3	1	51202	35.300	0.018							0.040<
81 01 07 0800		3	1	51203	34.800	0.018							0.040<
81 01 08 0800		3	1	51204	34.300								0.040<
81 01 09 0800		3	1	51205	33.900								0.040<
81 01 12 0900		3	1	51206	32.700	0.019							
81 01 13 0800		3	1	51207	32.200	0.016	0.012		1.500				0.040<
81 01 14 0800		3	1	51208	31.900	0.028							0.040<
81 01 15 0800		3	1	51209	31.600	0.019							0.050<
81 01 16 0800		3	1	51210	31.200	0.020	0.018		1.300				0.050<
81 01 17 1730		3	1	51211	30.800	0.020							0.050<
81 01 18 1730		3	1	51212	30.400	0.023							0.050<
81 01 19 0800		3	1	51213	30.100	0.021	0.017		1.420				0.050<
81 01 20 0800		3	1	51214	29.900	0.018							0.060<
81 01 21 0800		3	1	51215	29.700	0.019							0.060<
81 01 22 0800		3	1	51216	29.400	0.030	0.031		1.480				0.030<
81 01 23 0800		3	1	51217	29.200	0.018							0.030<
81 01 24 1630		3	1	51218	28.900	0.025							0.030<
81 01 25 1630		3	1	51219	28.800	0.021	0.021		1.430				0.030<
81 01 26 0800		3	1	51220	29.200	0.031							0.030<
81 01 27 0800		3	1	51221	30.300	0.021							0.050<
81 01 28 0800		3	1	51222	31.900	0.026	0.016		1.510				0.050<
81 01 29 0800		3	1	51223	33.700	0.009							0.050<
81 01 30 0800		3	1	51224	33.200	0.037	0.021		1.680				0.050<
81 01 31 1230		3	1	51225	30.400	0.051	0.037		1.630				0.060<
81 02 01 1030		3	1	51226	29.400	0.012							0.060<
81 02 02 0800		3	1	51227	32.100	0.042							0.060<
81 02 03 0800		3	1	51228	31.300	0.027	0.017		1.480				0.060<
81 02 05 0800		3	1	51229	29.900	0.035							0.070<
81 02 06 0800		3	1	51230	29.300	0.029							0.070<
81 02 08 1110		3	1	51231	28.700								0.040<
81 02 09 0800		3	1	51232	28.400	0.029							0.040<
81 02 10 0800		3	1	51233	28.200	0.035							0.040<
81 02 11 0800		3	1	51234	38.100	0.218	0.013		1.540				0.040<
81 02 12 1000		3	1	51235	47.200	0.078							0.040<
81 02 13 0800		3	1	51236	64.900	0.042							0.040<
81 02 14 0930		3	1	51237	71.200	0.046	0.031		2.010				0.040<
81 02 15 1230		3	1	51238	73.400	0.057							0.040<
81 02 16 0800		3	1	51239	75.800	0.033							0.040<
81 02 17 0800		3	1	51240	87.800	0.045	0.023		1.630				0.040<
81 02 18 0800		3	1	51241	144.000	0.088							0.040<
1630		3	1	51242	144.000	0.150							0.050<
81 02 19 0800		3	1	51243	252.000	0.170	0.045		1.990				0.050<
1630		3	1	51244	252.000	0.350							0.050<
81 02 20 0800		3	1	51245	366.000	0.170	0.053		2.140				
81 02 21 0800		3	1	51246	448.000	0.148							0.050<
1530		3	1	51247	448.000	0.228	0.066		2.190				0.060
81 02 22 0800		3	1	51248	467.000	0.170							0.050<
1630		3	1	51249	467.000	0.245	0.039		1.820				0.050<
81 02 23 0800		3	1	51250	742.000	0.195							0.050<
81 02 24 0800		3	1	51251	697.000	0.248	0.038		1.820				0.060<
1700		3	1	51252	697.000	0.294							0.060<
81 02 25 0800		3	1	51253	542.000	0.200	0.052		1.780				0.060<
1700		3	1	51254	542.000	0.100							0.050<
81 02 26 0800		3	1	51255	403.000	0.082	0.022		1.730				0.050<
1745		3	1	51256	403.000	0.072	0.017		1.780				0.050<
81 02 27 0800		3	1	51257	279.000								0.050<
81 02 28 0800		3	1	51258	264.000	0.070							0.050<
81 03 01 0830		3	1	51259	254.000	0.080							0.050<
81 03 02 0800		3	1	51260	213.000	0.058	0.024		1.840				0.050<
81 03 03 0800		3	1	51261	173.000	0.132							0.050<
81 03 04 0800		3	1	51262	142.000	0.040							0.050<
81 03 05 0800		3	1	51263	124.000	0.056							0.040<
81 03 06 0800		3	1	51264	116.000								0.040<
81 03 07 0930		3	1	51265	107.000	0.037							0.040<
81 03 08 0900		3	1	51266	97.800	0.064	0.034		1.980				0.040<
81 03 09 0830		3	1	51267	98.700	0.037							0.040<
81 03 10 1245		3	1	51268	102.000	0.039							0.040<
81 03 11 0800		3	1	51269	96.500	0.040	0.014		1.850				0.040<
81 03 12 1015		3	1	51270	89.900	0.035							0.040<
81 03 13 0800		3	1	51271	91.300	0.038							0.040<
81 03 14 0850		3	1	51272	83.300	0.031	0.015		1.890			520.0	0.040<
81 03 15 0930		3	1	51273	76.200	0.027							0.040<
81 03 16 0830		3	1	51274	69.800	0.027							0.040<
81 03 23 0830		3	1	51275	70.200	0.032	0.012		1.740			540.0	0.050<
81 03 30 0800		3	1	51276	141.000	0.052							0.040<
81 03 31 0800		3	1	51277	175.000	0.263							0.040<
81 04 01 0800		3	1	51278	194.000	0.095	0.012		0.940			390.0	0.040<
81 04 02 0800		3	1	51279	176.000	0.072							0.040<
81 04 03 0800		3	1	51280	139.000	0.044							0.040<
81 04 04 1645		3	1	51281	115.000	0.087	0.078		0.799				0.040<
81 04 05 1130		3	1	51282	100.000	0.047							0.040<
81 04 06 0800		3	1	51283	88.100	0.020							0.040<
81 04 07 0800		3	1	51284	78.100	0.019	0.007		0.878				0.030<
81 04 12 0730		3	1	51285	72.000	0.031							0.040<
81 04 20 0930		3	1	51286	68.900	0.047							0.030<
81 04 26 1500		3	1	51287	50.800	0.046	0.002		1.090			520.0	0.060<
81 05 11 0830		3	1	51288	130.000	0.155	0.026	0.031	1.070	1.100	83		0.04 <
81 05 12 0845		3	1	51289	195.000	0.330	0.095	0.034	2.420	2.450	102		0.05 <
81 05 13 0822		3	1	51290	161.000	0.095	0.027	0.044	1.810	1.850	50		0.05 <
81 05 14 0831		3	1	51291	128.000	0.062	0.013	0.027	1.270	1.300	30		
81 05 15 0930		3	1	51292	101.000	0.069	0.044	0.022	1.130	1.150	22		0.06 <
81 05 16 1330		3	1	51293	88.000	0.028	0.009	0.035	0.965	1.000	15		
81 05 17 1420		3	1	51294	81.000	0.083	0.063	0.025	0.875	0.900	11		0.06 <
81 05 19 0830		3	1	51295	62.200	0.036	0.007	0.020	0.700	0.720	8		0.06 <
81 05 26 0900		3	1	51296	34.400	0.022	0.005	0.002	0.665	0.665	6		0.08 <
81 06 08 0852		3	1	51298	27.700	0.025	0.004	0.028	0.590	0.620	7		0.08 <
81 06 15 0900		3	1	51299	31.400	0.033	0.008	0.001<T	0.745	0.745	7		0.05 <
81 06 22 0845		3	1	51300	24.200	0.015	0.008	0.003	0.515	0.520	32		
81 06 29 0840		3	1	51301	22.400	0.065	0.007	0.002	0.430	0.430	9		0.08 <
81 07 06 0915		3	1	51302	34.800	0.050	0.004	0.012	1.040	1.050	25		

(CONTD)

TEST-NAME:			SAMPLE	FWFLOW	PPUT	PPO4FR	NNO2FR	NNO3FR	NNOTFR	RSP	COND25	HGUT
81 07 13 0900	.3	1	51303	16.400	0.026	0.013	0.030	0.005	0.035	8		
81 07 20 0920	.3	1	51304	12.500	0.038	0.005	0.035	0.305	0.340	7		0.04 <
81 07 27 0900	.3	1	51305	11.000	0.038	0.006	0.019	0.350	0.370	11.0		0.05 <
81 08 10 0852	.3	1	51307	17.600	0.030	0.006	0.002	0.500	0.500	8.7		0.07 <
81 08 17 0833	.3	1	51308	21.000	0.028	0.005	0.025	0.465	0.490	15.7		0.05 <
81 08 24 0945	.3	1	51309	11.700		0.003	0.001<T	0.005<W	0.320	6.6		0.03 <
81 08 31 0855	.3	1	51310	63.700	0.120	0.013	0.002	0.950	0.950	114.0		0.06 <
81 09 02 0910	.3	1	51311	79.800	0.188	0.038	0.006	0.980	0.985	94.3		0.04 <
81 09 03 0845	.3	1	51312	74.500	0.155	0.051	0.004	0.845	0.850	78.0		0.04 <
81 09 05 1045	.3	1	51313	106.000	0.200	0.066	0.006	1.140	1.150	97.0		0.04 <
81 09 06 0830	.3	1	51316	98.500	0.078	0.020	0.027	0.815	0.840	45.7		0.04 <
1600	.3	1	51314	98.500	0.098	0.033	0.011	0.925	0.935	50.8		0.04 <
1958	.3	1	51315	98.500	0.080	0.022	0.023	0.775	0.800	54.3		0.04 <
81 09 14 0820	.3	1	51316	28.300	0.026	0.010	0.014	0.480	0.495			0.04 <
81 09 21 0810	.3	1	51318	18.400	0.019	0.006	0.003	0.385	0.390	4.5		
81 09 28 0815	.3	1	51319	27.000								0.05 <
81 10 05 0820	.3	1	51320	36.100	0.016	0.009	0.012	0.820	0.830			0.06 <
81 10 13 0740	.3	1	51321	38.900	0.028		0.007	0.710	0.715	9.0		0.01 <W
81 10 19 0915	.3	1	51322	57.400	0.080	0.007	0.006	0.715	0.720	19.0		0.04 <
81 10 25 1700	.3	1	51323	60.700	0.020	0.005	0.003	0.830	0.835	6.0		0.08 <
81 11 02 0850	.3	1	51324	39.000	0.020	0.005	0.011	0.795	0.805	4.2		
81 11 08 1700	.3	1	51325	37.400	0.022	0.005	0.010	0.880	0.890	2.4		0.08 <
81 11 15 1700	.3	1	51326	29.300	0.020	0.004	0.005	0.885	0.990	1.8		0.06 <
81 11 22 1700	.3	1	51327	84.900	0.060	0.009	0.027	1.270	1.300	15.1		0.06 <
81 11 24 0900	.3	1	51329	65.400	0.020	0.006	0.016	1.130	1.150	3.9		0.03 <
81 11 27 1400	.3	1	51330	109.000	0.350	0.310	0.038	1.410	1.450	111.0		0.05 <
81 11 28 1030	.3	1	51331	121.000	0.148	0.050	0.076	1.920	2.000	51.8		0.05 <
81 11 29 1115	.3	1	51332	120.000	0.095	0.021	0.029	1.620	1.650	49.9		
81 11 30	.3	1	51333	105.000	0.050	0.015	0.021	1.380	1.400	27.1		0.05 <
81 12 01 1435	.3	1	51334	89.400	0.235	0.130	0.021	1.480	1.500	12.7		0.02 <
81 12 02 0900	.3	1	51335	174.000	0.368	0.140	0.037	1.460	1.500	118.9		0.02 <
81 12 03 1520	.3	1	51336	136.000	0.142	0.048	0.041	1.960	2.000	31.4		0.02 <
81 12 04 0900	.3	1	51337	112.000	0.068	0.026	0.033	1.820	1.850	20.4		0.02 <
81 12 05 1200	.3	1	51338	94.300	0.042	0.016	0.020	1.580	1.600	7.8		0.03 <
81 12 06 1103	.3	1	51339	80.400	0.040	0.010	0.019	1.530	1.550	8.4		0.03 <
81 12 07	.3	1	51340	70.300	0.032	0.012	0.010	1.540	1.550	5.7		0.03 <
81 12 13 1700	.3	1	51341	39.800	0.022	0.011	0.018	1.630	1.650	11.2		0.03 <
81 12 20 0930	.3	1	51342	34.400	0.045	0.005	0.061	1.540	1.600	2.2		0.04 <
81 12 28 0915	.3	1	51343	33.500	0.032	0.005	0.043	1.660	1.700	2.7		0.03 <
MAXIMUM				742.000	0.368	0.310	0.076	2.420	2.450	118.9	540.0	0.080
ARITH MEAN				114.587	0.075	0.028	0.020<A	1.244<A	1.061	30	492.5	0.03 <A
GEOM MEAN				70.761	0.050	0.016	0.013<A	1.011<A	0.903	16	488.5	0.02 <A
MINIMUM				11.000	0.009	0.002	0.001	0.005	0.035	1.8	390.0	0.01
STD DEV (GEOM *)				140.494	0.079	0.041	0.016<A	0.543<A	0.521	34	69.0	0.03 <A
# SAMPLES (IN STATISTICS)				141	134	81	52	82	52	60	4	2

TEST-NAME:			CUUT	PBUT	CDUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
81 01 01 1400	.3	1		0.003<	0.0006
81 01 05 0800	.3	1	0.001 <	0.003<	0.0004
81 01 06 0800	.3	1		0.003<	0.0004
81 01 07 0800	.3	1		0.003<	0.0003
81 01 08 0800	.3	1	0.001 <	0.003<	0.0003
81 01 09 0800	.3	1		0.003<	0.0002<
81 01 13 0800	.3	1	0.0006	0.004	0.0002<
81 01 14 0800	.3	1		0.004	0.0002<
81 01 15 0800	.3	1		0.003<	0.0002<
81 01 16 0800	.3	1	0.0005<	0.003<	0.0002<
81 01 17 1730	.3	1		0.003<	0.0002<
81 01 18 1730	.3	1		0.020<	0.0002<
81 01 19 0800	.3	1	0.0005<	0.003<	0.0002<
81 01 20 0800	.3	1		0.007	0.0005
81 01 21 0800	.3	1		0.003<	0.0003
81 01 22 0800	.3	1	0.0006	0.082	0.0002<
81 01 23 0800	.3	1		0.003<	0.0002<
81 01 24 1630	.3	1		0.003<	0.0002<
81 01 25 1630	.3	1	0.0007	0.003<	0.0002<
81 01 26 0800	.3	1		0.003<	0.0002<
81 01 27 0800	.3	1		0.003<	0.0002<
81 01 28 0800	.3	1	0.017	0.003<	0.0003
81 01 29 0800	.3	1		0.004	0.0002<
81 01 30 0800	.3	1	0.003	0.003<	0.0002<
81 01 31 1230	.3	1	0.003	0.020	0.0002<
81 02 01 1030	.3	1		0.020	0.0002<
81 02 02 0800	.3	1		0.003<	0.0002<
81 02 03 0800	.3	1	0.003	0.003<	0.0002<
81 02 05 0800	.3	1		0.004	0.0002<
81 02 06 0800	.3	1		0.003<	0.0002<
81 02 08 1110	.3	1	0.002	0.003<	0.0002<
81 02 09 0800	.3	1		0.003<	0.0002<
81 02 10 0800	.3	1		0.003<	0.0002<
81 02 11 0800	.3	1	0.004 <	0.030	0.0003
81 02 12 1000	.3	1		0.003<	0.0002<
81 02 13 0800	.3	1		0.004	0.0002<
81 02 14 0930	.3	1	0.001 <	0.003<	0.0002<
81 02 15 1230	.3	1		0.020	0.0002<
81 02 16 0800	.3	1		0.003<	0.0002<
81 02 17 0800	.3	1	0.001	0.003<	0.0002<
81 02 18 0800	.3	1		0.010	0.0002<
1630	.3	1		0.005	0.0002<
81 02 19 0800	.3	1	0.004	0.003<	0.0002<
1630	.3	1		0.004	0.0002<
81 02 20 0800	.3	1	0.005	0.006	0.0002<
81 02 21 0800	.3	1		0.003	0.0003
1530	.3	1	0.006	0.003<	0.0005
81 02 22 0800	.3	1		0.003<	0.0002<
1630	.3	1	0.009	0.004	0.0002<
81 02 23 0800	.3	1		0.003<	0.0002<
81 02 24 0800	.3	1	0.004	0.003<	0.0002<
1700	.3	1		0.003<	0.0002<
81 02 25 0800	.3	1	0.002	0.003<	0.0002<
1700	.3	1		0.003<	0.0002<
81 02 26 0800	.3	1	0.001 <	0.003<	0.0002<
1745	.3	1		0.003<	0.0002<
81 02 27 0800	.3	1	0.011	0.004	0.0002<
81 02 28 0800	.3	1		0.003<	0.0002<
81 03 01 0830	.3	1		0.003<	0.0002<
81 03 02 0800	.3	1	0.004	0.003<	0.0002<
81 03 03 0800	.3	1		0.003<	0.0002<
81 03 04 0800	.3	1		0.003<	0.0002<
81 03 05 0800	.3	1	0.001 <	0.003<	0.0002<

(CONTD)

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **BRUCE CO ROAD 3, NORTH OF BURGOYNE SR-6**
STATION TYPE: **RIVER FLOW GAUGE FED 02FC001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-030-82**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0474075.0 4922390.0 4** REGION: **01** DISTANCE: **11.909**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
81 03 06 0800		.3	1		0.003<	0.0002<
81 03 07 0930		.3	1		0.003<	0.0005
81 03 08 0900		.3	1	0.003	0.003<	0.0002<
81 03 09 0830		.3	1		0.003<	0.0002<
81 03 10 1245		.3	1		0.003<	0.0004
81 03 11 0800		.3	1	0.001 <	0.003<	0.0003
81 03 12 1015		.3	1		0.003<	0.001
81 03 13 0800		.3	1		0.003	0.0008
81 03 14 0850		.3	1	0.001 <	0.003<	0.0003
81 03 15 0930		.3	1		0.003<	0.0003
81 03 16 0830		.3	1		0.003<	0.0002<
81 03 23 0830		.3	1	0.002	0.003<	0.0003
81 03 30 0800		.3	1		0.003<	0.0002<
81 03 31 0800		.3	1		0.003<	0.0002<
81 04 01 0800		.3	1	0.003	0.005	0.0002<
81 04 02 0800		.3	1		0.003<	0.0002<
81 04 03 0800		.3	1		0.005<	0.0002<
81 04 04 1645		.3	1	0.003	0.003<	0.0002<
81 04 05 1130		.3	1		0.003<	0.0002<
81 04 06 0800		.3	1		0.003<	0.0002<
81 04 07 0800		.3	1	0.001	0.003<	0.0002<
81 04 12 0730		.3	1		0.003<	0.0003<
81 04 20 0930		.3	1		0.003<	0.0002<
81 04 26 1500		.3	1	0.001 <	0.003<	0.0002<
81 05 11 0830		.3	1	0.006	0.003	0.0002<
81 05 12 0845		.3	1	0.005	0.003<	0.0002<
81 05 13 0822		.3	1	0.002	0.003<	0.0006
81 05 14 0831		.3	1	0.004	0.003<	0.0008
81 05 15 0930		.3	1	0.003	0.003<	0.0002<
81 05 16 1330		.3	1	0.004	0.005	0.0002<
81 05 17 1420		.3	1	0.005	0.003<	0.0002<
81 05 19 0830		.3	1	0.003	0.003<	0.0002<
81 05 26 0900		.3	1	0.002	0.003<	0.0002<
81 06 08 0852		.3	1	0.002	0.004	0.0002<
81 06 15 0900		.3	1	0.006	0.033	0.0004
81 06 22 0845		.3	1	0.002	0.003<	0.0002<
81 06 29 0840		.3	1	0.003	0.003<	0.0020
81 07 06 0915		.3	1	0.004	0.005	0.0004<
81 07 13 0900		.3	1	0.006	0.003<	0.0003
81 07 20 0920		.3	1	0.004	0.006	0.0001<
81 07 27 0900		.3	1	0.004	0.028	0.0001<
81 08 10 0852		.3	1	0.002	0.003<	0.0002<
81 08 24 0945		.3	1	0.006	0.003<	0.0001<
81 08 31 0855		.3	1	0.008	0.001<	0.0001
81 09 02 0910		.3	1	0.004	0.003<	0.0004
81 09 03 0845		.3	1	0.005	0.003<	0.0002<
81 09 06 0830		.3	1	0.003	0.003<	0.0002<
1600		.3	1	0.003	0.003<	0.0002<
1958		.3	1	0.003	0.003<	0.0002<
81 09 14 0820		.3	1	0.003	0.009	0.0001<
81 09 21 0810		.3	1	0.015	0.003<	0.0002
81 09 28 0815		.3	1	0.011	0.006	0.0003
81 10 05 0820		.3	1	0.007	0.012	0.0002
81 10 13 0740		.3	1	0.002	0.003<	0.0002<
81 10 19 0915		.3	1	0.002	0.003<	0.0001
81 10 25 1700		.3	1	0.010	0.008	0.0003
81 11 02 0850		.3	1	0.009	0.003<	0.0012
81 11 08 1700		.3	1	0.008	0.005	0.0008
81 11 15 1700		.3	1	0.009	0.004	0.0002
81 11 22 1700		.3	1	0.008	0.005	0.0003
81 11 24 0900		.3	1	0.008	0.007	0.0003
81 11 27 1400		.3	1	0.008	0.003<	0.0002
81 11 28 1030		.3	1	0.008	0.003<	0.0002
81 11 29 1115		.3	1	0.007	0.003<	0.0002
81 11 30		.3	1	0.005	0.007	0.0002
81 12 01 1435		.3	1	0.001 <	0.003<	0.0002<
81 12 02 0900		.3	1	0.003	0.003<	0.0002<
81 12 03 1520		.3	1	0.005	0.007	0.0002
81 12 04 0900		.3	1	0.006	0.003<	0.0001
81 12 05 1200		.3	1	0.006	0.010	0.0002
81 12 06 1103		.3	1	0.005	0.005	0.0001
81 12 07		.3	1	0.005	0.003<	0.0001<
81 12 13 1700		.3	1	0.005	0.008	0.0003
81 12 20 0930		.3	1	0.007	0.008	0.0002
81 12 28 0915		.3	1	0.006	0.003<	0.0002
MAXIMUM				**0.017**	**0.082**	**0.0020**
ARITH MEAN				**0.004**	**0.010**	**0.000**
GEOM MEAN				**0.004**	**0.007**	**0.000**
MINIMUM				**0.0006**	**0.003**	**0.0001**
STD DEV (GEOM *)				**0.003**	**0.014**	**0.000**
# SAMPLES (IN STATISTICS)				**72**	**41**	**47**

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT CONC.ROAD 2.5 MILES EAST OF CARGILL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-038-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0484400.0 4894500.0 4** REGION: **01** DISTANCE: **63.889**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 03 16 1330		3	1	42543	6	110	880	12	16	4<	0.0	13.0	0.4
81 04 21 1345		3	1	42560	6	76	176	20	4	4<	8.0	12.5	0.9
81 05 19 1320		3	1	42577	6	184C	1560	16	4	4<	13.0	10.0	1.3
81 06 15 1330		3	1	42594	6	260C	24000>	12	4<	4<	23.0	9.0	0.5
81 07 20 1345		3	1	42611	6	80C	10100	48	16	4<	24.0	8.5	0.9
81 08 17 1325		3	1	42628	6	12I	1230	12	12	4<	19.0	8.0	0.9
81 09 28 1325		3	1	42645	6	268C	1560	148	24	4	12.0	11.0	0.7
81 10 19 1335		3	1	42662	6	2200	3500	540	860	4<	7.0	10.0	1.0
81 11 16 1330		3	1	42679	6	420	1700	50I	10I	4<	4.0	11.0	1.1
81 12 14 1335		3	1	42696	6	76	180	12	4<	4<	0.0	12.0	1.2
MAXIMUM						**2200**	**10100**	**540**	**860**	**4**	**24.0**	**13.0**	**1.3**
ARITH MEAN						**369**	**2321**	**87**	**118**	**4**	**13.7**	**10.5**	**0.9**
GEOM MEAN						**153**	**1196**	**32**	**18**		**11.8**	**10.4**	**0.8**
MINIMUM						**12**	**176**	**12**	**4**	**4**	**4.0**	**8.0**	**0.4**
STD DEV (GEOM *)						**4***	**4***	**4***	**5***		**7.5**	**1.7**	**0.3**
# SAMPLES (IN STATISTICS)						**10**	**9**	**10**	**8**	**1**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 16 1330		3	1	0.046	0.011	0.060	0.410	0.007	1.800	1.867	0.350	2.217	345.3
81 04 21 1345		3	1	0.016	0.003	0.025	0.420	0.007	0.910	0.942	0.395	1.337	340.6
81 05 19 1320		3	1	0.022	0.001	0.020	0.480	0.007	0.670	0.697	0.460	1.157	342.0
81 06 15 1330		3	1	0.080	0.007	0.025	0.530	0.044	0.690	0.759	0.505	1.264	422.0
81 07 20 1345		3	1	0.017	0.002	0.040	0.400	0.011	0.540	0.591	0.360	0.951	443.6
81 08 17 1325		3	1	0.039	0.008	0.040	0.450	0.011	0.600	0.651	0.410	1.061	438.4
81 09 28 1325		3	1	0.022	0.002	0.015	0.350	0.004	0.780	0.799	0.335	1.134	433.5
81 10 19 1335		3	1	0.039	0.006	0.020	0.530	0.006	0.880	0.906	0.510	1.416	437.8
81 11 16 1330		3	1	0.028	0.016	0.020	0.410	0.005	1.080	1.105	0.390	1.495	405.2
81 12 14 1335		3	1	0.011	0.003	0.045	0.430	0.006	1.450	1.501	0.385	1.886	376.6
MAXIMUM				**0.080**	**0.016**	**0.060**	**0.530**	**0.044**	**1.800**	**1.867**	**0.510**	**2.217**	**443.6**
ARITH MEAN				**0.032**	**0.006**	**0.031**	**0.441**	**0.011**	**0.940**	**0.982**	**0.410**	**1.392**	**398.5**
GEOM MEAN				**0.027**	**0.004**	**0.028**	**0.438**	**0.008**	**0.875**	**0.919**	**0.406**	**1.348**	**396.3**
MINIMUM				**0.011**	**0.001**	**0.015**	**0.350**	**0.004**	**0.540**	**0.591**	**0.335**	**0.951**	**340.6**
STD DEV (GEOM *)				**0.020**	**0.005**	**0.014**	**0.058**	**0.012**	**0.403**	**0.409**	**0.062**	**0.392**	**43.3**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 03 16 1330		3	1	10.3	335.0	550.0	4.00	8.500	8.23
81 04 21 1345		3	1	4.2	336.4	510.0	1.70	7.000	8.43
81 05 19 1320		3	1	10.8	331.2	505.0	2.50	7.000	8.40
81 06 15 1330		3	1	15.2	406.8	550.0	6.20	6.500	8.36
81 07 20 1345		3	1	9.8	433.8	640.0	3.70	8.500	8.13
81 08 17 1325		3	1	19.6	418.8	600.0	7.80	7.500	8.33
81 09 28 1325		3	1	11.2	422.3	625.0	3.30	8.000	8.35
81 10 19 1335		3	1	29.2	408.6	580.0	7.20	9.000	8.32
81 11 16 1330		3	1	3.2	402.0	615.0	2.10	8.000	8.30
81 12 14 1335		3	1	6.4	370.2	585.0	2.30	8.500	8.27
MAXIMUM				**29.2**	**433.8**	**640.0**	**7.80**	**9.000**	**8.43**
ARITH MEAN				**12.0**	**386.5**	**576.0**	**4.08**	**7.850**	**8.31**
GEOM MEAN				**9.9**	**384.6**	**574.3**	**3.58**	**7.811**	**8.31**
MINIMUM				**3.2**	**331.2**	**505.0**	**1.70**	**6.500**	**8.13**
STD DEV (GEOM *)				**7.8**	**39.7**	**46.5**	**2.21**	**0.818**	**0.09**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **TEESWATER RIVER**
SAMPLE POINT: **AT COUNTY ROAD 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-039-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0477600.0 4905100.0 4** REGION: **01** DISTANCE: **39.589**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 19 1030		3	1	42503	4	80I	240	16	12	4<	0.0	12.5	1.2
81 02 16 1025		3	1	42520	4	220	2250	60	96	4<	1.0	12.0	0.9
81 03 16 1049		3	1	42537	6	110	1800	16	24	4<	0.0	12.0	0.017
81 04 21 1040		3	1	42554	6	50I	1820	8	4<	4<	6.0	12.0	0.6
81 05 19 1040		3	1	42571	6	96C	960	4<	16	4<	12.0	10.0	1.3
81 06 15 1038		3	1	42588	6	230C	6500	64	28	4<	22.0	8.0	0.6
81 07 20 1010		3	1	42605	6	30I	570	12	36	4<	24.0	7.0	1.2
81 08 17 1025		3	1	42622	6	410C	5700	104	68	4<	18.0	7.0	0.7
81 09 28 0955		3	1	42639	6						12.0	10.0	0.4
81 10 19 1020		3	1	42656	6	3600	6000	710	600>	4<	2.0	9.0	1.4
81 11 16 1015		3	1	42673	6	90I	860	40I	10<	4<	3.0	10.5	1.0
81 12 14 1020		3	1	42690	6						0.0	12.0	0.8
MAXIMUM						**3600**	**6500**	**710**	**96**		**24.0**	**12.5**	**1.4**
ARITH MEAN						**492**	**2670**	**114**	**40**		**11.1**	**10.2**	**0.8**
GEOM MEAN						**156**	**1686**	**40**	**31**		**7.2**	**10.0**	**0.6**
MINIMUM						**30**	**240**	**8**	**12**		**1.0**	**7.0**	**0.017**
STD DEV (GEOM *)						**4***	**3***	**4***	**2***		**8.7**	**2.0**	**0.4**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**7**		**9**	**12**	**12**

(CONTD)

B.O.W / SITE: **TEESWATER RIVER**
SAMPLE POINT: **AT COUNTY ROAD 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-039-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0477600.0 4905100.0 4** REGION: **01** DISTANCE: **39.589**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 19 1030		.3	1	0.029	0.008	0.055	0.630	0.012	1.810	1.877	0.575	2.452	339.20
81 02 16 1025		.3	1	0.025	0.013	0.070	0.470	0.015	1.840	1.925	0.400	2.325	321.80
81 03 16 1049		.3	1		0.005	0.015	0.530	0.006	2.400	2.421	0.515	2.936	301.0
81 04 21 1040		.3	1	0.017	0.001	0.010	0.590	0.005	1.340	1.355	0.580	1.935	306.30
81 05 19 1040		.3	1	0.020	0.004	0.010	0.670	0.006	1.080	1.096	0.660	1.756	292.40
81 06 15 1038		.3	1	0.023	0.002	0.040	0.510	0.012	1.090	1.142	0.470	1.612	348.4
81 07 20 1010		.3	1	0.025	0.002	0.075	0.640	0.007	0.490	0.572	0.565	1.137	311.4
81 08 17 1025		.3	1	0.027	0.002	0.025	0.560	0.005	0.500	0.530	0.535	1.065	316.8
81 09 28 0955		.3	1	0.023	0.003	0.015	0.570	0.004	0.950	0.969	0.555	1.524	334.00
81 10 19 1020		.3	1	0.049	0.007	0.010	0.760	0.006	1.090	1.106	0.750	1.856	349.60
81 11 16 1015		.3	1	0.009	0.001<	0.005<	0.590	0.003	1.730	1.738	0.585	2.323	357.0
81 12 14 1020		.3	1	0.013	0.004	0.005	0.560	0.006	2.200	2.211	0.555	2.766	337.10
	MAXIMUM			**0.049**	**0.013**	**0.075**	**0.760**	**0.015**	**2.400**	**2.421**	**0.750**	**2.936**	**357.0**
	ARITH MEAN			**0.024**	**0.005**	**0.030**	**0.590**	**0.007**	**1.377**	**1.412**	**0.562**	**1.974**	**326.2**
	GEOM MEAN			**0.022**	**0.004**	**0.021**	**0.585**	**0.007**	**1.232**	**1.275**	**0.556**	**1.885**	**325.6**
	MINIMUM			**0.009**	**0.001**	**0.005**	**0.470**	**0.003**	**0.490**	**0.530**	**0.400**	**1.065**	**292.40**
	STD DEV (GEOM *)			**0.010**	**0.004**	**0.026**	**0.077**	**0.004**	**0.621**	**0.617**	**0.087**	**0.599**	**20.9**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*SIO3UR*	*ACDT*	*ALKT*	*PH*
81 01 19 1030		.3	1	8.90	330.30	550.0	7.50	15.000	31.000	4.000	20.400	248.0	7.88
81 02 16 1025		.3	1	5.50	316.30	510.0	2.20	14.500	22.000		23.300	225.0	7.67
81 03 16 1049		.3	1	6.2	294.8	477.0	3.70	12.000	22.000		13.600	215.0	8.14
81 04 21 1040		.3	1	3.70	302.60	470.0	2.00	11.500	21.500		0.000	217.0	8.30
81 05 19 1040		.3	1	6.30	286.10	447.0	2.80	11.000	21.000		0.000	212.0	8.31
81 06 15 1038		.3	1	7.0	341.4	510.0	3.10	14.000					8.23
81 07 20 1010		.3	1	13.0	298.4	491.0	7.00	17.000					8.05
81 08 17 1025		.3	1	8.4	308.4	482.0	5.00	15.000					8.29
81 09 28 0955		.3	1	8.70	325.30	510.0	4.30	15.000	34.000		0.000	219.0	8.40
81 10 19 1020		.3	1	10.10	339.50	540.0	10.00	15.000	32.000		0.000	237.0	8.32
81 11 16 1015		.3	1	2.5	354.5	560.0	1.50	14.500					8.39
81 12 14 1020		.3	1	3.40	333.70	535.0	1.70	16.000	32.500		0.000	244.0	8.32
	MAXIMUM			**13.0**	**354.5**	**560.0**	**10.00**	**17.000**	**34.000**	**4.000**	**23.300**	**248.0**	**8.40**
	ARITH MEAN			**6.9**	**319.2**	**506.8**	**4.23**	**14.208**	**27.000**	**4.000**	**19.100**	**227.1**	**8.19**
	GEOM MEAN			**6.3**	**318.6**	**505.7**	**3.55**	**14.096**	**26.450**		**18.628**	**226.8**	**8.19**
	MINIMUM			**2.5**	**286.10**	**447.0**	**1.50**	**11.000**	**21.000**	**4.000**	**13.600**	**212.0**	**7.67**
	STD DEV (GEOM *)			**3.0**	**21.4**	**34.8**	**2.68**	**1.815**	**5.813**		**4.979**	**14.0**	**0.22**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**8**	**1**	**3**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*
81 01 19 1030		.3	1	0.620	293.000	77.000	24.400	29.000	1.40	10.100	20
81 02 16 1025		.3	1	0.120	260.000	69.500	21.000	34.000	1.80	8.100	19
81 03 16 1049		.3	1	0.150	250.000	66.000		31.000	1.35	6.500	20
81 04 21 1040		.3	1	0.010<	252.000	66.500	20.800	48.000	1.20	6.600	50
81 05 19 1040		.3	1	0.180	242.000	65.000	19.200	53.000	1.10	6.700	16
81 09 28 0955		.3	1	0.280	267.000	67.000	24.200	34.000	2.40	9.100	27
81 10 19 1020		.3	1	0.590	282.000	73.500	23.800	60.000	3.10	8.400	23
81 12 14 1020		.3	1	0.130	291.000	78.000	23.400	34.000	1.10	7.900	22
	MAXIMUM			**0.620**	**293.000**	**78.000**	**24.400**	**60.000**	**3.10**	**10.100**	**50**
	ARITH MEAN			**0.296**	**267.125**	**70.312**	**22.400**	**40.375**	**1.68**	**7.925**	**25**
	GEOM MEAN			**0.238**	**266.505**	**70.150**	**22.318**	**39.038**	**1.57**	**7.835**	**23**
	MINIMUM			**0.120**	**242.000**	**65.000**	**19.200**	**29.000**	**1.10**	**6.500**	**16**
	STD DEV (GEOM *)			**0.218**	**19.511**	**5.168**	**2.040**	**11.600**	**0.72**	**1.290**	**11**
	# SAMPLES (IN STATISTICS)			**7**	**8**	**8**	**7**	**8**	**8**	**8**	**8**

B.O.W / SITE: **PEARL CREEK**
SAMPLE POINT: **AT CONCESSION ROAD 12 AND 13 BRANT TWP.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-042-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0486350.0 4898900.0 4** REGION: **01** DISTANCE: **56.165**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 19 1300		.3	1	42507	4	160	370	52	40	4<	0.0	12.0	0.7
81 03 16 1250		.3	1	42541	6	290C	3400	136	36	4<	0.0	12.5	1.6
81 04 21 1300		.3	1	42558	6	10<	70	4<	4<	4<	7.0	13.0	0.6
81 05 19 1250		.3	1	42575	6	128C	1320	8	4<	4<	13.0	11.0	1.4
81 06 15 1250		.3	1	42592	6	1400	18600	352	52	4<	25.0	9.0	0.7
81 07 20 1310		.3	1	42609	6	730	7600	128	40	4<	26.0	9.0	1.5
81 08 17 1255		.3	1	42626	6	5300	2000	440	124	4<	18.0	8.5	0.9
81 09 28 1250		.3	1	42643	6	9700C	46000	1500>	710	4	13.0	10.0	1.1
81 10 19 1300		.3	1	42660	3	24000	62000	6200		4	6.0	9.5	2.2
81 11 16 1300		.3	1	42677	6	200I	200	10<	10<	4<	4.0	11.0	1.0
81 12 14 1240		.3	1	42694	6	10I	20	28	8	4<	0.0	12.0	1.2

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
MAXIMUM						24000	62000	6200	710	4	26.0	13.0	2.2
ARITH MEAN						4192	12871	918	144	4	14.0	10.7	1.2
GEOM MEAN						657	1714	145	58	4	11.6	10.6	1.1
MINIMUM						10	20	8	8	4	4.0	8.5	0.6
STD DEV (GEOM *)						10*	14*	7*	4*	0*	8.4	1.6	0.5
# SAMPLES (IN STATISTICS)						10	11	8	7	2	8	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 1300		.3	1	0.027	0.014	0.070	0.480	0.010	1.820	1.900	0.410	2.310	369.9
81 03 16 1250		.3	1	0.058	0.017	0.075	0.690	0.009	0.840	0.924	0.615	1.539	346.4
81 04 21 1300		.3	1	0.018	0.003	0.005	0.390	0.005	1.300	1.310	0.385	1.695	331.6
81 05 19 1250		.3	1	0.023	0.002	0.010	0.410	0.010	1.270	1.290	0.400	1.690	350.9
81 06 15 1250		.3	1	0.197	0.009	0.065	0.530	0.039	1.110	1.214	0.465	1.679	368.8
81 07 20 1310		.3	1	0.044	0.010	0.050	0.500	0.024	0.520	0.594	0.450	1.044	332.4
81 08 17 1255		.3	1	0.082	0.026	0.040	0.770	0.019	0.630	0.689	0.730	1.419	384.4
81 09 28 1250		.3	1	0.064	0.028	0.020	0.720	0.011	1.170	1.201	0.700	1.901	396.9
81 10 19 1300		.3	1	0.238	0.118	0.030	1.240	0.016	1.030	1.076	1.210	2.286	389.6
81 11 16 1300		.3	1	0.016	0.002	0.005<	0.390	0.003	1.590	1.598	0.385	1.983	379.9
81 12 14 1240		.3	1	0.017	0.008	0.015	0.410	0.003	2.000	2.018	0.395	2.413	365.0
MAXIMUM				0.238	0.118	0.075	1.240	0.039	2.000	2.018	1.210	2.413	396.9
ARITH MEAN				0.071	0.022	0.038	0.594	0.014	1.207	1.256	0.559	1.814	365.1
GEOM MEAN				0.046	0.011	0.028	0.555	0.010	1.121	1.179	0.521	1.768	364.4
MINIMUM				0.016	0.002	0.005	0.390	0.003	0.520	0.594	0.385	1.044	331.6
STD DEV (GEOM *)				0.076	0.033	0.026	0.255	0.011	0.463	0.460	0.251	0.417	22.3
# SAMPLES (IN STATISTICS)				11	11	10	11	11	11	11	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 19 1300		.3	1	8.0	361.9	590.0	5.90	8.500	7.85
81 03 16 1250		.3	1	16.1	330.3	530.0	12.00	8.000	8.09
81 04 21 1300		.3	1	4.6	327.0	520.0	4.50	8.000	8.38
81 05 19 1250		.3	1	10.0	340.9	530.0	6.30	8.000	8.33
81 06 15 1250		.3	1	12.7	356.1	530.0	8.30	5.500	8.22
81 07 20 1310		.3	1	17.7	314.6	510.0	12.00	6.000	8.17
81 08 17 1255		.3	1	19.4	365.0	560.0	20.00	11.500	8.12
81 09 28 1250		.3	1	14.3	382.6	590.0	13.00	10.000	8.21
81 10 19 1300		.3	1	29.4	360.2	487.0	66.00	11.500	7.95
81 11 16 1300		.3	1	6.5	373.4	600.0	7.70	8.000	8.26
81 12 14 1240		.3	1	5.2	359.8	590.0	4.70	8.500	8.16
MAXIMUM				29.4	382.6	600.0	66.00	11.500	8.38
ARITH MEAN				13.1	352.0	548.8	14.58	8.500	8.16
GEOM MEAN				11.3	351.4	547.6	10.20	8.302	8.16
MINIMUM				4.6	314.6	487.0	4.50	5.500	7.85
STD DEV (GEOM *)				7.4	21.0	38.8	17.66	1.910	0.15
# SAMPLES (IN STATISTICS)				11	11	11	11	11	11

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT CONC.ROAD 4 AND 5 SAUGEEN TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-043-02**
STORET CODE: **02 002 1260**

LAT: LONG: U T M: **17 0474950.0 4912400.0 4** REGION: **01** DISTANCE: **27.358**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1105		.3	1	42504	4	180	400	80	88	4<	0.0	12.5	0.8
81 03 16 1115		.3	1	42538	6	80I	1680	16	12	4<	0.0	12.0	1.5
81 04 21 1049		.3	1	42555	6	20I	1200	4<	4<	4<	7.0	11.5	1.0
81 05 19 1050		.3	1	42572	6	112C	1040	8	4	4<	14.0	10.5	1.1
81 06 15 1050		.3	1	42589	6	130C	6500	36	4	4<	22.0	9.5	0.2
81 07 20 1035		.3	1	42606	6	190C	16000	8	84	4<	24.0	8.0	1.0
81 08 17 1050		.3	1	42623	6	220C	4100	64	12	4<	19.0	8.0	0.7
81 09 28 1020		.3	1	42640	6	220C	2800	124	80	4<	12.0	10.0	0.7
81 10 19 1050		.3	1	42657	6	3700	9200	600>	600>	4	2.0	10.0	1.2
81 11 16 1040		.3	1	42674	6	130	110	10I	10<	4<	3.0	11.0	1.1
81 12 14 1035		.3	1	42691	6	110	230	64	4	4<	0.0	12.0	0.9
MAXIMUM						3700	16000	124	88	4	24.0	12.5	1.5
ARITH MEAN						463	3933	46	36	4	12.9	10.5	0.9
GEOM MEAN						162	1641	29	16		9.6	10.3	0.8
MINIMUM						20	110	8	4	4	2.0	8.0	0.2
STD DEV (GEOM *)						3*	5*	3*	4*		8.4	1.5	0.3
# SAMPLES (IN STATISTICS)						11	11	9	8	1	8	11	11

(CONTD)

B.O.W./ SITE: **SAUGEEN RIVER**
SAMPLE POINT: **AT CONC.ROAD 4 AND 5 SAUGEEN TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-043-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0474950.0 4912400.0 4** REGION: **01** DISTANCE: **27.358**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 19 1105	.3	1		0.019	0.010	0.085	0.490	0.013	1.460	1.558	0.405	1.963	376.0
81 03 16 1115	.3	1		0.035	0.007	0.035	0.320	0.005	1.860	1.900	0.285	2.185	347.5
81 04 21 1049	.3	1		0.014	0.001	0.010	0.430	0.005	0.880	0.895	0.420	1.315	318.3
81 05 19 1050	.3	1		0.022	0.002	0.010	0.510	0.005	0.590	0.605	0.500	1.105	320.3
81 06 15 1050	.3	1		0.054	0.002	0.030	0.520	0.017	0.620	0.667	0.490	1.157	362.6
81 07 20 1035	.3	1		0.013	0.001<	0.045	0.430	0.005	0.280	0.330	0.385	0.715	392.2
81 08 17 1050	.3	1		0.027	0.003	0.015	0.400	0.008	0.470	0.493	0.385	0.878	405.9
81 09 28 1020	.3	1		0.017	0.003	0.010	0.360	0.004	0.720	0.734	0.350	1.084	393.8
81 10 19 1050	.3	1		0.044	0.006	0.005	0.620	0.005	0.780	0.790	0.615	1.405	373.6
81 11 16 1040	.3	1		0.022	0.001	0.005	0.460	0.004	1.070	1.079	0.455	1.534	380.8
81 12 14 1035	.3	1		0.010	0.003	0.025	0.390	0.003	1.560	1.588	0.365	1.953	356.7
MAXIMUM				**0.054**	**0.010**	**0.085**	**0.620**	**0.017**	**1.860**	**1.900**	**0.615**	**2.185**	**405.9**
ARITH MEAN				**0.025**	**0.004**	**0.025**	**0.448**	**0.007**	**0.935**	**0.967**	**0.423**	**1.390**	**366.2**
GEOM MEAN				**0.022**	**0.003**	**0.017**	**0.441**	**0.006**	**0.817**	**0.852**	**0.415**	**1.317**	**365.1**
MINIMUM				**0.010**	**0.001**	**0.005**	**0.320**	**0.003**	**0.280**	**0.330**	**0.285**	**0.715**	**318.3**
STD DEV (GEOM *)				**0.014**	**0.003**	**0.024**	**0.084**	**0.004**	**0.498**	**0.506**	**0.089**	**0.474**	**28.7**
# SAMPLES (IN STATISTICS)				**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 1105	.3	1		2.6	373.4	610.0	3.50	10.000	7.76
81 03 16 1115	.3	1		11.6	335.9	530.0	5.90	9.000	8.22
81 04 21 1049	.3	1		5.6	312.7	488.0	2.70	7.500	8.37
81 05 19 1050	.3	1		11.1	309.2	463.0	4.20	7.500	8.48
81 06 15 1050	.3	1		11.3	351.3	525.0	6.40	7.000	8.29
81 07 20 1035	.3	1		8.1	384.1	580.0	5.40	9.500	8.19
81 08 17 1050	.3	1		10.7	395.2	560.0	8.20	9.500	8.37
81 09 28 1020	.3	1		10.0	383.8	585.0	4.30	9.000	8.35
81 10 19 1050	.3	1		21.4	352.2	550.0	17.00	9.000	8.30
81 11 16 1040	.3	1		5.6	375.2	580.0	2.20	8.500	8.35
81 12 14 1035	.3	1		4.1	352.6	565.0	2.80	9.500	8.26
MAXIMUM				**21.4**	**395.2**	**610.0**	**17.00**	**10.000**	**8.48**
ARITH MEAN				**9.3**	**356.9**	**548.7**	**5.69**	**8.727**	**8.27**
GEOM MEAN				**8.0**	**355.8**	**547.1**	**4.78**	**8.674**	**8.27**
MINIMUM				**2.6**	**309.2**	**463.0**	**2.20**	**7.000**	**7.76**
STD DEV (GEOM *)				**5.1**	**28.8**	**44.0**	**4.16**	**0.984**	**0.19**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **TEESWATER RIVER**
SAMPLE POINT: **AT CHEPSTOW**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-044-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M: **17 0477100.0 4888600.0 4** REGION: **01** DISTANCE: **67.591**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 19 0955	.3	1		42502	6	80I	280	12	48	4<	0.0	12.0	0.9
81 02 16 0950	.3	1		42519	6	70I	820	8	600>	4<	1.0	11.0	0.8
81 03 16 1010	.3	1		42536	6	50I	960	12	68	4<	1.0	11.0	0.6
81 04 21 1000	.3	1		42553	6	100C	1840	4<	4<	4<	5.0	12.0	1.1
81 05 19 1000	.3	1		42570	6	432C	2880	40	20	4<	13.0	10.0	1.4
81 06 15 1000	.3	1		42587	6	350C	5800	116	8	4<	20.0	8.0	0.5
81 07 20 0935	.3	1		42604	6	330C	3900	132	56	4	24.0	6.5	1.5
81 08 17 0950	.3	1		42621	6	1300	17000	348	76	4<	17.0	7.5	0.7
81 09 28 0920	.3	1		42638	6						12.0	8.0	0.7
81 10 19 0945	.3	1		42655	6	2200	5700	440	344	4<	2.0	8.0	1.1
81 11 16 0940	.3	1		42672	6	240	1800	60I	30I	4<	4.0	10.5	0.9
81 12 14 0940	.3	1		42689	6						0.0	10.0	1.4
MAXIMUM						**2200**	**17000**	**440**	**344**	**4**	**24.0**	**12.0**	**1.5**
ARITH MEAN						**515**	**4098**	**130**	**81**	**4**	**9.9**	**9.5**	**1.0**
GEOM MEAN						**250**	**2325**	**57**	**47**		**5.9**	**9.4**	**0.9**
MINIMUM						**50**	**280**	**8**	**8**	**4**	**1.0**	**6.5**	**0.5**
STD DEV (GEOM *)						**4***	**3***	**4***	**3***		**8.5**	**1.9**	**0.3**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**8**	**1**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 19 0955	.3	1		0.027	0.015	0.055	0.640	0.014	2.000	2.069	0.585	2.654	327.1
81 02 16 0950	.3	1		0.032	0.013	0.060	0.680	0.015	1.900	1.975	0.620	2.595	317.8
81 03 16 1010	.3	1		0.073	0.005	0.010	0.380	0.007	2.790	2.807	0.370	3.177	322.5
81 04 21 1000	.3	1		0.017	0.004	0.010	0.600	0.007	1.660	1.677	0.590	2.267	313.0
81 05 19 1000	.3	1		0.030	0.002	0.015	0.670	0.008	1.200	1.223	0.655	1.878	304.7
81 06 15 1000	.3	1		0.046	0.021	0.060	0.610	0.033	1.600	1.693	0.550	2.243	385.0
81 07 20 0935	.3	1		0.048	0.016	0.105	0.680	0.025	1.120	1.250	0.575	1.825	366.8
81 08 17 0950	.3	1		0.054	0.025	0.050	0.590	0.025	1.050	1.125	0.540	1.665	373.2
81 09 28 0920	.3	1		0.041	0.012	0.020	0.470	0.003	0.610	0.633	0.450	1.083	386.4
81 10 19 0945	.3	1		0.035	0.009	0.005	0.760	0.006	1.520	1.531	0.755	2.286	366.9
81 11 16 0940	.3	1		0.021	0.004	0.005<	0.650	0.006	2.140	2.151	0.645	2.796	365.7
81 12 14 0940	.3	1		0.026	0.016	0.020	0.650	0.009	2.400	2.429	0.630	3.059	337.0
MAXIMUM				**0.073**	**0.025**	**0.105**	**0.760**	**0.033**	**2.790**	**2.807**	**0.755**	**3.177**	**386.4**
ARITH MEAN				**0.037**	**0.012**	**0.037**	**0.615**	**0.013**	**1.666**	**1.714**	**0.580**	**2.294**	**347.2**
GEOM MEAN				**0.035**	**0.009**	**0.026**	**0.606**	**0.010**	**1.548**	**1.601**	**0.572**	**2.208**	**346.0**
MINIMUM				**0.017**	**0.002**	**0.005**	**0.380**	**0.003**	**0.610**	**0.633**	**0.370**	**1.083**	**304.7**
# SAMPLES (IN STATISTICS)				**10.016**	**10.007**	**10.031**	**10.101**	**10.010**	**10.620**	**10.610**	**10.099**	**10.610**	**29.7**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 0955		.3	1	3.2	323.9	520.0	1.40	16.000	7.69
81 02 16 0950		.3	1	6.6	311.2	510.0	1.70	13.500	7.50
81 03 16 1010		.3	1	5.4	317.1	486.0	2.00	12.500	7.91
81 04 21 1000		.3	1	4.0	309.0	480.0	1.50	13.000	8.14
81 05 19 1000		.3	1	11.5	293.2	462.0	3.30	12.500	8.03
81 06 15 1000		.3	1	7.6	377.4	545.0	3.00	16.000	8.04
81 07 20 0935		.3	1	11.7	355.1	565.0	5.00	19.500	8.00
81 08 17 0950		.3	1	10.3	362.9	565.0	4.70	20.500	8.14
81 09 28 0920		.3	1	11.8	374.6	590.0	8.00	18.000	8.15
81 10 19 0945		.3	1	8.7	358.2	560.0	3.60	16.000	7.92
81 11 16 0940		.3	1	4.3	361.4	580.0	2.00	16.500	8.17
81 12 14 0940		.3	1	3.2	333.8	540.0	1.40	15.000	7.97
	MAXIMUM			**11.8**	**377.4**	**590.0**	**8.00**	**20.500**	**8.17**
	ARITH MEAN			**7.4**	**339.8**	**533.6**	**3.13**	**15.750**	**7.97**
	GEOM MEAN			**6.6**	**338.7**	**532.1**	**2.67**	**15.551**	**7.97**
	MINIMUM			**3.2**	**293.2**	**462.0**	**1.40**	**12.500**	**7.50**
	STD DEV (GEOM *)			**3.4**	**28.5**	**41.8**	**1.98**	**2.641**	**0.20**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **PEARL CREEK**
SAMPLE POINT: **AT 10TH CONC BRANT TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-045-02**
STORET CODE: **02 002 1260**

LAT: LONG: U.T.M.: **17 0488200.0 4897300.0 4** REGION: **01** DISTANCE: **60.671**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 19 1330		.3	1	42508	4	20I	260	12	160	4<	0.0	12.0	0.9
81 02 16 1400		.3	1	42525	4	610C	2400	96	600>	4<	1.0	14.0	1.9
81 03 16 1310		.3	1	42542	6	20I	460	12	4<	4<	0.0	12.5	1.4
81 04 21 1330		.3	1	42559	6	4<	40	4<	4<	4<	8.0	12.5	0.7
81 05 19 1310		.3	1	42576	6	48C	1400	12	4	4<	12.0	11.5	0.8
81 06 15 1310		.3	1	42593	6	2400	19000	392	128	4<	24.0	8.0	0.5
81 07 20 1330		.3	1	42610	6	3200	20900	720	470	4<	25.0	9.0	0.8
81 08 17 1315		.3	1	42627	6	3400	15100	440	360	4<	16.0	9.0	0.8
81 09 28 1310		.3	1	42644	6	3300	8600	830	430	4<	11.0	10.0	0.6
81 10 19 1320		.3	1	42661	6	5300	2300	1500>	1500>	12	6.0	10.0	0.9
81 11 16 1320		.3	1	42678	6	60I	100	10<	100<	4<	5.0	11.5	0.7
81 12 14 1310		.3	1	42695	6	96	328	44	8	4<	1.0	12.0	1.1
	MAXIMUM					**5300**	**20900**	**830**	**470**	**12**	**25.0**	**14.0**	**1.9**
	ARITH MEAN					**1678**	**5907**	**284**	**223**	**12**	**10.9**	**11.0**	**0.9**
	GEOM MEAN					**389**	**1411**	**97**	**90**		**7.1**	**10.9**	**0.9**
	MINIMUM					**20**	**40**	**12**	**4**	**12**	**1.0**	**8.0**	**0.5**
	STD DEV (GEOM *)					**10***	**8***	**6***	**7***		**8.6**	**1.8**	**0.4**
	# SAMPLES (IN STATISTICS)					**11**	**12**	**9**	**7**	**1**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 19 1330		.3	1	0.023	0.008	0.095	0.510	0.009	2.300	2.404	0.415	2.819	401.0
81 02 16 1400		.3	1	0.084	0.015	0.545	1.400	0.015	2.700	3.260	0.855	4.115	404.3
81 03 16 1310		.3	1	0.041	0.009	0.040	0.510	0.007	1.940	1.987	0.470	2.457	395.6
81 04 21 1330		.3	1	0.011	0.001	0.005	0.370	0.005	2.200	2.210	0.365	2.575	376.2
81 05 19 1310		.3	1	0.014	0.001	0.010	0.400	0.009	2.500	2.519	0.390	2.909	390.4
81 06 15 1310		.3	1	0.185	0.004	0.045	0.690	0.032	1.680	1.757	0.645	2.402	431.4
81 07 20 1330		.3	1	0.029	0.006	0.040	0.500	0.014	1.830	1.884	0.460	2.344	378.4
81 08 17 1315		.3	1	0.030	0.009	0.015	0.570	0.006	1.310	1.331	0.555	1.886	390.4
81 09 28 1310		.3	1	0.036	0.018	0.010	0.660	0.007	2.140	2.157	0.650	2.807	443.0
81 10 19 1320		.3	1	0.058	0.026	0.010	0.590	0.006	2.000	2.016	0.580	2.596	425.2
81 11 16 1320		.3	1	0.019	0.009	0.005<	0.400	0.004	2.100	2.109	0.395	2.504	408.2
81 12 14 1310		.3	1	0.013	0.005	0.015	0.390	0.006	2.400	2.421	0.375	2.796	393.0
	MAXIMUM			**0.185**	**0.026**	**0.545**	**1.400**	**0.032**	**2.700**	**3.260**	**0.855**	**4.115**	**443.0**
	ARITH MEAN			**0.045**	**0.009**	**0.075**	**0.582**	**0.010**	**2.092**	**2.171**	**0.513**	**2.684**	**403.1**
	GEOM MEAN			**0.032**	**0.006**	**0.026**	**0.542**	**0.008**	**2.058**	**2.125**	**0.495**	**2.642**	**402.8**
	MINIMUM			**0.011**	**0.001**	**0.005**	**0.370**	**0.004**	**1.310**	**1.331**	**0.365**	**1.886**	**376.2**
	STD DEV (GEOM *)			**0.049**	**0.007**	**0.158**	**0.278**	**0.008**	**0.378**	**0.472**	**0.149**	**0.529**	**20.7**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 19 1330		.3	1	10.9	390.1	630.0	6.00	12.000	7.93
81 02 16 1400		.3	1	27.5	376.8	600.0	10.00	12.500	7.89
81 03 16 1310		.3	1	11.0	384.6	590.0	4.90	10.500	8.02
81 04 21 1330		.3	1	3.9	372.3	580.0	2.20	9.000	8.26
81 05 19 1310		.3	1	8.9	381.5	585.0	2.40	9.500	8.25
81 06 15 1310		.3	1	27.5	403.9	590.0	14.00	5.500	8.17
81 07 20 1330		.3	1	19.3	359.1	575.0	11.00	5.500	8.20
81 08 17 1315		.3	1	6.6	383.8	600.0	4.30	8.000	8.24
81 09 28 1310		.3	1	7.0	436.0	665.0	3.70	11.000	8.13
81 10 19 1320		.3	1	9.3	415.9	625.0	5.50	13.000	7.99
81 11 16 1320		.3	1	3.4	404.8	640.0	2.20	9.500	8.18
81 12 14 1310		.3	1	4.7	388.3	630.0	2.50	10.500	8.13
	MAXIMUM			**27.5**	**436.0**	**665.0**	**14.00**	**13.000**	**8.26**
	ARITH MEAN			**11.7**	**391.4**	**609.2**	**5.72**	**9.708**	**8.12**
	GEOM MEAN			**9.3**	**390.9**	**608.6**	**4.70**	**9.382**	**8.11**
	MINIMUM			**3.4**	**359.1**	**575.0**	**2.20**	**5.500**	**7.89**
	STD DEV (GEOM *)			**8.5**	**20.8**	**28.1**	**3.91**	**2.444**	**0.13**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **SOUTH SAUGEEN RIVER**
SAMPLE POINT: **AT 7THAVE SOUTH OF HANOVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUGEEN RIVER**

STATION ID: **08-0123-046-02**
STORET CODE: **02 002 1260**

LAT: LONG: U T M: **17 0497700.0 4886550.0 4** REGION: **01** DISTANCE: **96.880**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 16 1500		.3	1	42529	6	1160C	2200	284	128	4<	0.0	13.5	1.0
81 03 16 1500		.3	1	42546	6	10<	180	4<	4	4<	0.0	12.5	1.4
81 04 21		.3	1	42563	6	12C	1440	8	12	4<	6.0	12.0	0.5
81 05 19 1435		.3	1	42580	6	64	920	4	4<	4<	14.0	10.0	0.9
81 06 15 1450		.3	1	42597	6	70I	2000	64	12	4<	24.0	9.0	0.3
81 07 20 1500		.3	1	42614	6	140	2380	76	52	4<	24.0	8.0	0.7
81 08 17 1435		.3	1	42631	6	60I	750	60	16	4<	19.0	8.5	0.9
81 09 28 1440		.3	1	42648	6	416C	1400	292	112	4<	12.0	10.0	0.7
81 10 19 1445		.3	1	42665	6	2100	6100	336	512	4<	7.0	10.5	1.0
81 11 16 1455		.3	1	42682	6	90I	510	10<	40I	4<	4.0	11.0	0.8
81 12 14 1500		.3	1	42699	6	8	268	4	12	4<	0.0	11.5	1.3
MAXIMUM						**2100**	**6100**	**336**	**512**		**24.0**	**13.5**	**1.4**
ARITH MEAN						**412**	**1650**	**125**	**90**		**13.7**	**10.6**	**0.9**
GEOM MEAN						**113**	**1074**	**47**	**33**		**11.5**	**10.5**	**0.8**
MINIMUM						**8**	**180**	**4**	**4**		**4.0**	**8.0**	**0.3**
STD DEV (GEOM *)						**6***	**3***	**6***	**4***		**7.9**	**1.7**	**0.3**
# SAMPLES (IN STATISTICS)						**10**	**11**	**9**	**10**		**8**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 16 1500		.3	1	0.037	0.005	0.080	0.630	0.010	1.860	1.950	0.550	2.500	437.2
81 03 16 1500		.3	1	0.016	0.003	0.025	0.430	0.004	2.150	2.179	0.405	2.584	436.2
81 04 21		.3	1	0.013	0.002	0.035	0.530	0.004	1.150	1.189	0.495	1.684	423.0
81 05 19 1435		.3	1	0.010	0.001	0.010	0.430	0.004	0.660	0.674	0.420	1.094	398.4
81 06 15 1450		.3	1	0.071	0.002	0.020	0.530	0.006	0.610	0.636	0.510	1.146	508.0
81 07 20 1500		.3	1	0.005	0.002	0.040	0.400	0.006	0.430	0.476	0.360	0.836	751.1
81 08 17 1435		.3	1	0.011	0.001	0.025	0.390	0.005	0.450	0.480	0.365	0.845	577.7
81 09 28 1440		.3	1	0.020	0.002	0.015	0.460	0.003	0.610	0.628	0.445	1.073	446.0
81 10 19 1445		.3	1	0.032	0.001	0.005	0.630	0.004	0.920	0.929	0.625	1.554	412.30
81 11 16 1455		.3	1	0.006	0.001<	0.005	0.400	0.002	1.120	1.127	0.395	1.522	503.0
81 12 14 1500		.3	1	0.005	0.001	0.035	0.390	0.003	1.680	1.718	0.355	2.073	455.3
MAXIMUM				**0.071**	**0.005**	**0.080**	**0.630**	**0.010**	**2.150**	**2.179**	**0.625**	**2.584**	**751.1**
ARITH MEAN				**0.021**	**0.002**	**0.027**	**0.475**	**0.005**	**1.058**	**1.090**	**0.448**	**1.537**	**486.2**
GEOM MEAN				**0.014**	**0.002**	**0.020**	**0.467**	**0.004**	**0.915**	**0.948**	**0.440**	**1.429**	**478.1**
MINIMUM				**0.005**	**0.001**	**0.005**	**0.390**	**0.002**	**0.430**	**0.476**	**0.355**	**0.836**	**398.4**
STD DEV (GEOM *)				**0.020**	**0.001**	**0.021**	**0.092**	**0.002**	**0.598**	**0.608**	**0.087**	**0.622**	**101.9**
# SAMPLES (IN STATISTICS)				**11**	**10**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 02 16 1500		.3	1	29.2	408.0	610.0	10.00	10.500		7.96
81 03 16 1500		.3	1	8.5	427.7	630.0	3.70	8.500		8.18
81 04 21		.3	1	2.9	420.1	610.0	1.40	7.500		8.23
81 05 19 1435		.3	1	5.4	393.0	555.0	1.70	7.000		8.38
81 06 15 1450		.3	1	4.9	503.1	630.0	2.70	7.000	224.0	8.33
81 07 20 1500		.3	1	5.0	746.1	935.0	2.30	9.000		8.17
81 08 17 1435		.3	1	4.1	573.6	750.0	3.00	8.000		8.27
81 09 28 1440		.3	1	15.7	430.3	615.0	6.50	9.000		8.34
81 10 19 1445		.3	1	31.10	381.20	575.0	8.20	9.000		8.29
81 11 16 1455		.3	1	3.3	499.7	720.0	2.20	8.000		8.27
81 12 14 1500		.3	1	3.8	451.5	675.0	1.50	9.500		8.22
MAXIMUM				**31.10**	**746.1**	**935.0**	**10.00**	**10.500**	**224.0**	**8.38**
ARITH MEAN				**10.3**	**475.8**	**664.1**	**3.93**	**8.455**	**224.0**	**8.24**
GEOM MEAN				**7.1**	**466.8**	**657.2**	**3.14**	**8.392**		**8.24**
MINIMUM				**2.9**	**381.20**	**555.0**	**1.40**	**7.000**	**224.0**	**7.96**
STD DEV (GEOM *)				**10.4**	**106.0**	**107.0**	**2.95**	**1.083**		**0.11**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**1**	**11**

B.O.W./ SITE: **SAUBLE RIVER**
SAMPLE POINT: **AT BRIDGE FIRST CONCESSION NORTH OF TARA**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FA101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUBLE RIVER**

STATION ID: **08-0135-002-02**
STORET CODE: **02 002 1410**

LAT: LONG: U.T.M: **17 0486795.0 4924925.0 4** REGION: **01** DISTANCE: **44.899**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 03 02 1425		.3	1	40020	6	880C	2300	52	32	4	2.0	9.0	0.7
81 04 06 1354		.3	1	40036	6	560	2200	36	8	36	9.5	16.0	0.8
81 05 05 1510		.3	1	40052	6	1600	5400	220	12	4<	15.0	12.0	1.1
81 06 01 1430		.3	1	40068	6	280C	2800	20I	4	4<	18.2	13.0	1.2
81 07 07 1439		.3	1	40084	6	60C	4900	4	4<	4<	24.0	10.0	1.2
81 08 05 0857		.3	1	40105	6 7 5	210C	9800	16	32	4<	22.1	4.9	0.9
81 09 14 1535		.3	1	40115	6						20.0	8.8	0.6
81 10 05 1532		.3	1	40131	6	8000	8900	176	28	4<	12.0	11.5	0.6
81 11 02 1415		.3	1	40145	6	670C	3200	32	4	4<	9.5	13.0	1.3
81 12 07 1408		.3	1	40161	6	80C	1920	16	76	4	1.8	12.4	
MAXIMUM						**8000**	**9800**	**220**	**76**	**36**	**24.0**	**16.0**	**1.3**
ARITH MEAN						**1371**	**4602**	**64**	**24**	**15**	**13.4**	**11.1**	**0.9**
GEOM MEAN						**473**	**3883**	**33**	**16**	**8**	**10.1**	**10.6**	**0.9**
MINIMUM						**60**	**1920**	**4**	**4**	**4**	**1.8**	**4.9**	**0.6**
STD DEV (GEOM *)						**5***	**2***	**3***	**3***	**4***	**7.8**	**3.0**	**0.3**
# SAMPLES (IN STATISTICS)						**9**	**9**	**9**	**8**	**3**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 02 1425		.3	1	0.043	0.023	0.045	0.540	0.010	1.700	1.755	0.495	2.250	275.9
81 04 06 1354		.3	1	0.033	0.016	0.020	0.640	0.008	0.950	0.978	0.620	1.598	315.0
81 05 05 1510		.3	1	0.038	0.006	0.020	0.400	0.009	0.740	0.769	0.380	1.149	304.8
81 06 01 1430		.3	1	0.037	0.014	0.025	0.460	0.010	0.660	0.695	0.435	1.130	280.0
81 07 07 1439		.3	1	0.066	0.036	0.050	0.660	0.021	0.560	0.631	0.610	1.241	287.4
81 08 05 0857		.3	1	0.072	0.049	0.015	0.620	0.019	0.310	0.344	0.605	0.949	299.0
81 09 14 1535		.3	1	0.081	0.024	0.035	0.600	0.010	0.660	0.705	0.565	1.270	357.5
81 10 05 1532		.3	1	0.021	0.008	0.010	0.550	0.003	0.940	0.953	0.540	1.493	379.8
81 11 02 1415		.3	1	0.015		0.005	0.350	0.005	0.840	0.850	0.345	1.195	354.40
MAXIMUM				**0.081**	**0.049**	**0.050**	**0.660**	**0.021**	**1.700**	**1.755**	**0.620**	**2.250**	**379.8**
ARITH MEAN				**0.045**	**0.022**	**0.025**	**0.536**	**0.011**	**0.818**	**0.853**	**0.511**	**1.364**	**317.0**
GEOM MEAN				**0.040**	**0.018**	**0.020**	**0.525**	**0.009**	**0.746**	**0.785**	**0.500**	**1.323**	**315.1**
MINIMUM				**0.015**	**0.006**	**0.005**	**0.350**	**0.003**	**0.310**	**0.344**	**0.345**	**0.949**	**275.9**
STD DEV (GEOM *)				**0.023**	**0.015**	**0.015**	**0.110**	**0.006**	**0.386**	**0.388**	**0.103**	**0.384**	**37.7**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 03 02 1425		.3	1	7.6	268.3	440.0	5.30	6.000	8.01
81 04 06 1354		.3	1	4.3	310.7	510.0	3.00	7.000	8.28
81 05 05 1510		.3	1	5.1	299.7	510.0	1.60	6.000	8.20
81 06 01 1430		.3	1	2.6	277.4	498.0	0.85	6.500	8.27
81 07 07 1439		.3	1	2.5	284.9	473.0	1.70	7.000	8.14
81 08 05 0857		.3	1	0.4	298.6	458.0	0.75	8.000	7.94
81 09 14 1535		.3	1	3.8	353.7	476.0	1.50	8.000	8.25
81 10 05 1532		.3	1	3.5	376.3	580.0	1.20	9.500	8.24
81 11 02 1415		.3	1	1.40	353.00	590.0	1.40	8.000	8.25
MAXIMUM				**7.6**	**376.3**	**590.0**	**5.30**	**9.500**	**8.28**
ARITH MEAN				**3.4**	**313.6**	**503.9**	**1.92**	**7.333**	**8.18**
GEOM MEAN				**2.7**	**311.6**	**501.6**	**1.60**	**7.256**	**8.17**
MINIMUM				**0.4**	**268.3**	**440.0**	**0.75**	**6.000**	**7.94**
STD DEV (GEOM *)				**2.1**	**38.2**	**51.5**	**1.42**	**1.146**	**0.12**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**

B.O.W./ SITE: **SAUBLE RIVER**
SAMPLE POINT: **AT SAUBLE FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02FA001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUBLE RIVER**

STATION ID: **08-0135-003-02**
STORET CODE: **02 002 1410**

LAT: LONG: U.T.M: **17 0479745.0 4946850.0 4** REGION: **01** DISTANCE: **3.219**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 06 1340		.3	1	40000	6	12.200	350	1900	4	4		0.3	15.0
81 03 02 1303		.3	1	40018	6	62.700	50I	1050	8	52	4<	0.5	4.6
81 04 06 1217		.3	1	40034	6	20.200	20	608	4<	4<	4<	8.0	15.0
81 05 05 1320		.3	1	40050	6	9.870	40C	1240	4<	4<	4<	12.5	11.5
81 06 01 1300		.3	1	40066	6	5.990	120	440	8	4	4<	15.8	9.4
81 07 07 1309		.3	1	40082	6	5.080						24.8	7.2
81 08 05 1020		.3	1	40107	6	1.820	70I	310	8	12	4<	21.0	7.3
81 09 14 1415		.3	1	40113	6	3.510	190C	3300	32	4<	4<	19.2	7.1
81 10 05 1410		.3	1	40129	6	6.180	210C	3300	12	16	4<	12.2	9.6
81 11 02 1450		.3	1	40146	6	6.400	50I	1610	8	4<	4<	9.0	10.4
81 12 07 1440		.3	1	40162	6	19.700	164C	9600>	60	140	4	2.0	11.8
MAXIMUM						**62.700**	**350**	**3300**	**60**	**140**	**4**	**24.8**	**15.0**
ARITH MEAN						**13.968**	**126**	**1529**	**17**	**38**	**4**	**11.4**	**9.9**
GEOM MEAN						**8.753**	**91**	**1153**	**12**	**17**		**6.2**	**9.4**
MINIMUM						**1.820**	**20**	**310**	**4**	**4**	**4**	**0.3**	**4.6**
STD DEV (GEOM *)						**17.274**	**2***	**2***	**2***	**4***		**8.4**	**3.3**
# SAMPLES (IN STATISTICS)						**11**	**10**	**9**	**8**	**6**	**1**	**11**	**11**

(CONTD)

B.O.W./ SITE: **SAUBLE RIVER**
SAMPLE POINT: **AT SAUBLE FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02FA001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUBLE RIVER**

STATION ID: **08-0135-003-02**
STORET CODE: **02 002 1410**

LAT: LONG: U.T.M: **17 0479745.0 4946850.0 4** REGION: **01** DISTANCE: **3.219**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 06 1340	.3	1		1.4	0.017	0.005	0.095	0.510	0.005	0.460	0.560	0.415	0.975
81 03 02 1303	.3	1		0.5	0.027	0.008	0.060	0.400	0.011	0.780	0.851	0.340	1.191
81 04 06 1217	.3	1		0.2	0.012	0.003	0.015	0.360	0.003	0.260	0.278	0.345	0.623
81 05 05 1320	.3	1		0.6	0.017	0.001	0.025	0.400	0.003	0.200	0.228	0.375	0.603
81 06 01 1300	.3	1		1.0	0.017	0.002	0.025	0.420	0.002	0.080	0.107	0.395	0.502
81 07 07 1309	.3	1		0.9	0.020	0.001	0.045	0.560	0.002	0.040	0.087	0.515	0.602
81 08 05 1020	.3	1		1.2	0.031	0.001	0.005	0.560	0.002	0.030	0.037	0.555	0.592
81 09 14 1415	.3	1		0.3	0.030	0.015	0.025	0.610	0.005	0.260	0.290	0.585	0.875
81 10 05 1410	.3	1		0.7	0.014	0.001<	0.025	0.520	0.001	0.180	0.206	0.495	0.701
81 11 02 1450	.3	1		1.3	0.011	0.001	0.025	0.510	0.002	0.180	0.207	0.485	0.692
MAXIMUM				**1.4**	**0.031**	**0.015**	**0.095**	**0.610**	**0.011**	**0.780**	**0.851**	**0.585**	**1.191**
ARITH MEAN				**0.8**	**0.020**	**0.004**	**0.034**	**0.485**	**0.004**	**0.247**	**0.285**	**0.450**	**0.736**
GEOM MEAN				**0.7**	**0.018**	**0.002**	**0.027**	**0.478**	**0.003**	**0.165**	**0.205**	**0.443**	**0.711**
MINIMUM				**0.2**	**0.011**	**0.001**	**0.005**	**0.360**	**0.001**	**0.030**	**0.037**	**0.340**	**0.502**
STD DEV (GEOM *)				**0.4**	**0.007**	**0.005**	**0.026**	**0.084**	**0.003**	**0.226**	**0.246**	**0.088**	**0.214**
# SAMPLES (IN STATISTICS)				**10**	**10**	**9**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 06 1340	.3	1		287.00	5.70	281.30	487.0	0.90	6.000	7.24
81 03 02 1303	.3	1		229.0	8.2	220.8	364.0	3.50	5.000	7.84
81 04 06 1217	.3	1		234.1	3.3	245.000	374.0	1.50	4.500	8.20
81 05 05 1320	.3	1		240.6	3.9	236.7	398.0	0.65	5.000	8.18
81 06 01 1300	.3	1		213.0	2.1	210.9	388.0	0.62	5.000	8.20
81 07 07 1309	.3	1		198.3	1.7	218.400	336.0	1.60	3.500	8.09
81 08 05 1020	.3	1		269.8	1.3	256.100	394.0	1.60	6.500	8.23
81 09 14 1415	.3	1		297.2	2.3	294.9	464.0	0.85	6.500	8.15
81 10 05 1410	.3	1		266.1	2.2	263.9	415.0	0.70	6.000	8.17
81 11 02 1450	.3	1		269.00	1.30	267.70	439.0	0.85	6.000	8.20
MAXIMUM				**297.2**	**8.2**	**294.9**	**487.0**	**3.50**	**6.500**	**8.23**
ARITH MEAN				**250.4**	**3.2**	**249.5**	**405.9**	**1.28**	**5.400**	**8.05**
GEOM MEAN				**248.4**	**2.6**	**248.1**	**403.6**	**1.09**	**5.314**	**8.04**
MINIMUM				**198.3**	**1.3**	**210.9**	**336.0**	**0.62**	**3.500**	**7.24**
STD DEV (GEOM *)				**32.3**	**2.2**	**28.1**	**46.3**	**0.87**	**0.966**	**0.31**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **ALBEMARBLE BROOK**
SAMPLE POINT: **AT HIGHWAY NO 6 NEAR MAR MOE SW A3**
STATION TYPE: **RIVER FLOW GAUGE MOE 02FA102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SAUBLE RIVER**

STATION ID: **08-0135-004-02**
STORET CODE: **02 002 1410**

LAT: LONG: U.T.M: **17 0482700.0 4964350.0 4** REGION: **01** DISTANCE: **25.105**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 03 02 1342	.3	1		40019	3	60I	150	10<	10I	4<	3.0	6.6	0.5
81 04 06 1300	.3	1		40035	6	36	624	4<	4<	4<	9.5	14.0	0.3
81 05 05 1415	.3	1		40051	6	300I	23000	4<	4<	4<	14.0	11.0	2.0
81 06 01 1340	.3	1		40067	6	310	1800	36	4	4<	17.8	10.0	0.8
81 07 07 1342	.3	1		40083	6	310C	5200	60	4	4<	23.8	8.5	1.0
81 08 05 1000	.3	1		40106	6	2200	7000	600>	272	4<	19.5	8.2	0.9
81 09 14 1455	.3	1		40114	6	1000C	70000	150	36	4<	19.0	9.0	0.6
81 10 05 1450	.3	1		40130	6	180	200	24	28	4<	10.0	9.6	0.5
81 11 02 1520	.3	1		40147	6	100	1250	20	4<	4<	9.8	10.4	1.0
81 12 07 1520	.3	1		40163	6	44	668	4<	12	4<	1.2	12.5	1.0
MAXIMUM						**2200**	**70000**	**150**	**272**		**23.8**	**14.0**	**2.0**
ARITH MEAN						**454**	**10989**	**58**	**52**		**12.8**	**10.0**	**0.9**
GEOM MEAN						**201**	**2098**	**43**	**18**		**9.7**	**9.8**	**0.8**
MINIMUM						**36**	**150**	**20**	**4**		**1.2**	**6.6**	**0.3**
STD DEV (GEOM *)						**4***	**7***	**2***	**4***		**7.4**	**2.2**	**0.5**
# SAMPLES (IN STATISTICS)						**10**	**10**	**5**	**7**		**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 02 1342	3	1		0.011	0.002	0.005	0.230	0.002	0.290	0.297	0.225	0.522	172.00
81 04 06 1300	3	1		0.015	0.003	0.015	0.320	0.002	0.020	0.037	0.305	0.342	208.80
81 05 05 1415	3	1		0.060	0.004	0.035	1.140	0.004	0.030	0.069	1.105	1.174	483.80
81 06 01 1340	3	1		0.020	0.003	0.005	0.420	0.001	0.030	0.036	0.415	0.451	214.00
81 07 07 1342	3	1		0.024	0.003	0.005	0.580	0.004	0.070	0.079	0.575	0.654	232.10
81 08 05 1000	3	1		0.035	0.008	0.005	0.650	0.002	0.050	0.057	0.645	0.702	254.10
81 09 14 1455	3	1		0.014	0.004	0.005	0.430	0.001	0.020	0.026	0.425	0.451	264.40
81 10 05 1450	3	1		0.010	0.002	0.005<	0.390	0.001<	0.010<	0.016	0.385	0.401	268.40
81 11 02 1520	3	1		0.010	0.002	0.005<	0.300	0.001	0.001<	0.007	0.295	0.302	244.60
81 12 07 1520	3	1		0.021	0.002	0.005<	0.330	0.001	0.130	0.136	0.325	0.461	249.80
MAXIMUM				**0.060**	**0.008**	**0.035**	**1.140**	**0.004**	**0.290**	**0.297**	**1.105**	**1.174**	**483.80**
ARITH MEAN				**0.022**	**0.003**	**0.011**	**0.479**	**0.002**	**0.080**	**0.092**	**0.502**	**0.595**	**259.20**
GEOM MEAN				**0.019**	**0.003**	**0.008**	**0.431**	**0.002**	**0.051**	**0.068**	**0.448**	**0.555**	**249.93**
MINIMUM				**0.010**	**0.002**	**0.005**	**0.230**	**0.001**	**0.020**	**0.026**	**0.225**	**0.342**	**172.00**
STD DEV (GEOM *)				**0.015**	**0.002**	**0.011**	**0.265**	**0.001**	**0.092**	**0.090**	**0.280**	**0.262**	**84.20**
# SAMPLES (IN STATISTICS)				**10**	**10**	**7**	**10**	**9**	**8**	**8**	**8**	**8**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	SIO3UR	ACDT	ALKT	PH
81 03 02 1342		3	1	4.00		304.0	1.30	2.000	8.000	0.660	10.100	154.0	8.09
81 04 06 1300		3	1	2.50	228.000	350.0	0.65	2.500	12.000	0.200	11.600	184.0	8.05
81 05 05 1415		3	1	9.70	474.10	800.0	0.65	152.000	6.000	0.140	11.300	188.0	7.70
81 06 01 1340		3	1	2.70	211.30	386.0	0.61	2.000	3.500	0.520		214.0	8.38
81 07 07 1342		3	1	2.00	249.600	384.0	1.40	2.000	3.500	1.700	2.800	216.0	8.23
81 08 05 1000		3	1	2.90	243.800	375.0	2.20	1.500	6.000	2.100	0.900	20.4	8.21
81 09 14 1455		3	1	1.50	262.90	429.0	0.45	2.500	3.000	2.740	1.000	241.0	8.27
81 10 05 1450		3	1	0.90	267.50	426.0	0.45	2.500	6.500		0.000	231.0	8.32
81 11 02 1520		3	1	1.30	243.30	454.0	0.55	3.500	9.000	0.720	0.000	248.0	8.36
81 12 07 1520		3	1	16.50	233.30	405.0	2.60	3.000	12.000	1.500	3.900	214.0	8.20
	MAXIMUM			**16.50**	**474.10**	**800.0**	**2.60**	**152.000**	**12.000**	**2.740**	**11.600**	**248.0**	**8.38**
	ARITH MEAN			**4.40**	**268.20**	**431.3**	**1.09**	**17.350**	**6.950**	**1.142**	**5.943**	**191.0**	**8.18**
	GEOM MEAN			**2.91**	**260.62**	**417.0**	**0.89**	**3.529**	**6.238**	**0.776**	**3.870**	**164.9**	**8.18**
	MINIMUM			**0.90**	**211.30**	**304.0**	**0.45**	**1.500**	**3.000**	**0.140**	**0.900**	**20.4**	**7.70**
	STD DEV (GEOM *)			**4.94**	**79.10**	**136.4**	**0.77**	**47.315**	**3.295**	**0.908**	**4.863**	**66.3**	**0.20**
	# SAMPLES (IN STATISTICS)			**10**	**9**	**10**	**10**	**10**	**10**	**9**	**7**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF.REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	GROSS ALPHA CT FILTERED PCI/L
	TEST-NAME:			PHNOL	FEUT	HARDT	CAUR	MGUR	COLAP	KKUR	NAUR	COD	GACF
81 03 02 1342		3	1	1.000<	0.180	160.000	39.500	14.800	15.000	1.30	0.700	55	1<
81 04 06 1300		3	1	1.000<	0.240	195.000	47.000	18.800	24.000	1.600	0.800		1<
81 05 05 1415		3	1	1.000<	0.150	217.000	64.000	13.800	120.000	2.45	86.500		1
81 06 01 1340		3	1	1.000<	0.210	220.000	52.000	21.800	31.000	0.45	0.900		1<
81 07 07 1342		3	1	1.000<	0.240	223.000	50.500	23.600	44.000	0.70	1.300		1
81 08 05 1000		3	1	1.000<	0.270	216.000	49.500	22.400	48.000	1.05	1.000		
81 09 14 1455		3	1		0.150	238.000	55.000	24.400	34.000	0.90	1.300	21	
81 10 05 1450		3	1	1.000<	0.110	247.000	58.000	24.800	30.000	1.05	1.100	18	
81 11 02 1520		3	1	1.000<	0.130	257.000	60.500	25.600	23.000	1.15	1.400	90	
81 12 07 1520		3	1	1.000<	0.150	225.000	54.000	21.800	18.000	1.00	0.900	25	
	MAXIMUM				**0.270**	**257.000**	**64.000**	**25.600**	**120.000**	**2.45**	**86.500**	**90**	**1**
	ARITH MEAN				**0.183**	**219.800**	**53.000**	**21.180**	**38.700**	**1.16**	**9.590**	**42**	**1**
	GEOM MEAN				**0.176**	**218.131**	**52.562**	**20.770**	**32.189**	**1.06**	**1.588**	**34**	**1**
	MINIMUM				**0.110**	**160.000**	**39.500**	**13.800**	**15.000**	**0.45**	**0.700**	**18**	**1**
	STD DEV (GEOM *)				**0.054**	**27.296**	**7.032**	**4.109**	**30.430**	**0.54**	**27.024**	**31**	**0**
	# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**5**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	TRITIUM HYDROG-3 DISINTEG /MIN	CESIUM 137 PCI/L	CESIUM 134 PCI/L	COBALT 60 PCI/L
	TEST-NAME:			GACP	GBCF	GBCP	HH3	CS137	CS134	CO60
81 03 02 1342		3	1	1<	2	1<		15<	15<	15<
81 04 06 1300		3	1	1<	2	1<		15<	15<	15<
81 05 05 1415		3	1	1<	9	1<		15<	15<	15<
81 06 01 1340		3	1	1<	1	1<		15<	15<	15<
81 07 07 1342		3	1	1<	1	1<		15<	15<	15<
	MAXIMUM				**9**					
	ARITH MEAN				**3**					
	GEOM MEAN				**2**					
	MINIMUM				**1**					
	STD DEV (GEOM *)				**3**					
	# SAMPLES (IN STATISTICS)				**5**					

B.O.W./ SITE: **REDHILL CREEK**
SAMPLE POINT: **AT BARTON STREET EAST HAMILTON**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HB107**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **REDHILL CREEK**

STATION ID: **09-0001-003-02**
STORET CODE: **02 004 4620**

LAT. LONG. U.T.M: **17 0599600.0 4788150.0 4** REGION: **02** DISTANCE: **3.701**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 28 1030		3	1	38320	6	35000	110000	3250	1120		1.0	10.0	3.2
81 02 09 0910		3	1	38368	6	15000	28000	1500	580		1.8	10.3	1.1
81 03 25 0830		3	1	38426	6	74000	300000>	560	600		4.5	12.50	1.2
81 03 30 0930		3	1	38451	3	7300000	105E+05	290000			12.0	9.40	
81 04 14 0900		3	1	38466	3	1000000	100E+05	33000			10.0	10.60	
81 04 23 0925		3	1	38477	3	1410000	3000000>	87000	61000	1400	7.00	11.50	
81 04 30 0845		3	1	38509	6	24000	190000	2000A	1000<	80A	9.0	12.30	1.0
81 05 25 0840		3	1	38545	6	12000	200000	980	412	122	16.0	7.15	0.8
81 06 22 0925		3	1	38574	3	9200000	4900001	110000	56000	8200	17.0	7.20	
81 06 25 0835		3	1	38575	6 3	55000A	290000	3000>	2020	140	19.0	7.80	0.4
81 07 30 0840		3	1	38629	6	90000A	480000	9200	2400	760	15.0	8.40	1.2
81 08 11 0850		3	1	38654	3	970000A	2100000	70000	13900	7400	18.5	8.05	
81 08 25 0850		3		38655	6	49000	190000	7400	600A	50A	16.0	8.30	1.4
81 09 29 0835		3	1	38723	8	21000	39000	1660	380	50A	10.5	8.30	0.2<T
81 10 15 0810		3	1	38759	8 9	12000	51000	700	450	20A	7.5	10.00	0.8
81 10 27 0905		3	1	38794	3	630000A	2500000	56000	12000	1190A	7.0	10.20	
81 11 16 0845		3	1	38811	3	44000	110000	3100	950	4<	4.5	10.20	1.0
81 12 08 0800		3	1	38855	3	84000	180000	3300	1200	130	4.5	10.10	2.8
	MAXIMUM					**9200000**	**105E+05**	**290000**	**61000**	**8200**	**19.0**	**12.50**	**3.2**
	ARITH MEAN					**1168055**	**1991750**	**39979**	**10241**	**1628**	**10.0**	**9.5**	**1.3<A**
	GEOM MEAN					**131913**	**393412**	**7828**	**2062**	**306**	**7.9**	**9.4**	**1.0<A**
	MINIMUM					**12000**	**28000**	**560**	**380**	**20**	**1.0**	**7.15**	**0.2**
	STD DEV (GEOM *)					**9***	**7***	**7***	**6***	**7***	**5.7**	**1.6**	**0.9<A**
	# SAMPLES (IN STATISTICS)					**18**	**16**	**17**	**15**	**12**	**18**	**18**	**12**

(CONTD)

B.O.W./ SITE: **REDHILL CREEK**
SAMPLE POINT: **AT BARTON STREET EAST HAMILTON**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HB107**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **REDHILL CREEK**

STATION ID: **09-0001-003-02**
STORET CODE: **02 004 4620**

LAT: LONG: U.T.M: **17 0599600.0 4788150.0 4** REGION: **02** DISTANCE: **3.701**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1030		.3	1	0.119	0.079	0.650	1.940	0.675	2.380	3.705	1.290	4.995	1425.00
81 02 09 0910		.3	1	0.086	0.066	1.040	1.490	0.073	2.430	3.543	0.450	3.993	2097.00
81 03 25 0830		.3	1	0.041	0.017	0.074	0.43	0.021	1.380	1.475	0.356	1.831	
81 03 30 0930		.3	1	0.650		1.300							
81 04 14 0900		.3	1	0.968		0.014							
81 04 23 0925		.3	1	0.408		0.940							
81 04 30 0845		.3	1	0.040	0.017	0.050	0.63	0.039	2.390	2.479	0.580	3.059	
81 05 25 0840		.3	1	0.087	0.073	0.008	0.60				0.592		
81 06 22 0925		.3	1	1.780		0.016							
81 06 25 0835		.3	1	0.110	0.098	0.004	0.75	0.002	2.98	2.986	0.746	3.732	
81 07 30 0840		.3	1	0.108	0.059	0.006	0.60	0.001	2.950	2.957	0.594	3.551	
81 08 11 0850		.3	1	0.242		0.002							
81 08 25 0850		.3		0.085	0.049	0.004	0.65	0.001	1.900	1.905	0.646	2.551	
81 09 29 0835		.3	1	0.095	0.013	0.026	0.55	0.058	0.195	0.279	0.524	0.803	
81 10 15 0810		.3	1	0.055	0.026	0.054	0.51	0.001	1.550	1.605	0.456	2.061	
81 10 27 0905		.3	1	0.350		0.146							
81 11 16 0845		.3	1	0.075	0.028	0.040	0.60	0.053	1.550	1.643	0.560	2.203	
81 12 08 0800		.3	1	0.315	0.027	0.014	0.75	0.022	3.430	3.466	0.736	4.202	
MAXIMUM				**1.780**	**0.098**	**1.300**	**1.940**	**0.675**	**3.430**	**3.705**	**1.290**	**4.995**	**2097.00**
ARITH MEAN				**0.312**	**0.046**	**0.244**	**0.79**	**0.086**	**2.10**	**2.368**	**0.627**	**2.998**	**1761.00**
GEOM MEAN				**0.164**	**0.038**	**0.041**	**0.71**	**0.014**	**1.76**	**2.001**	**0.596**	**2.710**	**1728.65**
MINIMUM				**0.040**	**0.013**	**0.002**	**0.43**	**0.001**	**0.195**	**0.279**	**0.356**	**0.803**	**1425.00**
STD DEV (GEOM *)				**0.441**	**0.029**	**0.423**	**0.45**	**0.197**	**0.91**	**1.077**	**0.237**	**1.231**	**475.18**
# SAMPLES (IN STATISTICS)				**18**	**12**	**18**	**12**	**11**	**11**	**11**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	
81 01 28 1030		.3	1	8.00	1417.00	2250.0	4.40	425.000	272.000	155.0	7.85		1.000	<
81 02 09 0910		.3	1	6.00	2091.00	3300.0	2.00	785.000	348.000	194.0	7.84	7.6	1.000	<
81 03 25 0830		.3	1	10	247	380	3.80	174.00		136	7.94	8.20	1	<T
81 03 30 0930		.3	1	90		1020	15.00			122	7.10	7.60	2	
81 04 14 0900		.3	1	700		800	245.00			175	8.12	7.40	1	
81 04 23 0925		.3	1	98		700	3.50			95	7.64	7.50	3	
81 04 30 0845		.3	1	5	852	1240	4.00	149.00		183	8.26	8.05	1	<T
81 05 25 0840		.3	1	2	1083	1460	1.20	202.00		142	8.28	7.50	1	<T
81 06 22 0925		.3	1	1250		455	1.30			278	7.74	7.40	1	
81 06 25 0835		.3	1	13	1142	1550	4.50	200		178	7.87	7.70	1	<T
81 07 30 0840		.3	1	28.6	980	1300	5.70	189.000		48	8.11		1	<T
81 08 11 0850		.3	1	78.6		920	16.90			146	7.63	8.10	1	<T
81 08 25 0850		.3		6.4	944	1480	2.50	185.00		167	7.85	8.50	1	<T
81 09 29 0835		.3	1	14.0	834	1300	14.40	125.00		230	8.05	8.25	1	<T
81 10 15 0810		.3	1	7.0	939	1300	2.30	142.00		201	8.30	7.90	1	<T
81 10 27 0905		.3	1	100.0		810	14.60			185	7.78	6.90	2	
81 11 16 0845		.3	1	14.9	738	1100	9.40	111.00		183	7.83	7.85	2	
81 12 08 0800		.3	1	222.0	731	1160	134.00	108.00		221	6.90	8.05	1	<T
MAXIMUM				**1250**	**2091.00**	**3300.0**	**245.00**	**785.000**	**348.000**	**278**	**8.30**	**8.50**	**3**	
ARITH MEAN				**147**	**999**	**1251**	**26.92**	**232**	**310.000**	**168**	**7.84**	**7.7**	**1**	**<A**
GEOM MEAN				**29**	**904**	**1108**	**7.03**	**192**	**307.662**	**159**	**7.83**	**7.7**	**1**	**<A**
MINIMUM				**2**	**247**	**380**	**1.20**	**108.00**	**272.000**	**48**	**6.90**	**6.90**	**1**	
STD DEV (GEOM *)				**320**	**442**	**672**	**62.35**	**192**	**53.740**	**51**	**0.37**	**0.4**	**0**	**<A**
# SAMPLES (IN STATISTICS)				**18**	**12**	**18**	**18**	**12**	**2**	**18**	**18**	**16**	**16**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
TEST-NAME:				*FEUT*	*COLAP*	*COD*	*ASUT*	*HGUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*
81 01 28 1030		.3	1	0.420	21.000	37	0.001	< 0.050	< 0.340	0.002	0.030	0.010	0.0003
81 02 09 0910		.3	1	0.160	12.000	42	0.001	0.040	< 0.140	0.001	< 0.004	0.003	< 0.0002
81 03 25 0830		.3	1	0.39		23	0.001	<		0.002	0.007	0.010	0.0002
81 03 30 0930		.3	1				0.001	<		0.010	0.021	0.058	0.0004
81 04 14 0900		.3	1				0.006			0.012	0.052	0.023	0.0029
81 04 23 0925		.3	1				0.001	<		0.004	0.013	0.020	0.0009
81 04 30 0845		.3	1	0.28		10				0.003	0.003	0.001	<
81 05 25 0840		.3	1	0.09		21				0.0080	0.008	0.036	
81 06 22 0925		.3	1				0.012			0.0360	0.045	0.043	0.0002
81 06 25 0835		.3	1	0.75		24				0.0030	0.007	0.003	<
81 07 30 0840		.3	1	1.10		46				0.0080	0.009	0.007	
81 08 11 0850		.3	1				0.001	<		0.0070	0.011	0.020	0.0003
81 08 25 0850		.3		0.21		30				0.005	0.012	0.003	
81 09 29 0835		.3	1	0.67		18				0.0050	0.012	0.003	<
81 10 15 0810		.3	1	0.18		15				0.0060	0.015	0.005	
81 10 27 0905		.3	1				0.001	<		0.0040	0.013	0.035	0.0005
81 11 16 0845		.3	1	0.58		24	0.001	<		0.0050	0.013	0.023	0.0001
81 12 08 0800		.3	1	8.25		27	0.001			0.011	0.018	0.003	< 0.0001
MAXIMUM				**8.25**	**21.000**	**46**	**0.012**		**0.340**	**0.0360**	**0.052**	**0.058**	**0.0029**
ARITH MEAN				**1.09**	**16.500**	**26**	**0.005**		**0.240**	**0.007**	**0.016**	**0.023**	**0.0009**
GEOM MEAN				**0.44**	**15.874**	**24**	**0.003**		**0.218**	**0.005**	**0.013**	**0.017**	**0.0006**
MINIMUM				**0.09**	**12.000**	**10**	**0.001**		**0.140**	**0.002**	**0.003**	**0.003**	**0.0003**
STD DEV (GEOM *)				**2.27**	**6.364**	**11**	**0.005**		**0.141**	**0.007**	**0.013**	**0.017**	**0.0010**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**4**		**2**	**17**	**18**	**13**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
81 01 28 1030		.3	1	0.078	0.230	0.006	0.0005<	0.010<	
81 02 09 0910		.3	1	0.004	0.260	0.003 <	0.022	0.010<	
81 03 25 0830		.3	1	0.039		0.007			
81 03 30 0930		.3	1	0.130				0.010<	
81 04 14 0900		.3	1	0.320				0.030	
81 04 23 0925		.3	1	0.094				0.010<	
81 04 30 0845		.3	1	0.036		0.004			
81 05 25 0840		.3	1	0.012		0.0030			
81 06 22 0925		.3	1	0.240				0.010<	
81 06 25 0835		.3	1	0.011		0.0020			
81 07 30 0840		.3	1	0.020		0.0100			
81 08 11 0850		.3	1	0.066				0.010<	
81 08 25 0850		.3		25.000		0.003			
81 09 29 0835		.3	1	0.013		0.0030			
81 10 15 0810		.3	1	0.008		0.0050			20<W
81 10 27 0905		.3	1	0.080				0.005<	
81 11 16 0845		.3	1	0.040		0.0030		0.005<T	
81 12 08 0800		.3	1	0.060		0.010		0.005<T	20<W
MAXIMUM				**25.000**	**0.260**	**0.010**	**0.022**	**0.030**	
ARITH MEAN				**1.458**	**0.245**	**0.005**	**0.022**	**0.013<A**	
GEOM MEAN				**0.057**	**0.245**	**0.004**		**0.009<A**	
MINIMUM				**0.004**	**0.230**	**0.0020**	**0.022**	**0.005**	
STD DEV (GEOM *)				**5.876**	**0.021**	**0.002**		**0.014<A**	
# SAMPLES (IN STATISTICS)				**18**	**2**	**11**	**1**	**3**	

B.O.W./SITE: **REDHILL CREEK**
SAMPLE POINT: **MOUNTAINBROW BLVD.HAMILTON ALBION FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED.02HA014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **REDHILL CREEK**

STATION ID: **09-0001-004-02**
STORET CODE: **02 004 4620**

LAT LONG U.T.M. **17 0595850.0 4783500.0 4** REGION: **02** DISTANCE: **10.300**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 28 1115		.3	1	38321	6	0.120	14900C	32000	1380	950		3.0	10.6
81 02 09 0935		.3	1	38369	4	0.090	18000	26000	2020	400		1.4	10.0
81 03 25 0910		.3	1	38427	5	0.210	32000	120000	2040	760		4.5	11.00
81 04 30 0905		.3	1	38510	6	0.418	8200	28000	60A	140A	40A	10.0	12.40
81 05 25 0950		.3	1	38546	6	0.123	22000	84000	6900	232	300>	15.0	6.80
81 06 25 0855		.3	1	38576	5	0.107	11000	140000	1300	750	60A	18.0	5.60
81 07 30 0910		.3	1	38630	5	0.178	23000A	310000	2600	1780		14.5	7.80
81 08 25 0905		.3		38656	5	0.146	12000	240000	1320	340	90A	13.5	7.55
81 09 29 0855		.3	1	38724	8	0.106	83000	17000	1500	140A	70A	10.0	7.20
81 10 15 0830		.3	1	38760	5		32000	96000	1280	450	60A	7.8	8.40
81 11 16 0905		.3	1	38812	3	0.577	73000	45000	1800	1800	112	5.5	8.80
81 12 08 0828		.3	1	38856	3		32000	44000	3200	1200	56	6.5	8.90
MAXIMUM						**0.577**	**83000**	**310000**	**6900**	**1800**	**112**	**18.0**	**12.40**
ARITH MEAN						**0.207**	**30092**	**98500**	**2117**	**745**	**70**	**9.1**	**8.7**
GEOM MEAN						**0.170**	**23554**	**66807**	**1486**	**537**	**66**	**7.4**	**8.5**
MINIMUM						**0.090**	**8200**	**17000**	**60**	**140**	**40**	**1.4**	**5.60**
STD DEV (GEOM *)						**0.161**	**2***	**3***	**3***	**2***	**1***	**5.3**	**1.9**
# SAMPLES (IN STATISTICS)						**10**	**12**	**12**	**12**	**12**	**7**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L
81 01 28 1115		.3	1	3.4	0.084	0.032	2.450	4.340	1.070	1.630		5.150	1.890
81 02 09 0935		.3	1	4.5	0.043	0.016	4.850	5.600	0.037	0.970		5.857	0.750
81 03 25 0910		.3	1	2.2	0.022	0.002	1.810	2.61	0.810	0.890	1.700	3.510	0.800
81 04 30 0905		.3	1	1.2	0.036	0.007	0.680	1.43	0.045	2.370	2.420	3.095	0.750
81 05 25 0950		.3	1	6.6	0.041	0.028	0.006	0.74	0.005	3.750	3.750	3.761	0.734
81 06 25 0855		.3	1	3.0	0.040	0.010	0.008	2.22	0.004	0.085	0.090	0.097	2.212
81 07 30 0910		.3	1	3.0	0.040	0.022	0.006	0.27	0.003	4.000	4.000	4.009	0.264
81 08 25 0905		.3		6.6	0.078	0.003	0.010	0.68	0.002	3.450	3.450	3.462	0.670
81 09 29 0855		.3	1	4.4	0.085	0.001<T	0.004	1.55	0.013	3.140	3.150	3.157	1.546
81 10 15 0830		.3	1	6.4	0.072	0.006	0.050	0.70	0.027	3.370	3.400	3.447	0.650
81 11 16 0905		.3	1	10.0	0.175	0.008	0.006	0.95	0.005	3.400	3.400	3.411	0.944
81 12 08 0828		.3	1	2.4	0.098	0.011	0.004	0.88	0.019	3.930	3.950	3.953	0.876
MAXIMUM				**10.0**	**0.175**	**0.032**	**4.850**	**5.600**	**1.070**	**4.000**	**4.000**	**5.857**	**2.212**
ARITH MEAN				**4.5**	**0.068**	**0.012<A**	**0.824**	**1.83**	**0.170**	**2.582**	**2.931**	**3.576**	**1.007**
GEOM MEAN				**3.9**	**0.058**	**0.008<A**	**0.049**	**1.30**	**0.021**	**1.890**	**2.208**	**2.811**	**0.876**
MINIMUM				**1.2**	**0.022**	**0.001**	**0.004**	**0.27**	**0.002**	**0.085**	**0.090**	**0.097**	**0.264**
STD DEV (GEOM *)				**2.5**	**0.042**	**0.010<A**	**1.511**	**1.63**	**0.364**	**1.355**	**1.223**	**1.369**	**0.571**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
81 01 28 1115		.3	1	7.040	1393.00	10.00	1383.00	2050.0	7.00	319.000	336.000	191.0	7.90
81 02 09 0935		.3	1	6.607	1763.00	8.00	1755.00	2650.0	4.30	468.000	400.000	233.0	7.83
81 03 25 0910		.3	1	4.310		6	1120	1650	3.80	233.00	310	198	7.84
81 04 30 0905		.3	1	3.845		7	897	1280	4.70	158.00	226.0	180	7.89
81 05 25 0950		.3	1	4.495		5	1295	1700	3.00	210.00	381.0	201	7.69
81 06 25 0855		.3	1	2.309		17	1298	1750	5.20	208	373	211	7.61
81 07 30 0910		.3	1	4.273		62.1	1108	1550	1.76	193.000	312.0	185	7.62
81 08 25 0905		.3		4.132		35.0	1168	1700	1.00	205.00	310.0	236	7.44
81 09 29 0855		.3	1	4.703		27.4	868	1480	7.10	138.00	285.0	253	7.93
81 10 15 0830		.3	1	4.097		29.0	1043	1410	12.30	156.00	320.0	248	8.01
81 11 16 0905		.3	1	4.355		77.5	983	1400	51.00	169.00	293.0	255	7.87
81 12 08 0828		.3	1	4.829		57.5	662	1080	41.00	115.00	210.0	200	8.05

(CONTD)

B.O.W. / SITE: **REDHILL CREEK**
SAMPLE POINT: **MOUNTAINBROW BLVD.HAMILTON ALBION FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED.02HA014**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **REDHILL CREEK**

STATION ID: **09-0001-004-02**
STORET CODE: **02 004 4620**

LAT: LONG: U.T.M.: **17 0595850.0 4783500.0 4** REGION: **02** DISTANCE: **10.300**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH
MAXIMUM				7.040	1763.00	77.5	1755.00	2650.0	51.00	468.000	400.000	255	8.05
ARITH MEAN				4.583	1578.00	28	1131	1641	11.85	214	313	215	7.81
GEOM MEAN				4.431	1567.12	18	1099	1601	6.11	199	307	214	7.80
MINIMUM				2.309	1393.00	5	662	1080	1.00	115.00	210.0	180	7.44
STD DEV (GEOM *)				1.228	261.63	24	283	404	16.36	95	57	27	0.18
# SAMPLES (IN STATISTICS)				12	2	12	12	12	12	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 01 28 1115		.3	1		1.000<	0.640				14.000			78
81 02 09 0935		.3	1	7.8	1.000<	0.460				19.000			74
81 03 25 0910		.3	1		1 <T	0.36	443	118.0	36.00	12.0	7.10	122.0	
81 04 30 0905		.3	1	8.00	1 <T	0.37	411	112.0	32.00	15.7	5.40	89.0	
81 05 25 0950		.3	1	7.50	1 <T	0.29	512	134.0	43.00	24.2	9.00	115.0	
81 06 25 0855		.3	1	7.40	1 <T	0.86	566	154.0	44.00	25.8	9.4	118	
81 07 30 0910		.3	1		1 <T	2.60	501	139.0	37.50		9.10	107.0	
81 08 25 0905		.3		8.10	1 <T	1.10	581	64.6	41.40	13.0	8.60	127.6	
81 09 29 0855		.3	1	8.25	1 <T	1.08	500	141.0	35.90	15.6	7.50	88.0	
81 10 15 0830		.3	1	7.80	1 <T	1.16	463	122.0	38.50	11.2	7.40	94.0	
81 11 16 0905		.3	1	8.00	1	4.80	601	179.0	37.50	20.4	9.30	94.0	
81 12 08 0828		.3	1	8.00	1 <T	1.62	398	115.0	27.00	22.4	6.90	67.0	
MAXIMUM				8.25	1	4.80	601	179.0	44.00	25.8	9.4	127.6	78
ARITH MEAN				7.8	1 <A	1.27	498	127.9	37.28	17.5	7.9	102	76
GEOM MEAN				7.8	1 <A	0.89	493	124.1	36.94	16.9	7.8	100	76
MINIMUM				7.40	1	0.29	398	64.6	27.00	11.2	5.40	67.0	74
STD DEV (GEOM *)				0.2	0 <A	1.28	70	30.2	5.09	5.0	1.3	18	3
# SAMPLES (IN STATISTICS)				9	10	12	10	10	10	11	10	10	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 28 1115		.3	1	0.001<	0.050<	0.520	0.002	0.022	0.008	0.0002	0.280	0.230	0.009
81 02 09 0935		.3	1	0.001<	0.040<	0.059	0.001 <	0.004	0.004	0.002	0.036	0.232	0.004
81 03 25 0910		.3	1		0.03 <	0.160	0.002 <	0.012	0.010		0.140	0.168	0.007
81 04 30 0905		.3	1		0.05 <	0.220	0.002 <	0.006	0.003<		0.140	0.088	0.003
81 05 25 0950		.3	1		0.08 <	0.130	0.0020<	0.008	0.043		0.081	0.148	0.0020<
81 06 25 0855		.3	1			0.280	0.0020<	0.007	0.003<		0.048	0.184	0.0040
81 07 30 0910		.3	1			1.700	0.0080	0.008	0.003<		0.076	0.210	0.0070
81 08 25 0905		.3			0.03 <	0.800	0.006	0.012	0.003<		0.120	0.190	0.005
81 09 29 0855		.3	1		0.05 <	0.780	0.0060	0.013	0.003<		0.077	0.122	0.0050
81 10 15 0830		.3	1		0.04 <	0.740	0.0080	0.016	0.003<		0.058	0.156	0.0060
81 11 16 0905		.3	1		0.06 <	2.600	0.0200	0.020	0.012		0.140	0.300	0.0070
81 12 08 0828		.3	1		0.03 <	1.000	0.007	0.013	0.012		0.110	0.156	0.006
MAXIMUM						2.600	0.0200	0.022	0.043	0.002	0.280	0.300	0.009
ARITH MEAN						0.749	0.008	0.012	0.015	0.001	0.109	0.182	0.005
GEOM MEAN						0.456	0.006	0.011	0.011	0.000	0.094	0.174	0.005
MINIMUM						0.059	0.002	0.004	0.004	0.0002	0.036	0.088	0.003
STD DEV (GEOM *)						0.748	0.005	0.006	0.014	0.001	0.065	0.056	0.001
# SAMPLES (IN STATISTICS)						12	7	12	6	2	12	12	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	P1PCBT PCB TOTAL NG/L
81 01 28 1115		.3	1	0.0005<	0.010<	
81 02 09 0935		.3	1	0.013	0.010<	
81 10 15 0830		.3	1			20<W
81 12 08 0828		.3	1			20<W
MAXIMUM				0.013		
ARITH MEAN				0.013		
GEOM MEAN						
MINIMUM				0.013		
STD DEV (GEOM *)						
# SAMPLES (IN STATISTICS)				1		

B.O.W. / SITE: **SPENCER CREEK**
SAMPLE POINT: **AT COOTES ROAD, DUNDAS**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SPENCER CREEK**

STATION ID: **09-0008-001-02**
STORET CODE: **02 004 4590**

LAT: LONG: U T M **17 0585050.0 4790350.0 4** REGION: **02** DISTANCE: **3.701**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 0930		.3	1	38305	4	0.250	12000	17000	340	1500>	2.0	12.4	0.8
81 02 10 0915		.3	1	38348	4	0.390	1900	2400	490	130	1.8	10.8	0.8
81 03 26 0900		.3	1	38443	9 5	1.140	310	770	30A	10A	4.5	14.20	0.6
81 04 19 0900		.3	1	28501	3	2.200	2600	29000	230	180	12.0	11.20	1.4
81 05 20 0910		.3	1	38532	9 5	1.000	1900A	35000	110	30A	12.0	8.70	1.8
81 06 29 0920		.3	1	38592	5 9	0.299	5200A	45000	420	510	19.0	5.10	0.6
81 07 29 0930		.3		38621	3	0.801	88000	101000	15000<	8200	14.0	8.30	1.2
81 08 11 0920		.3	1	38646	3 9	0.648	58000A	640000	5400	10300	18.5	7.30	1.6
81 09 28 0920		.3	1	38715	8	0.998	4300	7100	700A	100<	12.0	8.20	0.8
81 10 19 0930		.3	1	38783	3	4.350	5100	22000	250	510	7.0	11.50	7.8
81 11 18 0825		.3	1	38828	8	1.610	2100A	28000	40A	60A	4.5	10.80	0.2<T
81 12 14 0840		.3	1	38872	8	1.020	1800	15000	120	40A	1.5	14.20	0.2<T
MAXIMUM						**4.350**	**88000**	**640000**	**5400**	**10300**	**19.0**	**14.20**	**7.8**
ARITH MEAN						**1.225**	**15267**	**78522**	**739**	**1997**	**9.1**	**10.2**	**1.5<A**
GEOM MEAN						**0.897**	**4541**	**20671**	**250**	**227**	**6.6**	**9.8**	**0.9<A**
MINIMUM						**0.250**	**310**	**770**	**30**	**10**	**1.5**	**5.10**	**0.2**
STD DEV (GEOM *)						**1.130**	**5***	**6***	**4***	**10***	**6.4**	**2.7**	**2.1<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**11**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 14 0930		.3	1	0.040	0.024	0.226	0.540	0.015	1.630		1.871	0.314	2.185
81 02 10 0915		.3	1	0.036	0.024	0.158	0.420	0.016	1.580		1.754	0.262	2.016
81 03 26 0900		.3	1	0.017	0.001<W	0.016	0.44	0.007	1.090	1.100	1.113	0.424	1.537
81 04 19 0900		.3	1	0.063	0.010	0.040	0.68	0.029	0.640	0.670	0.709	0.640	1.349
81 05 20 0910		.3	1	0.053	0.015	0.082	0.73	0.084	0.465	0.050	0.631	0.648	1.279
81 06 29 0920		.3	1	0.060	0.020	0.006	0.43	0.002	0.650	0.650	0.658	0.424	1.082
81 07 29 0930		.3		0.235	0.038	0.006	0.78	0.053	0.680	0.735	0.739	0.774	1.513
81 08 11 0920		.3	1	0.232	0.039	0.004	0.80	0.002	0.720	0.720	0.726	0.796	1.522
81 09 28 0920		.3	1	0.125	0.079	0.050	0.72	0.023	0.800	0.825	0.873	0.670	1.543
81 10 19 0930		.3	1	0.112	0.022	0.016	0.88	0.038	0.770	0.810	0.824	0.864	1.688
81 11 18 0825		.3	1	0.075	0.045	0.030	0.65	0.024	0.925	0.950	0.979	0.620	1.599
81 12 14 0840		.3	1	0.028	0.017	0.028	0.38	0.014	1.490	1.500	1.532	0.352	1.884
MAXIMUM				**0.235**	**0.079**	**0.226**	**0.88**	**0.084**	**1.630**	**1.500**	**1.871**	**0.864**	**2.185**
ARITH MEAN				**0.090**	**0.028<A**	**0.055**	**0.62**	**0.026**	**0.953**	**0.801**	**1.034**	**0.566**	**1.600**
GEOM MEAN				**0.067**	**0.020<A**	**0.027**	**0.59**	**0.016**	**0.883**	**0.643**	**0.961**	**0.529**	**1.572**
MINIMUM				**0.017**	**0.001**	**0.004**	**0.38**	**0.002**	**0.465**	**0.050**	**0.631**	**0.262**	**1.082**
STD DEV (GEOM *)				**0.074**	**0.020<A**	**0.069**	**0.17**	**0.024**	**0.401**	**0.368**	**0.441**	**0.203**	**0.310**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*
81 01 14 0930		.3	1	522.00	6.00	516.00	700.0	3.50	53.000	79.000	249.0	8.02	8.0
81 02 10 0915		.3	1	563.00	13.00	550.00	820.0	3.20	65.000	83.000	252.0	8.12	8.25
81 03 26 0900		.3	1		4	356	580	2.60	33.50	64.0	210	8.28	8.00
81 04 19 0900		.3	1		28	386	610	9.00	40.50	62.0	208	8.28	8.15
81 05 20 0910		.3	1		11	394	620	4.50	35.50	50.0	228	8.32	8.20
81 06 29 0920		.3	1		15	526	740	2.20	50.00	108.0	199	7.96	7.70
81 07 29 0930		.3			119.0	268	640	96.00	22.50	88.0	187	7.94	
81 08 11 0920		.3	1		150.0	362	540	30.00	44.50	50.0	163	7.95	8.10
81 09 28 0920		.3	1		4.7	480	740	3.10	48.50	98.0	240	8.41	8.40
81 10 19 0930		.3	1		31.0	389	570	12.30	19.00	39.5	243	8.51	8.10
81 11 18 0825		.3	1		4.5	375	600	12.30	33.00	47.0	242	8.39	8.20
81 12 14 0840		.3	1		2.7	420	680	3.50	40.50	59.0	258	8.40	8.30
MAXIMUM				**563.00**	**150.0**	**550.00**	**820.0**	**96.00**	**65.000**	**108.0**	**258**	**8.51**	**8.40**
ARITH MEAN				**542.50**	**32**	**418**	**653**	**15.18**	**40.45**	**68.9**	**223**	**8.21**	**8.1**
GEOM MEAN				**542.11**	**13**	**410**	**648**	**6.93**	**38.38**	**65.8**	**221**	**8.21**	**8.1**
MINIMUM				**522.00**	**2.7**	**268**	**540**	**2.20**	**19.00**	**39.5**	**163**	**7.94**	**7.70**
STD DEV (GEOM *)				**28.99**	**49**	**83**	**83**	**26.64**	**12.94**	**21.8**	**29**	**0.21**	**0.1**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*PHNOL*	*FEUT*	*COLAP*	*COD*	*DOC*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*
81 01 14 0930		.3	1	1.000<	0.320	18.000	10<		0.001<		0.001<	0.0005<	0.003
81 02 10 0915		.3	1	1.000<	0.430	16.000	18		0.001<	0.095	0.002	0.005	0.004
81 03 26 0900		.3	1	1 <T	0.21		29	4.8				0.002	0.004
81 04 19 0900		.3	1	1 <T	1.02		31	7.1				0.002	0.003<
81 05 20 0910		.3	1	1 <T	0.48		34	8.5				0.003	0.003<
81 06 29 0920		.3	1	1 <T	0.58		29	5.1				0.004	0.003<
81 07 29 0930		.3		1 <T	5.30		46	5.6				0.011	0.003<
81 08 11 0920		.3	1	1 <T	5.40		26	5.3				0.046	0.026
81 09 28 0920		.3	1	1 <T	0.23		38	9.7				0.007	0.004
81 10 19 0930		.3	1	1 <T	1.04		25	11.0				0.008	0.008
81 11 18 0825		.3	1	1 <T	0.27		30	8.2				0.007	0.006
81 12 14 0840		.3	1	1 <T	0.22		11	6.0				0.006	0.005
MAXIMUM				**1**	**5.40**	**18.000**	**46**	**11.0**		**0.095**	**0.002**	**0.046**	**0.026**
ARITH MEAN				**1** <A	**1.29**	**17.000**	**29**	**7.1**		**0.095**	**0.002**	**0.009**	**0.007**
GEOM MEAN				**1** <A	**0.62**	**16.971**	**27**	**6.9**				**0.005**	**0.006**
MINIMUM				**1**	**0.21**	**16.000**	**11**	**4.8**		**0.095**	**0.002**	**0.002**	**0.003**
STD DEV (GEOM *)				**0** <A	**1.91**	**1.414**	**9**	**2.1**				**0.012**	**0.008**
# SAMPLES (IN STATISTICS)				**10**	**12**	**2**	**11**	**10**		**1**	**1**	**11**	**8**

(CONTD)

B.O.W./ SITE: **SPENCER CREEK**
SAMPLE POINT: **AT COOTES ROAD, DUNDAS**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SPENCER CREEK**

STATION ID: **09-0008-001-02**
STORET CODE: **02 004 4590**

LAT: LONG: U T M: **17 0585050.0 4790350.0 4** REGION: **02** DISTANCE: **3.701**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	*TEST-NAME:* *CDUT* CADMIUM UNF.TOT. MG/L AS CD	*ZNUT* ZINC UNF.TOT. MG/L AS ZN	*MNUT* MANGANSE UNF.TOT. MG/L AS MN	*NIUT* NICKEL UNF.TOT. MG/L AS NI	*COUT* COBALT UNF.TOT. MG/L AS CO
81 01 14 0930		.3	1	0.0002<	0.012	0.072	0.003<	0.0005<
81 02 10 0915		.3	1	0.0005	0.015	0.078	0.003<	0.035
81 03 26 0900		.3	1		0.013			
81 04 19 0900		.3	1		0.061			
81 05 20 0910		.3	1		0.009			
81 06 29 0920		.3	1		0.006			
81 07 29 0930		.3			0.041			
81 08 11 0920		.3	1		0.060			
81 09 28 0920		.3	1		0.008			
81 10 19 0930		.3	1		0.022			
81 11 18 0825		.3	1		0.014			
81 12 14 0840		.3	1		0.009			
MAXIMUM				**0.0005**	**0.061**	**0.078**		**0.035**
ARITH MEAN				**0.0005**	**0.022**	**0.075**		**0.035**
GEOM MEAN					**0.017**	**0.075**		
MINIMUM				**0.0005**	**0.006**	**0.072**		**0.035**
STD DEV (GEOM *)					**0.020**	**0.004**		
# SAMPLES (IN STATISTICS)				**1**	**12**	**2**		**1**

B.O.W./ SITE: **GRINDSTONE CREEK**
SAMPLE POINT: **HIGHWAY 2, BAYVIEW, HAMILTON HARBOUR**
STATION TYPE: **RIVER FLOW GAUGE FED 02HB012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GRINDSTONE CREEK**

STATION ID: **09-0009-001-02**
STORET CODE: **02 004 4580**

LAT: LONG: U T M: **17 0590500.0 4793675.0 4** REGION: **03** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	*TEST-NAME:* *SAMPLE* SAMPLE NUMBER	*FWSTRC* STREAM COND.	*FWFLOW* STREAM FLOW M3 /S	*TCMF* COLIFORM TOTAL MF CNT /100ML	*TCMFBK* COLIFORM TOTAL MF BCKGRD CNT /100ML	*FCMF* FECAL COLIFORM MF CNT /100ML	*FSMF* FECAL STREPCUS MF CNT /100ML	*FWTEMP* WATER TEMP DEG.C	*DO* DISOLVED OXYGEN MG/L AS O	*BOD5* BOD 5 DAY TOT.DEM. MG/L AS O
81 01 29 0900		.3	1	37210	4	0.102	2400	27000	80I	60I	0.0	12.2	0.6
81 02 26 1410		.3	1	37225	8	1.650					3.0	13.6	0.6
81 03 25 1500		.3	1	37240	5	0.468	50I	1200	10<	20I	6.5	16.6	0.7
81 04 29 1430		.3	1	37255	5	0.855	1500>	1500>	30I	30I	12.5	11.4	2.2
81 05 25 1130		.3	1	37270	8	0.351	1800	12000	40A	20A	20.5	11.4	5.2
81 06 29 1510		.3	1	37285	8	0.116	100A	83000	10A	20A	26.0	15.40	4.0
81 07 27 1320		.3	1	37300	8	0.103	120A	24000	10<	10A	23.0	12.00	3.2
81 08 30 1515		.3	1	37316	9	1.150	94000A	1600000	17000	43000	20.0	7.80	3.2
81 09 28 1415		.3	1	37331	8	0.183	1400	20000	10<	10<	14.5	14.40	2.6
81 10 29 1515		.3	1	37346	8	1.500	1100	17000	80A	140	8.0	11.40	1.6
81 11 24 1520		.3	1	37361	8	0.915	3200	5800	170	120	2.0	14.20	0.4
81 12 21 1455		.3	1	37376	4	0.348	220	2100	12	4<	0.0	14.00	0.6
MAXIMUM						**1.650**	**94000**	**1600000**	**17000**	**43000**	**26.0**	**16.6**	**5.2**
ARITH MEAN						**0.645**	**10439**	**179210**	**2178**	**4824**	**13.6**	**12.8**	**2.1**
GEOM MEAN						**0.418**	**875**	**18665**	**85**	**78**	**10.3**	**12.6**	**1.5**
MINIMUM						**0.102**	**50**	**1200**	**10**	**10**	**2.0**	**7.80**	**0.4**
STD DEV (GEOM *)						**0.556**	**9***	**7***	**10***	**13***	**8.6**	**2.3**	**1.6**
# SAMPLES (IN STATISTICS)						**12**	**10**	**10**	**8**	**9**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	*TEST-NAME:* *PPUT* PHOSPHOR UNF.TOT. MG/L AS P	*PPO4FR* PO4 FIL.REAC MG/L AS P	*NNHTFR* NH3-N TOTAL FIL.REAC MG/L AS N	*NNTKUR* K'DAHL N TOTAL FIL.TOT. MG/L AS N	*NNO2FR* NO2-N FIL.REAC MG/L AS N	*NNO3FR* NO3-N FIL.REAC MG/L AS N	*NNOTFR* NO2+NO3N FIL.REAC MG/L AS N	*NNTIFR* INORG N TOTAL FIL.REAC MG/L	*NNKUR* KJELDAHL ORGANIC UNF.REAC MG/L	*NNKI* TOTAL N MG/L AS N
81 01 29 0900		.3	1	0.048	0.030	0.274	0.820	0.110	4.800		5.184	0.546	5.730
81 02 26 1410		.3	1	0.062	0.032	0.106	0.680	0.025	2.030		2.161	0.574	2.735
81 03 25 1500		.3	1	0.044	0.010	0.110	0.820	0.024	1.980		2.114	0.710	2.824
81 04 29 1430		.3	1	0.074	0.001	0.048	1.000	0.021	0.394		0.463	0.952	1.415
81 05 25 1130		.3	1	0.177	0.049	0.014	1.81			1.100		1.796	2.910
81 06 29 1510		.3	1	0.190		0.008	1.85	0.006	0.235	2.300	0.249	1.842	2.091
81 07 27 1320		.3	1	0.192	0.060	0.008	1.78	0.009	1.840	1.850	1.857	1.772	3.629
81 08 30 1515		.3	1	0.312	0.136	0.018	2.95	0.038	1.990	2.300	2.046	2.932	4.978
81 09 28 1415		.3	1	0.140	0.026	0.074	1.50	0.002	1.950	1.950	2.026	1.426	3.452
81 10 29 1515		.3	1	0.162	0.073	0.018	0.92	0.032	1.320	1.350	1.370	0.902	2.272
81 11 24 1520		.3	1	0.238	0.215	0.020	0.82	0.009	1.740	1.750	1.769	0.800	2.569
81 12 21 1455		.3	1	0.060	0.034	0.040	1.05	0.084	3.520	3.600	3.644	1.010	4.654
MAXIMUM				**0.312**	**0.215**	**0.274**	**2.95**	**0.110**	**4.800**	**3.600**	**5.184**	**2.932**	**5.730**
ARITH MEAN				**0.142**	**0.061**	**0.061**	**1.33**	**0.033**	**1.982**	**2.025**	**2.080**	**1.272**	**3.272**
GEOM MEAN				**0.117**	**0.033**	**0.034**	**1.20**	**0.019**	**1.524**	**1.912**	**1.608**	**1.117**	**3.049**
MINIMUM				**0.044**	**0.001**	**0.008**	**0.680**	**0.002**	**0.235**	**1.100**	**0.249**	**0.546**	**1.415**
STD DEV (GEOM *)				**0.086**	**0.063**	**0.076**	**0.66**	**0.034**	**1.281**	**0.761**	**1.368**	**0.706**	**1.278**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**11**	**11**	**8**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	*TEST-NAME:* *RST* RESIDUE TOTAL MG/L	*RSP* RESIDUE PARTIC. MG/L	*RSF* RESIDUE FILTERED MG/L	*COND25* CONDUCT. 25C UMHO/CM AT 25 C	*TURB* TURB'ITY FTU	*CLIDUR* CHLORIDE UNF.REAC MG/L AS CL	*ALKT* ALK TOTAL MG/L AS CACO3	*PH* PH	*FWPH* PH FIELD	*CUUT* COPPER UNF.TOT. MG/L AS CU
81 01 29 0900		.3	1	692.0	3.0	689.0	1060.0	3.20	130.000		7.90	7.0	
81 02 26 1410		.3	1	396.0	12.0	384.0	396.0	4.50	44.000		7.89	7.75	
81 03 25 1500		.3	1	524.0	9.0	515.0	240.0	3.40	62.000		8.29	7.3	
81 04 29 1430		.3	1	572.0	31.0	541.0	780.0	15.00	82.000		7.84	7.4	
81 05 25 1130		.3	1	565		522	730	20.00	70.00	210	7.76	8.4	
81 06 29 1510		.3	1	495		458	680	1.70	88.00	140	7.55	8.70	
81 07 27 1320		.3	1	480		437	640	4.50	73.00	146	7.72	8.70	
81 08 30 1515		.3	1	1512		322	520	278.00	52.50	125	7.71	7.50	0.040
81 09 28 1415		.3	1	477		474	750	31.00	78.00	211	8.49	8.40	0.007
81 10 29 1515		.3	1	457		446	660	12.10	45.50	116	8.33	8.00	0.009
81 11 24 1520		.3	1	414		409	690	4.60	46.00	237	8.44	8.90	0.025
81 12 21 1455		.3	1	630		614	930	6.30	79.00	280	8.54	8.70	0.017

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
MAXIMUM				1512	31.0	689.0	1060.0	278.00	130.000	280	8.54	8.90	0.040
ARITH MEAN				601	13.7	484	673	32.02	70.83	183	8.04	8.0	0.020
GEOM MEAN				559	10.0	474	632	9.14	67.44	175	8.03	8.0	0.016
MINIMUM				396.0	3.0	322	240.0	1.70	44.000	116	7.55	7.0	0.007
STD DEV (GEOM *)				299	12.1	100	218	77.95	24.18	60	0.35	0.6	0.013
# SAMPLES (IN STATISTICS)				12	4	12	12	12	12	8	12	12	5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 30 1515		.3	1	0.071	0.180
81 09 28 1415		.3	1	0.003<	0.009
81 10 29 1515		.3	1	0.010	0.007
81 11 24 1520		.3	1	0.006	0.010
81 12 21 1455		.3	1	0.003<	0.014
MAXIMUM				0.071	0.180
ARITH MEAN				0.029	0.044
GEOM MEAN				0.016	0.017
MINIMUM				0.006	0.007
STD DEV (GEOM *)				0.036	0.076
# SAMPLES (IN STATISTICS)				3	5

B.O.W./ SITE: **GRINDSTONE CREEK**
SAMPLE POINT: **WATERDOWN ROAD, WATERDOWN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GRINDSTONE CREEK**

STATION ID: **09-0009-002-02**
STORET CODE: **02 004 4580**

LAT LONG: U T M **17 0590150.0 4797950.0 4** REGION: **03** DISTANCE **7.242**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 29 0830		.3	1	37211	8	8700	21000	480	100I	0.0	14.2	0.6	0.068
81 02 26 1345		.3	1	37226	8					2.5	13.2	0.6	0.058
81 03 25 1520		.3	1	37241	8	4400	6000	890	140	5.0	12.6	0.8	0.026
81 04 29 1445		.3	1	37256	8	3400	19000	20I	90I	10.5	11.6	1.4	0.050
81 05 25		.3	1	37271	8	3800	23000	220	40A	18.0	9.80	0.8	0.026
81 06 29 1450		.3	1	37286	8	3500A	33000	200	430	22.0	9.00	1.2	0.043
81 07 27 1330		.3	1	37301	8	11700	17000	520	340	18.0	10.30	1.0	0.092
81 08 30 1530		.3	1	37317	8	115000A	1580000	13000	27000	18.0	9.20	2.4	0.515
81 09 28 1400		.3	1	37332	8	3300	5700	180A	180A	13.5	9.20	0.4	0.048
81 10 29 1530		.3	1	37347	8	500A	7500	40A	90A	7.0	11.60	1.6	0.322
81 11 24 1510		.3	1	37362	8	1000	6500	20A	60A	2.0	13.20	0.8	0.202
81 12 21 1420		.3	1	37377	8	190A	2900	16	16	0.0		0.4	0.020
MAXIMUM						115000	1580000	13000	27000	22.0	14.2	2.4	0.515
ARITH MEAN						14135	156509	1417	2590	11.6	11.2	1.0	0.122
GEOM MEAN						3412	17214	178	168	8.9	11.1	0.9	0.071
MINIMUM						190	2900	16	16	2.0	9.00	0.4	0.020
STD DEV (GEOM *)						5*	5*	8*	7*	7.3	1.8	0.6	0.152
# SAMPLES (IN STATISTICS)						11	11	11	11	10	11	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 29 0830		.3	1	0.018	0.120	0.630	0.062	5.090		5.272	0.510	5.782	570.0
81 02 26 1345		.3	1	0.029	0.080	0.720	0.024	2.030		2.134	0.640	2.774	356.0
81 03 25 1520		.3	1	0.003	0.020	0.690	0.007	1.940		1.967	0.670	2.637	471.0
81 04 29 1445		.3	1	0.002	0.016	1.280	0.008	0.492		0.516	1.264	1.780	457.0
81 05 25		.3	1	0.003	0.044	1.08	0.026	1.570	1.600	1.640	1.036	2.676	480
81 06 29 1450		.3	1	0.023	0.006	0.53	0.003	2.200	2.200	2.209	0.524	2.733	488
81 07 27 1330		.3	1	0.024	0.006	0.65	0.006	2.840	2.850	2.852	0.644	3.496	538
81 08 30 1530		.3	1	0.120	0.006	1.15	0.011	1.940	1.950	1.957	1.144	3.101	493
81 09 28 1400		.3	1	0.022	0.014	0.90	0.015	1.630	2.650	1.659	0.886	2.545	477
81 10 29 1530		.3	1	0.240	0.010	1.08	0.005	1.340	1.350	1.355	1.070	2.425	430
81 11 24 1510		.3	1	0.160	0.018	0.90	0.007	1.740	1.750	1.765	0.882	2.647	411
81 12 21 1420		.3	1	0.006	0.006	0.95	0.033	3.720	3.850	3.759	0.944	4.703	533
MAXIMUM				0.240	0.120	1.280	0.062	5.090	3.850	5.272	1.264	5.782	570.0
ARITH MEAN				0.054	0.029	0.88	0.017	2.211	2.275	2.257	0.851	3.108	475
GEOM MEAN				0.020	0.017	0.85	0.012	1.929	2.159	1.971	0.816	2.963	471
MINIMUM				0.002	0.006	0.53	0.003	0.492	1.350	0.516	0.510	1.780	366.0
STD DEV (GEOM *)				0.077	0.036	0.23	0.017	1.199	0.815	1.233	0.251	1.098	58
# SAMPLES (IN STATISTICS)				12	12	12	12	12	8	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 29 0830		.3	1	5.0	565.0	820.0	2.70	58.000		8.19	7.5		
81 02 26 1345		.3	1	7.0	349.0	500.0	2.20	31.000		7.84	7.8		
81 03 25 1520		.3	1	3.0	468.0	660.0	1.30	37.500		8.45	7.05		
81 04 29 1445		.3	1	8.0	449.0	640.0	3.00	38.500		8.06	7.5		
81 05 25		.3	1		476	660	1.50	41.00	230	8.45	8.60		
81 06 29 1450		.3	1		481	680	1.00	47.00	217	8.56	8.60		
81 07 27 1330		.3	1		518	700	3.50	50.00	209	8.47	8.10		
81 08 30 1530		.3	1		293	450	64.00	29.00	131	7.85	7.70	0.016	0.020
81 09 28 1400		.3	1		473	685	1.46	40.00	247	8.56	8.30	0.007	0.003<
81 10 29 1530		.3	1		418	600	7.10	33.00	213	8.25	8.00	0.009	0.010
81 11 24 1510		.3	1		404	640	3.50	33.50	234	8.37	8.70	0.018	0.006
81 12 21 1420		.3	1		527	790	2.50	44.00	253	8.25	8.70	0.015	0.003<

(CONTD)

B.O.W./ SITE: **GRINDSTONE CREEK**
SAMPLE POINT: **WATERDOWN ROAD, WATERDOWN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **GRINDSTONE CREEK**

STATION ID: **09-0009-002-02**
STORET CODE: **02 004 4580**

LAT. LONG. U.T.M: **17 0590150.0 4797950.0 4** REGION: **03** DISTANCE: **7.242**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
MAXIMUM				8.0	565.0	820.0	64.00	58.000	253	8.56	8.70	0.018	0.020
ARITH MEAN				5.7	451	652	7.81	40.20	217	8.27	8.0	0.013	0.012
GEOM MEAN				5.4	445	644	3.07	39.42	213	8.27	8.0	0.012	0.011
MINIMUM				3.0	293	450	1.00	29.00	131	7.84	7.05	0.007	0.006
STD DEV (GEOM *)				2.2	76	103	17.77	8.48	38	0.25	0.5	0.005	0.007
# SAMPLES (IN STATISTICS)				4	12	12	12	12	8	12	12	5	3

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 30 1530		.3	1	0.073
81 09 28 1400		.3	1	0.003
81 10 29 1530		.3	1	0.015
81 11 24 1510		.3	1	0.007
81 12 21 1420		.3	1	0.006
MAXIMUM				0.073
ARITH MEAN				0.021
GEOM MEAN				0.011
MINIMUM				0.003
STD DEV (GEOM *)				0.030
# SAMPLES (IN STATISTICS)				5

B.O.W./ SITE: **TURKEY CREEK**
SAMPLE POINT: **AT WINDSOR SUBURBAN ROAD 40**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **TURKEY CREEK**

STATION ID: **10-0001-002-02**
STORET CODE: **02 003 2740**

LAT. LONG. U.T.M: **17 0329400.0 4679200.0 4** REGION: **01** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 13 1345		.3	1	40503	4	6000000>	120E+05>	141000	19000>	1500>	0.0	5.2	12.8
81 02 09 1350		.3	1	40520	6	7100000C	286E+05	120000	6000	100<	0.5	7.2	10.0
81 03 09 1145		.3	1	40535	6	1900000	100E+05	42000	2900	140	6.0	11.2	5.0
81 04 13 1255		.3	1	40555	6	1250000	1400000	46000	6400	410	12.0	11.8	3.0
81 05 12 1315		.3	1	40575	6	130000	260000	19000	1500	16	12.0	10.2	8.0
81 06 09 1310		.3	1	40595	6	460000	1400000	69000	7600	250	19.4	8.0	8.2
81 07 13 1252		.3	1	40615	6	3400000	118E+05	52000	14200	680	25.5	6.1	6.0
81 08 12 1240		.3	1	40635	6 9	430000	700000	76000	1300	276	22.5	3.1	9.2
81 10 14 1055		.3	1	40674	6	8200000C	460E+05	490000	21000	470	15.0	0.7	27.6
81 11 09 1357		.3	1	40694	6	270000	320000	29000	700I	44	5.2	4.8	5.2
81 11 30 1400		.3	1	40714	6	146000C	470000	8600	2600	148	4.2	7.6	5.2
MAXIMUM						**8200000**	**460E+05**	**490000**	**21000**	**680**	**25.5**	**11.8**	**27.6**
ARITH MEAN						**2328600**	**100E+05**	**99327**	**6420**	**270**	**12.2**	**6.9**	**9.1**
GEOM MEAN						**928560**	**2466369**	**57015**	**3937**	**172**	**8.3**	**5.7**	**7.6**
MINIMUM						**130000**	**260000**	**8600**	**700**	**16**	**0.5**	**0.7**	**3.0**
STD DEV (GEOM *)						**5***	**7***	**3***	**3***	**3***	**8.4**	**3.4**	**6.7**
# SAMPLES (IN STATISTICS)						**10**	**10**	**11**	**10**	**9**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1345		.3	1	2.680	1.850	10.300	12.400	0.045	0.230	10.575	2.100	12.675	698.6
81 02 09 1350		.3	1	2.380	1.400	10.000	12.000	0.048	0.350	10.398	2.000	12.398	1110.4
81 03 09 1145		.3	1	1.040	0.750	4.600	5.500	0.075	1.020	5.695	0.900	6.595	726.2
81 04 13 1255		.3	1	0.625	0.365	1.920	4.000	0.075	1.380	3.375	2.080	5.455	688.8
81 05 12 1315		.3	1	1.870	1.670	1.500	2.700	0.085	1.100	2.685	1.200	3.885	573.8
81 06 09 1310		.3	1	0.900	0.770	2.350	3.100	0.146	0.390	2.886	0.750	3.636	388.0
81 07 13 1252		.3	1	0.525	0.240	1.300	2.800	0.073	0.970	2.343	1.500	3.843	320.5
81 08 12 1240		.3	1	1.300	1.080	2.520	3.750	0.061	0.010<	2.591	1.230	3.821	357.0
81 10 14 1055		.3	1	2.250	1.760	3.250	5.500	0.074	0.110	3.434	2.250	5.684	521.6
81 11 09 1357		.3	1	1.250	1.090	4.600	5.500	0.090	0.540	5.230	0.900	6.130	606.2
81 11 30 1400		.3	1	1.180	0.950	4.700	5.400	0.072	0.800	5.572	0.700	6.272	593.2
MAXIMUM				**2.680**	**1.850**	**10.300**	**12.400**	**0.146**	**1.380**	**10.575**	**2.250**	**12.675**	**1110.4**
ARITH MEAN				**1.455**	**1.084**	**4.276**	**5.695**	**0.077**	**0.689**	**5.219**	**1.438**	**6.657**	**598.6**
GEOM MEAN				**1.285**	**0.926**	**3.416**	**4.983**	**0.073**	**0.543**	**4.554**	**1.311**	**6.062**	**564.5**
MINIMUM				**0.525**	**0.240**	**1.300**	**2.700**	**0.045**	**0.110**	**2.343**	**0.700**	**3.636**	**320.5**
STD DEV (GEOM *)				**0.730**	**0.543**	**3.153**	**3.401**	**0.027**	**0.424**	**3.029**	**0.622**	**3.278**	**219.8**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**10**	**10**	**10**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*COLAP*
81 01 13 1345	3	1		11.4	687.2	970.0	4.50	140.000	212.0	7.15	11.500	0.580	
81 02 09 1350	3	1		12.0	1098.4	2000.0	6.00	450.000	244.0	7.51	7.500	0.720	
81 03 09 1145	3	1		8.5	717.7	1120.0	4.30	140.000	256.0	7.64	2.000	0.310	
81 04 13 1255	3	1		3.2	685.6	1040.0	2.20	145.000	217.0	7.85	1.000	0.500	27.000
81 05 12 1315	3	1		12.1	561.7	883.0	3.00	95.000	203.0	7.74	1.500	0.15	
81 06 09 1310	3	1		18.9	369.1	625.0	8.50	72.000		7.33	2.500	0.53	
81 07 13 1252	3	1		87.9	234.000	360.0	60.00	41.000	77.6	7.49	1.500	4.8	
81 08 12 1240	3	1		6.1	350.9	610.0	6.60	49.000	203.0	7.36			
81 10 14 1055	3	1		20.5	501.1	825.0	10.00	66.000	204.0	7.35	1.000<	0.860	
81 11 09 1357	3	1		5.0	601.2	970.0	3.20	72.500	303.0	8.01	1.000<	0.410	
81 11 30 1400	3	1		6.8	586.4	955.0	5.20	75.500	287.0	7.73	1.000<	0.420	
MAXIMUM				**87.9**	**1098.4**	**2000.0**	**60.00**	**450.000**	**303.0**	**8.01**	**11.500**	**4.8**	**27.000**
ARITH MEAN				**17.5**	**581.2**	**941.6**	**10.32**	**122.364**	**220.7**	**7.56**	**3.929**	**0.9**	**27.000**
GEOM MEAN				**11.1**	**539.0**	**867.5**	**6.09**	**95.954**	**209.5**	**7.56**	**2.671**	**0.5**	
MINIMUM				**3.2**	**234.000**	**360.0**	**2.20**	**41.000**	**77.6**	**7.15**	**1.000**	**0.15**	**27.000**
STD DEV (GEOM *)				**24.0**	**231.0**	**415.8**	**16.64**	**114.729**	**61.9**	**0.26**	**4.004**	**1.3**	
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**7**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHEM. OX DEMAND MG/L AS O	SOLVENT EXTRACT. MG/L	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*COD*	*SOLEXT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*
81 01 13 1345	3	1		80		0.100<	0.016	0.008		0.070	0.360
81 02 09 1350	3	1		146		0.029	0.023	0.011		0.085	0.081
81 03 09 1145	3	1		60		0.100<	0.017	0.010		0.050	0.044
81 04 13 1255	3	1		70		0.100<	0.011	0.005<		0.030	0.025<
81 05 12 1315	3	1		66		0.009	0.005	0.02		0.22	0.09
81 06 09 1310	3	1		53		0.011	0.02	0.009		0.22	0.039
81 07 13 1252	3	1		39		0.030	0.012	0.035		0.11	0.048
81 08 12 1240	3	1		66		0.100<	0.013	0.008		0.120	0.118
81 10 14 1055	3	1		83	1	0.022	0.020	0.019		0.140	0.160
81 11 09 1357	3	1		43	1	0.012	0.013	0.017		0.053	0.021
81 11 30 1400	3	1		23	1	0.009	0.011	0.008	0.0001<	0.081	0.017
MAXIMUM				**146**	**1**	**0.030**	**0.023**	**0.035**		**0.22**	**0.360**
ARITH MEAN				**66**	**1**	**0.017**	**0.01**	**0.01**		**0.10**	**0.09**
GEOM MEAN				**60**	**1**	**0.015**	**0.01**	**0.01**		**0.09**	**0.06**
MINIMUM				**23**	**1**	**0.009**	**0.005**	**0.008**		**0.030**	**0.017**
STD DEV (GEOM *)				**32**	**0**	**0.009**	**0.00**	**0.00**		**0.06**	**0.10**
# SAMPLES (IN STATISTICS)				**11**	**3**	**7**	**11**	**10**		**11**	**10**

B.O.W./ SITE: **CANARD RIVER**
SAMPLE POINT: **HWY.18 2 MILES SOUTH OF RIVER CANARD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CANARD RIVER**

STATION ID: **10-0002-001-02**
STORET CODE: **02 003 2700**

LAT: LONG: U.T.M: **17 0326710.0 4670400.0 4** REGION: **01** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 02 09 1234	3	1		40519	4	120	420	150	10<	4<	1.5	5.3	0.3
81 03 09 1107	3	1		40533	6	400C	3500	10<	10I	4<	3.0	13.0	1.4
81 04 13 1201	3	1		40553	6	5100	14600	232	360	4<	11.0	10.8	3.4
81 05 12 1230	3	1		40573	6	370	1600	20I	50I	4<	11.2	11.5	2.2
81 06 09 1220	3	1		40593	6	2000I	11000	240	60I		21.0	5.8	3.6
81 07 13 1205	3	1		40613	6 9	2200	21600	70I	220	4<	25.0	6.0	3.8
81 08 12 1203	3	1		40633	6	1500	17000	20I	88	4<	22.0	5.8	2.8
81 09 09 1420	3	1		40653	6	17000	60000	370	180	10<	20.0	8.0	2.0
81 10 13 1335	3	1		40672	6	3300C	45000	110	120	4	13.8	8.8	2.0
81 11 09 1309	3	1		40692	6	2500	8800	50I	110	4<	6.2	11.1	1.8
81 11 30 1305	3	1		40712	6	600I	5900	20I	10I	4<	2.5	10.8	1.3
MAXIMUM						**17000**	**60000**	**370**	**360**	**4**	**25.0**	**13.0**	**3.8**
ARITH MEAN						**3190**	**17220**	**128**	**121**	**4**	**12.5**	**8.8**	**2.2**
GEOM MEAN						**1428**	**8617**	**79**	**74**		**8.9**	**8.4**	**1.9**
MINIMUM						**120**	**420**	**20**	**10**	**4**	**1.5**	**5.3**	**0.3**
STD DEV (GEOM *)						**4***	**4***	**3***	**3***		**8.6**	**2.8**	**1.1**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**10**	**1**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 02 09 1234	3	1		0.051	0.021	0.860	1.420	0.017	0.720	1.597	0.560	2.157	463.4
81 03 09 1107	3	1		0.102	0.049	0.140	1.010	0.047	6.600	6.787	0.870	7.657	492.5
81 04 13 1201	3	1		0.195	0.007	0.045	2.200	0.040	8.410	8.495	2.155	10.650	679.4
81 05 12 1230	3	1		0.148	0.012	0.125	1.600	0.107	5.600	5.832	1.475	7.307	612.2
81 06 09 1220	3	1		0.380	0.070	0.585	2.350	0.290	4.400	5.275	1.765	7.040	600.5
81 07 13 1205	3	1		0.230	0.020	0.095	1.660	0.106	1.650	1.851	1.565	3.416	474.1
81 08 12 1203	3	1		0.168	0.033	0.015	3.450	0.030	0.550	0.595	3.435	4.030	319.2
81 09 09 1420	3	1		0.230	0.105	0.085	1.440	0.066	2.030	2.181	1.355	3.536	359.9
81 10 13 1335	3	1		0.184	0.064	0.095	1.100	0.035	1.270	1.400	1.005	2.405	366.4
81 11 09 1309	3	1		0.168	0.048	0.075	1.040	0.026	1.370	1.471	0.965	2.436	448.6
81 11 30 1305	3	1		0.066	0.016	0.015	0.500	0.008	0.910	0.933	0.485	1.418	310.0
MAXIMUM				**0.380**	**0.105**	**0.860**	**3.450**	**0.290**	**8.410**	**8.495**	**3.435**	**10.650**	**679.4**
ARITH MEAN				**0.175**	**0.040**	**0.194**	**1.615**	**0.070**	**3.046**	**3.311**	**1.421**	**4.732**	**466.0**
GEOM MEAN				**0.152**	**0.030**	**0.094**	**1.442**	**0.045**	**2.062**	**2.367**	**1.226**	**3.951**	**451.3**
MINIMUM				**0.051**	**0.007**	**0.015**	**0.500**	**0.008**	**0.550**	**0.595**	**0.485**	**1.418**	**310.0**
STD DEV (GEOM *)				**0.091**	**0.030**	**0.271**	**0.808**	**0.080**	**2.737**	**2.749**	**0.839**	**2.958**	**123.8**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

(CONTD)

B.O.W./SITE: **CANARD RIVER**
SAMPLE POINT: **HWY.18 2 MILES SOUTH OF RIVER CANARD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CANARD RIVER**

STATION ID: **10-0002-001-02**
STORET CODE: **02 003 2700**

LAT: LONG: U.T.M.: **17 0326710.0 4670400.0 4** REGION: **01** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CRUT CHROMIUM UNF.TOT. MG/L AS CR
81 02 09 1234	.3	1		5.9	457.5	730.0	4.50	66.000	150.0	7.64	1.000<		
81 03 09 1107	.3	1		25.5	467.0	670.0	19.00	52.000	141.0	8.05	1.000<	0.520	
81 04 13 1201	.3	1		79.4	600.0	830.0	58.00	62.500		7.97	1.000<	2.900	
81 05 12 1230	.3	1		58.5	553.7	722.0	65.00	55.000	157.0	8.02	1.000<	0.58	
81 06 09 1220	.3	1		180.4	420.1	505.0	240.00	31.000		7.77	1.000<	4.0	
81 07 13 1205	.3	1		86.1	388.0	535.0	75.00	38.000	138.0	7.91	1.000<	3.9	
81 08 12 1203	.3	1		51.9	242.500	373.0	70.00	22.000		8.21			
81 09 09 1420	.3	1		36.7	323.2	423.0	85.00	23.000	118.0	7.88	1.000<	4.300	
81 10 13 1335	.3	1		50.6	315.8	401.0	100.00	20.500		7.97	1.000<		0.007
81 11 09 1309	.3	1		54.4	394.2	505.0	68.00	29.500	140.0	8.11	1.000<	4.250	0.007
81 11 30 1305	.3	1		14.7	295.3	467.0	22.00	47.000	114.0	8.14	1.000<	1.230	0.003
MAXIMUM				**180.4**	**600.0**	**830.0**	**240.00**	**66.000**	**157.0**	**8.21**		**4.300**	**0.007**
ARITH MEAN				**58.6**	**405.2**	**560.1**	**73.32**	**40.591**	**136.9**	**7.97**		**2.7**	**0.006**
GEOM MEAN				**42.6**	**391.7**	**541.8**	**50.26**	**37.394**	**136.1**	**7.97**		**2.0**	**0.005**
MINIMUM				**5.9**	**242.500**	**373.0**	**4.50**	**20.500**	**114.0**	**7.64**		**0.520**	**0.003**
STD DEV (GEOM *)				**47.4**	**109.7**	**153.1**	**62.69**	**16.688**	**15.7**	**0.17**		**1.6**	**0.002**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**7**	**11**		**8**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 09 1107	.3	1		0.014	0.010			
81 04 13 1201	.3	1		0.014	0.005<			
81 05 12 1230	.3	1		0.006	0.007			
81 06 09 1220	.3	1		0.017	0.011			
81 07 13 1205	.3	1		0.10	0.007			
81 08 12 1203	.3	1		0.410	0.010<			
81 09 09 1420	.3	1		0.030	0.030			
81 10 13 1335	.3	1		0.007	0.003<	0.0001	0.020	0.006
81 11 09 1309	.3	1		0.010	0.003<	0.0002	0.020	0.006
81 11 30 1305	.3	1		0.006	0.003<	0.0001<	0.014	0.005
MAXIMUM				**0.410**	**0.030**	**0.0002**	**0.020**	**0.006**
ARITH MEAN				**0.06**	**0.013**	**0.0001**	**0.018**	**0.006**
GEOM MEAN				**0.02**	**0.011**	**0.0001**	**0.018**	**0.006**
MINIMUM				**0.006**	**0.007**	**0.0001**	**0.014**	**0.005**
STD DEV (GEOM *)				**0.12**	**0.010**	**0.0001**	**0.003**	**0.001**
# SAMPLES (IN STATISTICS)				**10**	**5**	**2**	**3**	**3**

B.O.W./SITE: **CANARD RIVER**
SAMPLE POINT: **2 MILES SOUTH OF LUKERVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GH002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CANARD RIVER**

STATION ID: **10-0002-002-02**
STORET CODE: **02 003 2700**

LAT: LONG: U.T.M.: **17 0333250.0 4669200.0 4** REGION: **01** DISTANCE: **12.070**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3/S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 03 09 1123	.3	1		40534	6	0.540	1100	1940	10<	10<	4<	3.0	9.8
81 04 13 1231	.3	1		40554	3	1.390	19200>	56000	600>	600>	12	10.0	8.3
81 05 12 1253	.3	1		40574	6 3	4.630	37000	70000	1500>	820	4	11.0	8.3
81 06 09 1240	.3	1		40594	6	1.360	4000I	50000	1200	320	4<	20.5	6.5
81 07 13 1224	.3	1		40614	6 3 9	0.203	94000C	620000	5100	1500>	220	25.0	7.2
81 08 12 1220	.3	1		40634	6 9	0.042	1300	18000	150	330	4<	22.1	6.1
81 09 09 1435	.3	1		40654	6	0.116	230000>	160000	1500>	380	10I	19.5	6.8
81 10 13 1432	.3	1		40673	6	0.153	10800C	23000	250	100	4<	15.0	6.7
81 11 09 1326	.3	1		40693	6	0.256	130000	150000	400I	80I	8	3.5	9.6
81 11 30 1325	.3	1		40713	6	0.157	1000<	21000	100<	1500>	4<	4.0	3.7
MAXIMUM						**4.630**	**130000**	**620000**	**5100**	**820**	**220**	**25.0**	**9.8**
ARITH MEAN						**0.885**	**39743**	**116994**	**1420**	**338**	**51**	**13.4**	**7.3**
GEOM MEAN						**0.351**	**11580**	**46686**	**620**	**253**	**15**	**10.4**	**7.1**
MINIMUM						**0.042**	**1100**	**1940**	**150**	**80**	**4**	**3.0**	**3.7**
STD DEV (GEOM *)						**1.408**	**7***	**5***	**4***	**2***	**5***	**8.2**	**1.8**
# SAMPLES (IN STATISTICS)						**10**	**7**	**10**	**5**	**6**	**5**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 03 09 1123	.3	1		0.4	0.115	0.084	0.170	1.050	0.033	5.500	5.703	0.880	6.583
81 04 13 1231	.3	1		2.8	0.310	0.117	0.230	2.350	0.090	8.360	8.680	2.120	10.800
81 05 12 1253	.3	1		2.4	0.318	0.088	0.140	2.020	0.056	4.600	4.796	1.880	6.676
81 06 09 1240	.3	1		4.0	0.345	0.144	0.145	1.750	0.310	3.900	4.355	1.605	5.960
81 07 13 1224	.3	1		2.8	0.540	0.066	0.095	1.800	0.045	1.340	1.480	1.705	3.185
81 08 12 1220	.3	1		1.9	0.076	0.011	0.015	0.760	0.007	0.050	0.072	0.745	0.817
81 09 09 1435	.3	1		2.0	0.312	0.172	0.085	1.620	0.052	1.530	1.667	1.535	3.202
81 10 13 1432	.3	1		2.4	0.248	0.120	0.070	1.120	0.027	0.530	0.627	1.050	1.677
81 11 09 1326	.3	1		2.0	0.208	0.138	0.090	0.980	0.023	0.740	0.853	0.890	1.743
81 11 30 1325	.3	1		1.9	0.143	0.072	0.125	0.980	0.023	1.700	1.848	0.855	2.703
MAXIMUM				**4.0**	**0.540**	**0.172**	**0.230**	**2.350**	**0.310**	**8.360**	**8.680**	**2.120**	**10.800**
ARITH MEAN				**2.3**	**0.261**	**0.101**	**0.116**	**1.443**	**0.067**	**2.825**	**3.008**	**1.326**	**4.335**
GEOM MEAN				**2.0**	**0.227**	**0.084**	**0.097**	**1.355**	**0.041**	**1.497**	**1.682**	**1.243**	**3.365**
MINIMUM				**0.4**	**0.076**	**0.011**	**0.015**	**0.760**	**0.007**	**0.050**	**0.072**	**0.745**	**0.817**
STD DEV (GEOM *)				**0.9**	**0.136**	**0.047**	**0.059**	**0.534**	**0.089**	**2.678**	**2.766**	**0.497**	**3.098**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O
81 03 09 1123		.3	1	491.1	10.7	480.4	670.0	8.70	38.000	7.86		
81 04 13 1231		.3	1	552.4	71.7	480.7	560.0	115.00	36.500	7.68		
81 05 12 1253		.3	1	668.0	124.7	543.3	715.0	95.00	50.000	7.95		
81 06 09 1240		.3	1	698.3	124.3	574.0	805.0	140.00	49.500	7.75		
81 07 13 1224		.3	1	1376.0	846.0	530.0	670.0	530.00	55.500	7.69	80.000	67
81 08 12 1220		.3	1	1929.8	21.6	1908.2	2030.0	25.00	190.000	8.00		
81 09 09 1435		.3	1	465.4	96.8	368.6	469.0	130.00	26.000	7.77		
81 10 13 1432		.3	1	752.8	68.9	683.9	900.0	75.00	56.000	7.88		
81 11 09 1326		.3	1	504.0	18.9	485.1	695.0	20.00	32.000	8.01		
81 11 30 1325		.3	1	509.1	18.0	491.1	715.0	24.00	40.500	7.98		
MAXIMUM				**1929.8**	**846.0**	**1908.2**	**2030.0**	**530.00**	**190.000**	**8.01**	**80.000**	**67**
ARITH MEAN				**794.7**	**140.2**	**654.5**	**822.9**	**116.27**	**57.400**	**7.86**	**80.000**	**67**
GEOM MEAN				**704.7**	**58.8**	**580.9**	**756.8**	**61.89**	**48.244**	**7.86**		
MINIMUM				**465.4**	**10.7**	**368.6**	**469.0**	**8.70**	**26.000**	**7.68**	**80.000**	**67**
STD DEV (GEOM *)				**480.6**	**251.8**	**447.8**	**440.2**	**153.39**	**47.651**	**0.13**		
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**1**	**1**

B.O.W./ SITE: **CHIPPAWA CANAL**
SAMPLE POINT: **WHIRLPOOL ROAD, NIAGARA FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-001-02**
STORET CODE: **02 004 5400**

LAT: LONG: U T M: **17 0656075.0 4776300.0 4** REGION: **02** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 22 1035		.3	1	38335	6	14700C	23000	1740	840		1.5	9.1	0.8
81 02 02 1220		.3	1	38367	6	7700	8000	2380	820		1.0	8.2	0.6
81 03 09 1205		.3	1	38407	5	14000	40000	1880	840	120	3.0	12.50	0.6
81 04 23 1240		.3	1	38483	6	3000	6400	560	960	20A	4.00	11.40	0.6
81 05 13 1130		.3	1	38524	6	30000	89000	1600	920	30A	9.0	11.80	0.2<T
81 06 11 1240		.3	1	38568	6	37000	33000	2800	880		17.5	6.80	0.4
81 07 28 1235		.3	1	38607	6	5800	10800	1080	920	10A	19.0	7.60	0.8
81 08 25 1320		.3	1	38679	8 9	1020000	1800000	4700	1800	940	21.5	6.80	3.8
81 09 24 1435		.3	1	38711	8	13000	120000	320	790	48	16.8	7.60	0.6
81 10 08 1350		.3	1	38758	8	4500	18000	670	60A	4	11.0	9.30	1.2
81 11 30 1150		.3	1	38841	8	900A	15000	260	320	36	5.5	11.20	0.4
81 12 17 1155		.3	1	38887	8	6300	4800	1120	260	10<	2.5	12.10	2.0
MAXIMUM						**1020000**	**1800000**	**4700**	**1800**	**940**	**21.5**	**12.50**	**3.8**
ARITH MEAN						**96408**	**180667**	**1592**	**784**	**151**	**9.3**	**9.5**	**1.0<A**
GEOM MEAN						**12151**	**29407**	**1164**	**615**	**38**	**6.1**	**9.3**	**0.7<A**
MINIMUM						**900**	**4800**	**260**	**60**	**4**	**1.0**	**6.80**	**0.2**
STD DEV (GEOM *)						**6***	**5***	**2***	**2***	**5***	**7.5**	**2.1**	**1.0<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**12**	**8**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 22 1035		.3	1	0.031	0.014	0.114	0.370	0.004	0.256		0.374	0.256	0.630
81 02 02 1220		.3	1	0.041	0.018	0.226	0.620	0.004	0.426		0.656	0.394	1.050
81 03 09 1205		.3	1	0.043	0.002	0.232	0.49	0.003	0.355	0.360	0.590	0.258	0.848
81 04 23 1240		.3	1	0.036	0.009	0.500	1.08	0.006	0.705	0.710	1.211	0.580	1.791
81 05 13 1130		.3	1	0.062	0.006	0.246	0.83	0.008	0.485	0.495	0.739	0.584	1.323
81 06 11 1240		.3	1	0.160	0.135	0.208	0.56	0.046	0.235	0.280	0.489	0.352	0.841
81 07 28 1235		.3	1	0.038	0.023	0.280	0.65	0.075	0.235	0.310	0.590	0.370	0.960
81 08 25 1320		.3	1	0.058	0.020	0.006	0.49	0.001	0.875	0.875	0.882	0.484	1.366
81 09 24 1435		.3	1	0.038	0.011	0.010	0.55	0.001	0.359	0.360	0.370	0.540	0.910
81 10 08 1350		.3	1	0.052	0.008	0.004	0.55	0.009	0.335	0.345	0.348	0.546	0.894
81 11 30 1150		.3	1	0.048	0.011	0.006	0.45	0.066	0.305	0.370	0.377	0.444	0.821
81 12 17 1155		.3	1	0.032	0.013	0.006	0.34	0.001	0.499	0.500	0.506	0.334	0.840
MAXIMUM				**0.160**	**0.135**	**0.500**	**1.08**	**0.075**	**0.875**	**0.875**	**1.211**	**0.584**	**1.791**
ARITH MEAN				**0.053**	**0.022**	**0.153**	**0.58**	**0.019**	**0.422**	**0.460**	**0.594**	**0.428**	**1.023**
GEOM MEAN				**0.047**	**0.013**	**0.052**	**0.55**	**0.006**	**0.388**	**0.431**	**0.553**	**0.413**	**0.984**
MINIMUM				**0.031**	**0.002**	**0.004**	**0.34**	**0.001**	**0.235**	**0.280**	**0.348**	**0.256**	**0.630**
STD DEV (GEOM *)				**0.035**	**0.036**	**0.156**	**0.20**	**0.027**	**0.196**	**0.193**	**0.255**	**0.119**	**0.320**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 22 1035		.3	1	206.00	4.00	202	310.0	2.20	20.500	24.000		8.01	7.8
81 02 02 1220		.3	1	220.00	5.00	215.000	330.0	3.20	24.000	27.000		8.04	7.7
81 03 09 1205		.3	1		3	198	305	3.50	20.00	26.5	96	8.08	7.95
81 04 23 1240		.3	1		3	182	280	2.00	18.00	24.5	84	7.69	7.90
81 05 13 1130		.3	1		23	162	295	9.30	18.50	21.5	91	8.28	8.25
81 06 11 1240		.3	1		7	182	280	4.00	19.00	26.0	95	8.36	7.80
81 07 28 1235		.3	1		10.0	189	290	2.20	18.50	22.0	95	8.26	
81 08 25 1320		.3	1		7.4	195	300	0.32	19.50	24.5	94	7.84	
81 09 24 1435		.3	1		8.9	198	305	2.10	19.50	29.5	97	8.32	7.50
81 10 08 1350		.3	1			150	290	4.90	19.00	28.0	97	8.24	8.40
81 11 30 1150		.3	1		24.4	195	300	17.40	20.50	27.0	101	8.23	8.20
81 12 17 1155		.3	1		7.0	198	305	4.20	19.50	30.0	98	8.31	7.90
MAXIMUM				**220.00**	**24.4**	**215.000**	**330.0**	**17.40**	**24.000**	**30.0**	**101**	**8.36**	**8.40**
ARITH MEAN				**213.00**	**9**	**188**	**299**	**4.61**	**19.70**	**25.8**	**95**	**8.14**	**7.9**
GEOM MEAN				**212.88**	**7**	**188**	**298**	**3.15**	**19.65**	**25.7**	**95**	**8.14**	**7.9**
MINIMUM				**206.00**	**3**	**150**	**280**	**0.32**	**18.00**	**21.5**	**84**	**7.69**	**7.50**
STD DEV (GEOM *)				**9.90**	**7**	**17**	**13**	**4.60**	**1.55**	**2.6**	**5**	**0.21**	**0.2**
# SAMPLES (IN STATISTICS)				**2**	**11**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**

(CONTD)

B.O.W./ SITE: **CHIPPAWA CANAL**
SAMPLE POINT: **WHIRLPOOL ROAD, NIAGARA FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-001-02**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0656075.0 4776300.0 4** REGION: **02** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 22 1035		.3	1	1.000<	0.140				5.000			10<	
81 02 02 1220		.3	1	1.000<	0.170				5.000			14	
81 03 09 1205		.3	1	1 <T	0.18	122	35.0	8.50	3.5	1.50	9.8		0.001<
81 04 23 1240		.3	1	1 <T	0.21	98	27.0	7.50	0.9	1.30	9.0		0.001<
81 05 13 1130		.3	1	1 <T	0.90	108	30.0	8.00	13.7	1.60	9.5		0.001<
81 06 11 1240		.3	1	1 <T	0.34	110	31.0	8.00	6.8	1.40	9.8		0.001<
81 07 28 1235		.3	1	1 <T	0.28	103	29.0	7.50	4.4	1.35	9.8		0.001<
81 08 25 1320		.3	1	1 <T	0.34	115	32.4	8.20	0.4	1.40	10.3		0.001<
81 09 24 1435		.3	1	1 <T	0.30	116	32.0	8.80	6.7	1.55	10.1		0.001<
81 10 08 1350		.3	1	1 <T	0.90	108	30.0	8.00	3.1	1.35	9.3		0.001<
81 11 30 1150		.3	1	1 <T	0.79	118	34.0	8.00	9.9	1.35	9.8		0.001<
81 12 17 1155		.3	1	1 <T	0.37	128	38.0	8.00	-1.9 <T	1.15	9.9		0.001<
MAXIMUM				**1**	**0.90**	**128**	**38.0**	**8.80**	**13.7**	**1.60**	**10.3**	**14**	
ARITH MEAN				**1 <A**	**0.41**	**113**	**31.8**	**8.05**	**5.4 <A**	**1.39**	**9.7**	**14**	
GEOM MEAN				**1 <A**	**0.33**	**112**	**31.7**	**8.04**	**3.8 <A**	**1.39**	**9.7**		
MINIMUM				**1**	**0.140**	**98**	**27.0**	**7.50**	**0.4**	**1.15**	**9.0**	**14**	
STD DEV (GEOM *)				**0 <A**	**0.28**	**9**	**3.2**	**0.40**	**3.8 <A**	**0.13**	**0.4**		
# SAMPLES (IN STATISTICS)				**10**	**12**	**10**	**10**	**10**	**11**	**10**	**10**	**1**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 22 1035		.3	1								0.006		
81 02 02 1220		.3	1								0.011		
81 03 09 1205		.3	1	0.04<	0.100	0.002 <	0.001<	0.003<		0.003	0.008	0.002	0.010<
81 04 23 1240		.3	1	0.05<	0.077	0.002 <	0.004	0.003<		0.003	0.008	0.003 <	0.010<
81 05 13 1130		.3	1	0.05<	0.150	0.002 <	0.001	0.003<		0.004	0.030	0.005	0.010<
81 06 11 1240		.3	1								0.012		0.010<
81 07 28 1235		.3	1	0.04<	0.180	0.0020	0.003	0.009		0.004	0.012	0.0030	
81 08 25 1320		.3	1	0.03<	0.230	0.0030	0.004	0.005		0.004	0.012	0.0040	0.010<
81 09 24 1435		.3	1	0.04<	0.220	0.0040	0.005	0.003<		0.003	0.012	0.0030	0.010<
81 10 08 1350		.3	1	0.06<	0.680	0.0040	0.006	0.003<		0.007	0.030	0.0060	0.010<
81 11 30 1150		.3	1	0.05<	0.500	0.0030	0.004	0.003<		0.007	0.024	0.0050	0.005<T
81 12 17 1155		.3	1	0.02<	0.270	0.003	0.004	0.003<	0.0003	0.003	0.012	0.004	0.005<T
MAXIMUM					**0.680**	**0.0040**	**0.006**	**0.009**	**0.0003**	**0.007**	**0.030**	**0.0060**	**0.005**
ARITH MEAN					**0.267**	**0.003**	**0.004**	**0.007**	**0.0003**	**0.004**	**0.015**	**0.004**	**0.005<A**
GEOM MEAN					**0.215**	**0.003**	**0.004**	**0.007**		**0.004**	**0.013**	**0.003**	**0.005<A**
MINIMUM					**0.077**	**0.0020**	**0.001**	**0.005**	**0.0003**	**0.003**	**0.006**	**0.002**	**0.005**
STD DEV (GEOM *)					**0.198**	**0.000**	**0.001**	**0.003**		**0.002**	**0.008**	**0.001**	**0.000<A**
# SAMPLES (IN STATISTICS)					**9**	**6**	**8**	**2**	**1**	**9**	**12**	**8**	**2**

B.O.W./ SITE: **WELLAND RIVER**
SAMPLE POINT: **AT MONTROSE BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-003-83**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0652850.0 4767500.0 4** REGION: **02** DISTANCE: **14.162**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 13 1145		.3	1	38301	4	20.657	210	730	1.5	11.2	0.8	0.075	0.048
81 01 26 1245		.3	1	52003		20.804						0.075	0.056
81 01 29 1115		.3	1	52004		21.097						0.055	
81 02 02 1045		.3	1	52006		23.684						0.444	0.360
1150		.3	1	38344	6	23.684			2.0	7.5		0.450	
81 02 05 1315		.3	1	52007		25.295						0.175	
81 02 09 1200		.3	1	52009		22.385						0.081	0.033
81 02 12 1400		.3	1	52010		127.006						0.360	
81 02 15 1445		.3	1	52012		50.951						0.252	0.110
81 02 17 1500		.3	1	52014		112.000						0.575	
81 02 19 1050		.3	1	38386	3 9	135.790	380	1220	3.0	9.10		0.587	0.260
1145		.3	1	52016		135.790						0.645	0.210
81 02 22 1500		.3	1	52018		105.778						0.370	
81 02 24 1010		.3	1	38391	3 9	64.420			2.0	7.80		0.274	
1645		.3	1	52020		64.420						0.332	0.180
81 02 26 1200		.3	1	52022		37.739						0.162	
81 03 01 1545		.3	1	52024		35.872						0.130	0.065
81 03 03 0855		.3	1	38396	3	27.308			4.0	11.00		0.200	
1245		.3	1	52026		27.308						0.268	
81 03 05 0730		.3	1	52028		23.571						0.110	0.055
81 03 08 1315		.3	1	52030		21.975						0.095	
81 03 09 1140		.3	1	38406	5	21.821			5.0	12.70		0.192	
81 03 10 1100		.3	1	52032		21.697						0.143	0.092
81 03 12 1145		.3	1	52034		22.034						0.185	
81 03 15 1515		.3	1	52036		22.414						0.365	0.230
81 03 16 1105		.3	1	38411	5	22.173	20A	80A	4.0	11.80		0.065	0.030
81 03 17 0745		.3	1	52038		21.938						0.056	
81 03 18 1545		.3	1	52040		21.550						0.077	0.039
81 03 22 1545		.3	1	52042		21.056						0.245	
81 03 24 1015		.3	1	52044		21.931						0.162	0.125
1040		.3	1	38416	5 9 0	21.931			6.0	11.8		0.250	
81 03 26 0730		.3	1	52048		22.659						0.116	
81 03 29 0730		.3	1	52055		27.088						0.205	0.090

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE	FWSTRC	FWFLOW	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
TEST-NAME:													
81 03 30 1120		3	1	38453	3	25 404			8 0	12 00		0 224	
81 03 31 0730		3	1	52060		25 661						0 275	
81 04 02 0745		3	1	52065		24 746						1 620	0 085
81 04 05 1800		3	1	52072		22 213						0 095	
81 04 07 1035		3	1	38458	3	21 507			9 5	12 30		0 097	
1630		3	1	52074		21 507						0 069	0 023
81 04 09 1400		3	1	52076		21 126						0 067	
81 04 12 1545		3	1	52078		20 881						0 065	
81 04 13 1155		3	1	38462	5	20 870			7 8	11 00		0 180	
81 04 14 1215		3	1	52080		21 679						0 190	0 096
81 04 16 1145		3	1	52082		24 343						0 058	
81 04 19 1515		3	1	52084		26 100						0 138	0 054
81 04 21 1100		3	1	38474	3	23 948			8 00	10 30		0 124	
1630		3	1	52086		23 948						0 140	
81 04 23 1130		3	1	52088		24 050						0 107	0 061
81 04 26 1115		3	1	52090		30 126						0 366	
81 04 28 1130		3	1	52092		25 331						0 093	0 037
1210		3	1	38485	6	25 331	40A	50A	7 5	10 10		0 117	0 051
81 04 30 1500		3	1	52094		31 260						0 153	
81 05 04 1415		3	1	52096		22 645						0 057	0 028
81 05 05 1115		3	1	52098	5 9	22 217						0 098	0 045
81 05 07 1445		3	1	52100	5 8	21 924						0 075	0 033
81 05 11 1415		3	1	52102	5	27 710						0 187	0 125
81 05 12 1530		3	1	52104	5 3	36 311						0 195	0 070
81 05 14 1515		3	1	52106	5	25 331						0 190	0 051
81 05 18 1215		3	1	52108	5	23 483						0 073	0 028
81 05 20 1430		3	1	52110	5	21 920						0 090	0 009
81 05 21 1020		3	1	38541	6	21 419	350	140	13 0	8 70		0 184	0 085
1300		3	1	52112	5 0	21 419						0 152	0 062
81 05 24 1615		3	1	52114	8	20 837						0 126	0 040
81 05 26 0645		3	1	52116	8	20 778						0 115	0 048
81 05 28 0745		3	1	52118	8	20 800						0 035	0 012
81 05 31 1615		3	1	52120	5	20 873						0 025	0 006
81 06 01 1145		3	1	52122	5 9	20 873						0 095	0 045
81 06 09 1500		3	1	52124	5	20 745						0 072	0 031
81 06 15 1630		3	1	52126	5	20 731						0 030	0 030
81 06 16 1120		3	1	38570	6	20 716	130	70A	24 0	8 10		0 080	
81 06 23 1015		3	1	52128	8	53 440						0 210	0 096
81 06 30 1115		3	1	52130	0 8	21 133						0 128	0 044
81 07 07 1415		3		52132	8	20 837						0 080	0 030
81 07 14 1100		3	1	52134	5	20 628						0 131	0 070
81 07 21 1215		3	1	52136		20 815						0 178	0 130
81 07 28 1135		3	1	38606	3	21 521	230	160	21 0	6 40		0 294	0 210
81 07 29 1345		3	1	52138	8	24 101						0 188	0 018
81 08 04 1515		3	1	52140	8	21 481						0 248	0 145
81 08 11 1115		3	1	52142	6 9 0	58 930						0 068	0 025
81 08 18 1145		3	1	52144	8	35 982						0 115	0 061
81 08 25 1115		3	1	52146	8	21 287						0 008	0 040
1400		3	1	38678	8	21 287	20A	10<	22 2	6 20		0 055	0 036
81 09 01 1145		3	1	52148	8	20 760						0 140	0 083
81 09 09 1415		3	1	52150	8	46 083						0 205	0 083
81 09 13 1430		3	1	52152	8	24 380						0 061	0 023
81 09 17 1215		3	1	52154	8	21 876						0 172	0 087
81 09 21 1215		3	1	52155	8	21 690						0 088	0 027
81 09 24 1145		3	1	52157	8	43 961						0 160	
1335		3	1	38710	8	43 961	160	150	15 5	6 60		0 210	0 089
81 09 28 1130		3	1	52158	8	23 812						0 188	0 065
81 10 01 1445		3	1	52160	8	23 417						0 280	0 180
81 10 05 1315		3	1	52161	8	25 075						0 165	0 110
81 10 08		3	1	52163	8	29 687						0 125	0 046
1250		3	1	38757	8	29 687			10 5	8 60		0 105	
81 10 13 0400		3	1	52164	8	23 644						0 104	0 045
81 10 15 1100		3	1	52166	8	23 329						0 147	0 080
81 10 19 1115		3	1	52167	8	23 611						0 192	0 093
81 10 20 1045		3	1	38785	8	24 672	10A	10A	8 8	9 80		0 185	0 125
81 10 22		3	1	52169	5	27 051						0 215	0 320
81 10 25 1045		3	1	52170	8	38 910						0 107	0 053
81 10 26 1100		3	1	52172	8	28 552						0 360	0 200
81 11 01 1130		3	1	52173	8	28 186						0 278	0 089
81 11 04 1300		3	1	52175	8	23 589						0 690	0 405
81 11 05 1035		3	1	38798	5	23 069			8 5	10 00		0 130	
81 11 09 0900		3	1	52176	8	24 489						0 098	0 029
81 11 12 1100		3	1	52178	8	22 981						0 090	0 001<W
81 11 16 1400		3	1	52179	8	22 996						0 165	0 080
81 11 18 1300		3	1	52181	8	24 563						0 112	0 050
81 11 24 2115		3	1	52182	8	30 894						0 248	0 120
81 11 25 1430		3	1	52184	9	26 832						0 262	0 115
81 11 30 1100		3	1	52185	8 9	25 148						0 198	0 093
1115		3	1	38840	8 9	25 148	1260	5100	3 5	11 10		0 222	0 125
81 12 03 1045		3	1	52187	8	29 321						0 110	0 032
81 12 07 1100		3	1	52188	8	24 636						0 130	0 051
81 12 10 1115		3	1	52190	8	24 270						0 132	0 066
81 12 14 1130		3	1	52191	9	31 187						0 075	0 025
81 12 17 1115		3	1	52193	8	28 918						0 123	
1120		3	1	38886	8	28 918			2 0	11 40		0 086	
81 12 20 1530		3	1	52194	8	29 284						0 088	0 021
81 12 23 1545		3	1	52196	8	36 897						0 352	
81 12 28 1330		3	1	52197	8	32 578						0 135	0 057
81 12 30 1125		3	1	38890	8	30 968	10800	1100	4 5	12 40		0 185	0 074
1530		4	1	52199	8	30 968						0 172	0 052
MAXIMUM						**135 790**	**10800**	**5100**	**24 0**	**12 70**	**0 8**	**1 620**	**0 405**
ARITH MEAN						**30 553**	**1134**	**801**	**8 4**	**9 9**	**0 8**	**0 186**	**0 083<A**
GEOM MEAN						**27 364**	**160**	**216**	**6 3**	**9 7**		**0 144**	**0 059<A**
MINIMUM						**20 628**	**10**	**10**	**1 5**	**6 20**	**0 8**	**0 008**	**0 001**
STD DEV (GEOM *)						**21 062**	**7***	**6***	**6 4**	**2 0**		**0 178**	**0 075<A**
# SAMPLES (IN STATISTICS)						**123**	**12**	**11**	**24**	**24**	**1**	**123**	**87**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR	NNTKUR	NNO2FR	NNQ3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
TEST-NAME:				NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
81 01 13 1145		3	1	2 300	4 850	0 031	1 020		3 351	2 550	5 901	7 00	237 000
81 01 26 1245		3	1				3 450					4 0	
81 01 29 1115		3	1									6 0	
81 02 02 1045		3	1				3 160					10 0	
1150		3	1									9 00	
81 02 05 1315		3	1				1 850					15 0	
81 02 09 1200		3	1				2 680					8 0	
81 02 12 1400		3	1									61 0	
81 02 15 1445		3	1				1 600					56 0	
81 02 17 1500		3	1									37 0	
81 02 19 1050		3	1	3 800	4 82	0 160	4 890	5 050	8 850	1 020	9 870	134	205

(CONTD)

B.O.W. / SITE: **WELLAND RIVER**
SAMPLE POINT: **AT MONTROSE BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-003-83**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0652850.0 4767500.0 4** REGION: **02** DISTANCE: **14.162**

SAMP DTE YR MO DY	HOUR LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L
	1145		.3	1				8.700					181.0	
81 02 22	1500		.3	1									127.0	
81 02 24	1010		.3	1									47	
	1645		.3	1				4.240					40.0	
81 02 26	1200		.3	1									19.0	
81 03 01	1545		.3	1				3.240					18.0	
81 03 03	0855		.3	1									11	
	1245		.3	1									10.0	
81 03 05	0730		.3	1				4.670					6.0	
81 03 08	1315		.3	1									6.0	
81 03 09	1140		.3	1									4	
81 03 10	1100		.3	1				2.130					5.0	
81 03 12	1145		.3	1									7.0	
81 03 15	1515		.3	1				4.560					41.0	
81 03 16	1105		.3	1	8.600	11.00	0.009	0.770	0.780	9.379	2.400	11.779	10	225
81 03 17	0745		.3	1									4.0	
81 03 18	1545		.3	1				6.880					7.0	
81 03 22	1545		.3	1									6.0	
81 03 24	1015		.3	1				1.320					17.0	
	1040		.3	1									6	
81 03 26	0730		.3	1									8.0	
81 03 29	0730		.3	1				2.430					14.0	
81 03 30	1120		.3	1									12	
81 03 31	0730		.3	1									20.0	
81 04 02	0745		.3	1				0.500					23.0	
81 04 05	1800		.3	1									19.0	
81 04 07	1035		.3	1									13	
	1630		.3	1				2.530					12.0	
81 04 09	1400		.3	1									11.0	
81 04 12	1545		.3	1									8.0	
81 04 13	1155		.3	1									6	
81 04 14	1215		.3	1				15.500					13.0	
81 04 16	1145		.3	1									12.0	
81 04 19	1515		.3	1				2.100					35.0	
81 04 21	1100		.3	1									17	
	1630		.3	1									22.0	
81 04 23	1130		.3	1				12.200					14.0	
81 04 26	1115		.3	1									26.0	
81 04 28	1130		.3	1				5.370					13.0	
	1210		.3	1	7.10	9.80	0.690	6.86	7.55	14.650	2.700	17.350	16	245
81 04 30	1500		.3	1									35.0	
81 05 04	1415		.3	1			0.058	1.240	1.300				8	
81 05 05	1115		.3	1			0.200	3.25	3.450				10	
81 05 07	1445		.3	1			2.00	7.75	9.75				8	
81 05 11	1415		.3	1			0.067	1.780	1.850				11	
81 05 12	1530		.3	1			1.42	2.43	3.850				37	
81 05 14	1515		.3	1			0.155	8.59	8.75				31	
81 05 18	1215		.3	1					1.850				17	
81 05 20	1430		.3	1					1.800				14	
81 05 21	1020		.3	1	0.142	3.79			1.950		3.648	5.740	16	231
	1300		.3	1			0.007	3.30	3.300				14	
81 05 24	1615		.3	1			0.010						24	
81 05 26	0645		.3	1			0.002						17	
81 05 28	0745		.3	1			0.065	0.535	0.600				10	
81 05 31	1615		.3	1			0.006	0.180	0.185				16	
81 06 01	1145		.3	1					4.150				7	
81 06 09	1500		.3	1					2.350				13	
81 06 15	1630		.3	1			0.050	6.95	7.00				18	
81 06 16	1120		.3	1									11	
81 06 23	1015		.3	1			0.007	4.990	5.000				22	
81 06 30	1115		.3	1			0.018	9.680	9.700				20	
81 07 07	1415		.3				1.85	36.2	38.0				20	
81 07 14	1100		.3	1			2.170	1.63	3.800				19	
81 07 21	1215		.3	1			0.740	3.610	4.350				19	
81 07 28	1135		.3	1	2.340	6.03	0.190	1.760	1.950	4.290	3.690	7.980	16.0	208
81 07 29	1345		.3	1					0.730				15.1	
81 08 04	1515		.3	1					5.75				14.5	
81 08 11	1115		.3	1			0.008	19.5	19.5				6.5	
81 08 18	1145		.3	1			1.40	2.150	3.550				12.7	
81 08 25	1115		.3	1			0.003	7.50	7.50				19.3	
	1400		.3	1	0.008	0.50	0.003	9.750	9.750	9.761	0.492	10.253	12.4	228
81 09 01	1145		.3	1			0.270	4.730	5.000				21.7	
81 09 09	1415		.3	1			0.086	2.010	2.100				38.3	
81 09 13	1430		.3	1			0.002	4.15	4.150				20.1	
81 09 17	1215		.3	1			0.002	9.000	9.000				25.1	
81 09 21	1215		.3	1			0.001	2.900	2.900				22.1	
81 09 24	1145		.3	1									34.0	
	1335		.3	1	0.032	5.05	0.005	6.50	6.50	6.537	5.018	11.555	25.6	257
81 09 28	1130		.3	1			0.018	7.730	7.750				20.2	
81 10 01	1445		.3	1					10.500				33.1	
81 10 05	1315		.3	1			0.005	3.900	3.900				20.0	
81 10 08			.3	1			0.005	2.600	2.600				19.0	
81 10 13	0400		.3	1			0.001	2.950	2.950				19.0	
81 10 15	1100		.3	1			0.200	17.000	17.250				18.0	
81 10 19	1115		.3	1					18.200				18.0	
81 10 20	1045		.3	1	3.140	14.30	9.300	4.20	13.500	16.640	11.160	27.800	15.0	231
81 10 22			.3	1			1.750	14.500	16.250				14.0	
81 10 25	1045		.3	1			0.001	1.150	1.150				16.0	
81 10 26	1100		.3	1			0.003	7.650	7.650				28.0	
81 11 01	1130		.3	1			0.028	1.220	1.250				92.3	
81 11 04	1300		.3	1			0.004	7.500	7.500				15.6	
81 11 05	1035		.3	1									13.4	
81 11 09	0900		.3	1			2.200	2.450	4.650				17.1	
81 11 12	1100		.3	1			1.900	1.950	3.850				11.8	
81 11 16	1400		.3	1			0.800	13.200	14.000				12.6	
81 11 18	1300		.3	1			0.325	3.870	4.200				8.7	
81 11 24	2115		.3	1			0.008	3.440	3.450				38.6	
81 11 25	1430		.3	1			0.034	1.720	1.750				36.1	
81 11 30	1100		.3	1			0.057	1.990	2.050				26.5	
	1115		.3	1	0.400	5.05	0.057	2.240	2.300	2.697	4.650	7.347	13.8	247
81 12 03	1045		.3	1			0.045	1.100	1.150				33.5	

(CONTD)

	TEST-NAME:	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
81 12 07 1100	3 1			0 030	1 620	1 650				14 0	
81 12 10 1115	3 1			0 083	2 370	2 450				27 6	
81 12 14 1130	3 1			0 029	1 320	1 350				10 5	
81 12 17 1115	3 1			0 002	1 750	1 750				12 3	
1120	3 1									9 0	
81 12 20 1530	3 1					3 700				10 9	
81 12 23 1545	3 1					41 0				19 3	
81 12 28 1330	3 1			0 875	8 620	9 50				16 1	
81 12 30 1125	3 1		7 50			3 450			10 950	12 5	264
1530	4 1			0 750	1 450	2 200				10 7	
MAXIMUM		8 600	14 30	9 300	36 2	41 0	16 640	11 160	27 800	181 0	264
ARITH MEAN		2 78	6 60	0 52	5 0	6 2	8 462	3 733	11 502	21	234
GEOM MEAN		0 75	5 22	0 04	3 3	3 9	7 170	2 795	10 340	16	233
MINIMUM		0 008	0 50	0 001	0 180	0 185	2 697	0 492	5 740	4 0	205
STD DEV (GEOM *)		3 01	3 82	1 33	5 4	7 3	4 852	2 977	6 314	23	18
# SAMPLES (IN STATISTICS)		10	11	58	76	67	9	10	11	122	11

	TEST-NAME:	COND25	CLIDUR	ALKT	PH	FWPH	ASUT	HGUT	ALUT	CRUT	CUUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	CONDUCT. 25C UMHO/CM AT 25 C	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
81 01 13 1145	3 1	365 0		110 0	8 24	8 3	0 001<	0 040<		0 008	0 002
81 01 26 1245	3 1							0 030<			0 004
81 01 29 1115	3 1	400 0						0 050<			
81 02 02 1045	3 1	425 0						0 060<			0 004
1150	3 1	415 0		107 0		7 6		0 060<		0 005	
81 02 05 1315	3 1	460 0						0 070<			0 004
81 02 09 1200	3 1	430 0						0 040<			0 003
81 02 12 1400	3 1	520 0						0 050			
81 02 15 1445	3 1	325 0						0 050			0 005
81 02 17 1500	3 1							0 060<			
81 02 19 1050	3 1	315		57	7 24	6 60	0 001<	0 07	4 400	0 081	0 021
1145	3 1							0 050			0 018
81 02 22 1500	3 1	265 0						0 050<			
81 02 24 1010	3 1					6 40		0 06 <		0 026	
1645	3 1	325 0						0 060<			0 003
81 02 26 1200	3 1	360 0						0 040<			
81 03 01 1545	3 1	385 0						0 050<			0 004
81 03 03 0855	3 1					6 95		0 05 <		0 018	
1245	3 1	405 0						0 050<			
81 03 05 0730	3 1	405 0						0 040<			0 002
81 03 08 1315	3 1	385 0						0 040<			
81 03 09 1140	3 1					7 90		0 04 <		0 006	
81 03 10 1100	3 1	370 0						0 040<			0 003
81 03 12 1145	3 1	440 0						0 040<			
81 03 15 1515	3 1	440 0						0 04 <			0 007
81 03 16 1105	3 1	410		103	8 11	8 00	0 001<	0 04 <	0 230	0 005	0 002
81 03 17 0745	3 1	345 0						0 040<			
81 03 18 1545	3 1	415 0						0 040<			0 003
81 03 22 1545	3 1	415 0						0 050<			
81 03 24 1015	3 1	375 0				8 30		0 030			0 004
1040	3 1							0 03		0 020	
81 03 26 0730	3 1	400 0						0 030<			
81 03 29 0730	3 1	430 0						0 040<			0 002
81 03 30 1120	3 1					7 85		0 04 <		0 020	
81 03 31 0730	3 1	425 0						0 040<			
81 04 02 0745	3 1	435 0						0 040<			0 004
81 04 05 1800	3 1	400 0						0 040<			
81 04 07 1035	3 1					8 25		0 03 <		0 020	
1630	3 1	365 0						0 030<			0 003
81 04 09 1400	3 1	450 0						0 030<			0 003
81 04 12 1545	3 1	385 0						0 040<			
81 04 13 1155	3 1					8 70		0 04 <		0 006	
81 04 14 1215	3 1	480 0						0 050<			0 001<
81 04 16 1145	3 1	345 0						0 040<			
81 04 19 1515	3 1	450 0						0 040<			0 002
81 04 21 1100	3 1					8 15		0 04 <		0 015	
1630	3 1	420 0						0 030<			
81 04 23 1130	3 1	440 0						0 050<			0 003
81 04 26 1115	3 1	445 0						0 060<			
81 04 28 1130	3 1	415 0						0 030<			0 001<
1210	3 1	440		100	7 84		0 001<	0 03 <	0 770	0 010	0 003
81 04 30 1500	3 1	410 0						0 050<			
81 05 05 1115	3 1										0 001<
81 05 07 1445	3 1										0 001<
81 05 11 1415	3 1										0 005
81 05 12 1530	3 1							0 05 <			0 006
81 05 14 1515	3 1										0 005
81 05 18 1215	3 1							0 06 <			0 003
81 05 20 1430	3 1										0 003
81 05 21 1020	3 1	355		103	7 87	7 80	0 001<	0 08 <	0 077	0 004	0 003
1300	3 1							0 08 <			0 002
81 05 24 1615	3 1										0 004
81 05 26 0645	3 1							0 08 <			0 003
81 05 28 0745	3 1										0 002
81 05 31 1615	3 1							0 08 <			0 003
81 06 01 1145	3 1										0 003
81 06 09 1500	3 1							0 06 <			0 004
81 06 15 1630	3 1										0 006
81 06 16 1120	3 1					7 60		0 05 <		0 0060	
81 06 23 1015	3 1							0 07 <			0 005
81 06 30 1115	3 1										0 005
81 07 07 1415	3							0 07 <			0 004
81 07 14 1100	3 1										0 006
81 07 21 1215	3 1							0 01 <W			0 006
81 07 28 1135	3 1	320		99	7 98		0 001<	0 04 <	0 590	0 0100	0 004
81 07 29 1345	3 1										0 004
81 08 04 1515	3 1							0 06 <			0 006
81 08 11 1115	3 1										0 006
81 08 18 1145	3 1							0 05 <			0 005
81 08 25 1115	3 1										0 006
1400	3 1	350		71	7 36		0 001<	0 03 <	0 540	0 0140	0 006
81 09 01 1145	3 1							0 04 <			0 006
81 09 09 1415	3 1										0 012
81 09 13 1430	3 1							0 04 <			0 004
81 09 17 1215	3 1										0 009
81 09 21 1215	3 1							0 04 <			0 007
1335	3 1	395		106	7 91	8 00	0 001<	0 04 <	1 100	0 0180	0 008
81 09 28 1130	3 1							0 04 <			0 013
81 10 01 1445	3 1										0 009
81 10 05 1315	3 1							0 06 <			0 007
81 10 08	3 1										0 004
1250	3 1					8 25		0 07 <		0 0140	

(CONTD)

B.O.W / SITE: **WELLAND RIVER**
SAMPLE POINT: **AT MONTROSE BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-003-83**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0652850.0 4767500.0 4** REGION: **02** DISTANCE: **14.162**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 10 13 0400		.3	1							0.03 <			0.004
81 10 15 1100		.3	1										0.006
81 10 19 1115		.3	1							0.04 <			0.003
81 10 20 1045		.3	1	355		103	8.33	7.70	0.001<	0.04 <	0.440	0.0130	0.005
81 10 22		.3	1										0.014
81 10 25 1045		.3	1							0.08 <			0.010
81 10 26 1100		.3	1										0.014
81 11 01 1130		.3	1							0.04 <			0.009
81 11 04 1300		.3	1										0.010
81 11 05 1035		.3	1							0.03 <		0.0270	
81 11 09 0900		.3	1							0.08 <			0.004
81 11 12 1100		.3	1										0.006
81 11 16 1400		.3	1							0.06 <			0.008
81 11 18 1300		.3	1										0.009
81 11 24 2115		.3	1							0.06 <			0.010
81 11 25 1430		.3	1										0.018
81 11 30 1100		.3	1							0.05 <			0.012
1115		.3	1	380		105	8.18	8.10	0.001<	0.05 <	2.300	0.0100	0.012
81 12 03 1045		.3	1										0.005
81 12 07 1100		.3	1							0.03 <			0.007
81 12 10 1115		.3	1										0.009
81 12 14 1130		.3	1							0.03 <			0.005
81 12 17 1115		.3	1										0.010
1120		.3	1					7.75		0.02 <		0.009	
81 12 20 1530		.3	1										0.006
81 12 23 1545		.3	1										0.021
81 12 28 1330		.3	1							0.03 <			0.006
81 12 30 1125		.3	1	420	26.50	87	8.01	8.00	0.001<	0.03 <	0.650	0.006	0.005
1530		.4	1										0.011
MAXIMUM				**520.0**	**26.50**	**110.0**	**8.33**	**8.70**		**0.07**	**4.400**	**0.081**	**0.021**
ARITH MEAN				**398**	**26.50**	**95**	**7.92**	**7.8**		**0.04 <A**	**1.110**	**0.015**	**0.006**
GEOM MEAN				**395**		**94**	**7.91**	**7.7**		**0.03 <A**	**0.652**	**0.011**	**0.005**
MINIMUM				**265.0**	**26.50**	**57**	**7.24**	**6.40**		**0.01**	**0.077**	**0.004**	**0.002**
STD DEV (GEOM *)				**47**		**16**	**0.34**	**0.5**		**0.02 <A**	**1.310**	**0.015**	**0.004**
# SAMPLES (IN STATISTICS)				**48**	**1**	**12**	**11**	**20**		**7**	**10**	**24**	**86**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 01 13 1145		.3	1	0.003<	0.0002<	0.005	20<W		
81 01 26 1245		.3	1	0.005	0.0002<		20<W	50<W	50<W
81 01 29 1115		.3	1	0.003<	0.0002<				
81 02 02 1045		.3	1	0.004	0.0002<				
1150		.3	1	0.003<		0.031	20<W		
81 02 05 1315		.3	1	0.003	0.0002<				
81 02 09 1200		.3	1	0.003<	0.0002<				
81 02 12 1400		.3	1	0.003<	0.0003				
81 02 15 1445		.3	1	0.003<	0.0003				
81 02 17 1500		.3	1	0.004	0.0002<				
81 02 19 1050		.3	1	0.020	0.0004	0.092	20<W		
1145		.3	1	0.010	0.0005				
81 02 22 1500		.3	1	0.010	0.0002<				
81 02 24 1010		.3	1	0.004		0.032			
1645		.3	1	0.003<	0.0002<				
81 02 26 1200		.3	1	0.003<	0.0003				
81 03 01 1545		.3	1	0.003<	0.0002<				
81 03 03 0855		.3	1	0.003<		0.011			
1245		.3	1	0.004	0.0002<				
81 03 05 0730		.3	1	0.003<	0.0002<				
81 03 08 1315		.3	1	0.004	0.0002<				
81 03 09 1140		.3	1	0.003<		0.006			
81 03 10 1100		.3	1	0.003	0.0002<				
81 03 12 1145		.3	1	0.004	0.0002<				
81 03 15 1515		.3	1	0.003<	0.0002<				
81 03 16 1105		.3	1	0.003<	0.0002<	0.007	20<W		
81 03 17 0745		.3	1	0.003<	0.0002<				
81 03 18 1545		.3	1	0.003<	0.0002<				
81 03 22 1545		.3	1	0.003<	0.0002<				
81 03 24 1015		.3	1	0.003<	0.0002<				
1040		.3	1	0.003		0.009			
81 03 26 0730		.3	1	0.003<	0.0002<				
81 03 29 0730		.3	1	0.003<	0.0002<				
81 03 30 1120		.3	1	0.003<		0.006			
81 03 31 0730		.3	1	0.003<	0.0002<				
81 04 02 0745		.3	1	0.003<	0.0002<				
81 04 05 1800		.3	1	0.003<	0.0002<				
81 04 07 1035		.3	1	0.003<		0.010			
1630		.3	1	0.003<	0.0002<			180	50<W
81 04 09 1400		.3	1	0.003<	0.0002<				
81 04 12 1545		.3	1	0.003<	0.0002<				
81 04 13 1155		.3	1	0.003		0.006			
81 04 14 1215		.3	1	0.003<	0.0002<			50	50<W
81 04 16 1145		.3	1	0.003<	0.0003		20<W		
81 04 19 1515		.3	1	0.003<	0.0002<		20<W	50<W	50<W
81 04 21 1100		.3	1	0.003<		0.015			
1630		.3	1	0.003<	0.0002<		20<W		
81 04 23 1130		.3	1	0.003<	0.0002<				
81 04 26 1115		.3	1	0.003<	0.0004				
81 04 28 1130		.3	1	0.003<	0.0002<				
1210		.3	1	0.003<	0.0002<	0.058	20<W		
81 04 30 1500		.3	1	0.003<	0.0002<				
81 05 04 1415		.3	1	0.003<	0.0002<				
81 05 05 1115		.3	1	0.003<	0.0002<				
81 05 07 1445		.3	1	0.003<	0.0002<				
81 05 11 1415		.3	1	0.003<	0.0002<				
81 05 12 1530		.3	1	0.003<	0.0003				
81 05 14 1515		.3	1	0.003<	0.0002<				
81 05 18 1215		.3	1	0.002<	0.0002<				

(CONTD)

	TEST-NAME:			PBUT	CDUT	ZNUT	P1PCBT	X3PCPH	P3245T
81 05 20	1430	3	1	0.024	0.0002<				
81 05 21	1020	3	1	0.004	0.0005	0.006	20<W		
	1300	3	1	0.003<	0.0002<				
81 05 24	1615	3	1	0.003<	0.0002<				
81 05 26	0645	3	1	0.010	0.0002<				
81 05 28	0745	3	1	0.008	0.0002<				
81 05 31	1615	3	1	0.010	0.0002<				
81 06 01	1145	3	1	0.007	0.0002<				
81 06 09	1500	3	1	0.004	0.0002<				
81 06 15	1630	3	1	0.005	0.0001				
81 06 16	1120	3	1	0.008		0.003	20<W		
81 06 23	1015	3	1	0.003	0.0002<				
81 06 30	1115	3	1	0.003<	0.0002<				
81 07 07	1415	3		0.003<	0.0002<				
81 07 14	1100	3	1	0.003<	0.0002				
81 07 21	1215	3	1	0.009	0.0002				
81 07 28	1135	3	1	0.010	0.0004	0.008	20<W		
81 07 29	1345	3	1	0.009	0.0002				
81 08 04	1515	3	1	0.006	0.0001				
81 08 11	1115	3	1	0.004	0.0001<				
81 08 18	1145	3	1	0.003<	0.0002<				
81 08 25	1115	3	1	0.005	0.0001				
	1400	3	1	0.006	0.0001	0.007			
81 09 01	1145	3	1	0.004	0.0002<				
81 09 09	1415	3	1	0.003<	0.0010<				
81 09 13	1430	3	1	0.008	0.0001<				
81 09 17	1215	3	1	0.003<	0.0001				
81 09 21	1215	3	1	0.003<	0.0002				
81 09 24	1145	3	1	0.009	0.0001				
	1335	3	1	0.003<	0.0001	0.011	20<W		
81 09 28	1130	3	1	0.003<	0.0001				
81 10 01	1445	3	1	0.010	0.0002				
81 10 05	1315	3	1	0.003<	0.0002				
81 10 08		3	1	0.003<	0.0006				
	1250	3	1	0.003<		0.006			
81 10 13	0400	3	1	0.003<	0.0002<				
81 10 15	1100	3	1	0.005	0.0003				
81 10 19	1115	3	1	0.003<	0.0002				
81 10 20	1045	3	1	0.003<	0.0003	0.005	20<W		
81 10 22		3	1	0.003<	0.0002				
81 10 25	1045	3	1	0.010	0.0001<				
81 10 26	1100	3	1	0.010	0.0002				
81 11 01	1130	3	1	0.006	0.0002				
81 11 04	1300	3	1	0.008	0.0008				
81 11 05	1035	3	1	0.003<		0.052			
81 11 09	0900	3	1	0.008	0.0007				
81 11 12	1100	3	1	0.007	0.0003				
81 11 16	1400	3	1	0.006	0.0003				
81 11 18	1300	3	1	0.006	0.0010				
81 11 24	2115	3	1	0.003<	0.0002				
81 11 25	1430	3	1	0.007	0.0002				
81 11 30	1100	3	1	0.003<	0.0002				
	1115	3	1	0.003<	0.0004	0.015	20<W		
81 12 03	1045	3	1	0.005	0.0002<				
81 12 07	1100	3	1	0.008	0.0001<				
81 12 10	1115	3	1	0.012	0.0001				
81 12 14	1130	3	1	0.007	0.0002				
81 12 17	1115	3	1	0.011	0.0002				
	1120	3	1	0.008		0.009			
81 12 20	1530	3	1	0.009	0.0003				
81 12 23	1545	3	1	0.007	0.0002				
81 12 28	1330	3	1	0.007	0.0002				
81 12 30	1125	3	1	0.007	0.0005	0.012	20<W		
	1530	4	1	0.008	0.0002				
	MAXIMUM			**0.024**	**0.0010**	**0.092**		**180**	**50**
	ARITH MEAN			**0.007**	**0.0003**	**0.018**		**82<A**	**50<A**
	GEOM MEAN			**0.007**	**0.0002**	**0.011**		**69<A**	**50<A**
	MINIMUM			**0.003**	**0.0001**	**0.003**		**50**	**50**
	STD DEV (GEOM *)			**0.004**	**0.0002**	**0.021**		**65<A**	**0<A**
	# SAMPLES (IN STATISTICS)			**56**	**48**	**24**		**4**	**4**

B.O.W./ SITE: **WELLAND RIVER**
SAMPLE POINT: **NEW SYPHON AT PORT ROBINSON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-005-02**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0645650.0 4765450.0 4** REGION: **02** DISTANCE: **23.818**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1110		3	1	38334	4	8800	6900	3800	1020	0.8	8.9	1.2	0.033
81 02 02 1135		3	1	38366	6	62000	110000	9700	2980	2.5	7.6	1.4	0.210
81 03 09 1125		3	1	38405	5	7400	29000	1680	1540	4.8	12.80	0.6	0.052
81 04 23 1200		3	1	38482	3 9	7100	16000	600A	320	8.50	11.60	3.0	0.101
81 05 13 1050		3	1	38523	5	14600	30000>	1760	520	12.0	10.20	2.4	0.150
81 06 11 1100		3	1	38567	6	5900	15000	280	180A	18.0	6.70	0.6	0.063
81 07 28 1120		3	1	38605	6 9	5600	20000	340	200	19.5	6.60	1.2	0.122
81 08 25 1420		3	1	38677	8 9	570000	500000	14000	80A	22.0	6.80	1.4	0.042
81 09 24 1315		3	1	38709	8	66000A	230000	6600	990	16.0	6.80	1.6	0.135
81 10 08 1235		3	1	38756	8	54000A	290000	15000>	550	11.0	8.90	1.2	0.068
81 11 30 1055		3	1	38839	8	20000	43000	920	340	3.5	11.40	0.6	0.130
81 12 17 1045		3	1	38885	8	12800	8000	1500>	590	2.0	12.20	1.6	0.032
MAXIMUM						**570000**	**500000**	**14000**	**2980**	**22.0**	**12.80**	**3.0**	**0.210**
ARITH MEAN						**69517**	**115264**	**3968**	**776**	**10.0**	**9.2**	**1.4**	**0.095**
GEOM MEAN						**20960**	**44051**	**1872**	**500**	**6.7**	**8.9**	**1.2**	**0.080**
MINIMUM						**5600**	**6900**	**280**	**80**	**0.8**	**6.60**	**0.6**	**0.032**
STD DEV (GEOM *)						**4***	**4***	**4***	**3***	**7.4**	**2.3**	**0.7**	**0.056**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**12**	**12**	**12**	**12**	**12**

(CONTD)

B.O.W. / SITE: **WELLAND RIVER**
SAMPLE POINT: **NEW SYPHON AT PORT ROBINSON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-005-02**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M.: **17 0645650.0 4765450.0 4** REGION: **02** DISTANCE: **23.818**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 22 1110		.3	1	0.006	0.460	0.790	0.031	0.407		0.898	0.330	1.228	229.00
81 02 02 1135		.3	1	0.055	0.228	0.800	0.028	0.877		1.133	0.572	1.705	266.00
81 03 09 1125		.3	1	0.017	0.356	0.78	0.013	0.650	0.665	1.019	0.424	1.443	
81 04 23 1200		.3	1	0.009	0.310	1.06	0.040	0.585	0.625	0.935	0.750	1.685	
81 05 13 1050		.3	1	0.040	0.186	1.21	0.030	0.655	0.685	0.871	1.024	1.895	
81 06 11 1100		.3	1	0.020	0.280	0.65	0.055	0.260	0.315	0.595	0.370	0.965	
81 07 28 1120		.3	1	0.043	0.072	0.65	0.088	0.612	0.740	0.772	0.578	1.350	
81 08 25 1420		.3	1	0.041	0.006	0.42	0.001	0.620	0.620	0.627	0.414	1.041	
81 09 24 1315		.3	1	0.046	0.008	0.82	0.003	1.200	1.200	1.211	0.812	2.023	
81 10 08 1235		.3	1	0.017	0.004	0.50	0.001<T	0.180	0.180	0.185	0.496	0.681	
81 11 30 1055		.3	1	0.055	0.180	0.85	0.095	1.400	1.500	1.675	0.670	2.345	
81 12 17 1045		.3	1	0.012	0.004	0.26	0.001	0.500	0.500	0.505	0.256	0.761	
	MAXIMUM			**0.055**	**0.460**	**1.21**	**0.095**	**1.400**	**1.500**	**1.675**	**1.024**	**2.345**	**266.00**
	ARITH MEAN			**0.030**	**0.174**	**0.73**	**0.032<A**	**0.662**	**0.703**	**0.869**	**0.558**	**1.427**	**247.50**
	GEOM MEAN			**0.024**	**0.065**	**0.68**	**0.013<A**	**0.576**	**0.606**	**0.774**	**0.518**	**1.335**	**246.81**
	MINIMUM			**0.006**	**0.004**	**0.26**	**0.001**	**0.180**	**0.180**	**0.185**	**0.256**	**0.681**	**229.00**
	STD DEV (GEOM *)			**0.018**	**0.157**	**0.26**	**0.033<A**	**0.354**	**0.389**	**0.382**	**0.224**	**0.520**	**26.16**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 22 1110		.3	1	5.00		345.0	4.80	23.000	29.500		7.18	7.4	1.000<
81 02 02 1135		.3	1	12.00	254.000	390.0	14.00	30.000	45.000		7.70	7.4	1.000<
81 03 09 1125		.3	1	5	218	335	7.80	23.50		98	7.84	7.70	1 <T
81 04 23 1200		.3	1	28	260	400	2.00	27.00		102	7.50	7.35	1 <T
81 05 13 1050		.3	1	33	242	380	33.00	21.00		100	7.91	7.55	1 <T
81 06 11 1100		.3	1	15	202	310	10.00	20.00		98	8.19	7.90	1 <T
81 07 28 1120		.3	1	23.0	202	310	1.49	20.00		99	7.89		1 <T
81 08 25 1420		.3	1	11.9	202	310	2.10	20.50		98	7.71		1 <T
81 09 24 1315		.3	1	31.3	244	375	8.40	24.00		106	7.86	7.85	1 <T
81 10 08 1235		.3	1		208	320	14.70	20.50		100	8.23	8.20	1 <T
81 11 30 1055		.3	1	17.3	228	350	51.00	22.00		101	7.90	7.90	1 <T
81 12 17 1045		.3	1	7.4	218	335	7.50	25.00		102	8.23	8.00	1 <T
	MAXIMUM			**33**	**260**	**400**	**51.00**	**30.000**	**45.000**	**106**	**8.23**	**8.20**	**1**
	ARITH MEAN			**17**	**225**	**346**	**13.07**	**23.04**	**37.250**	**100**	**7.84**	**7.7**	**1 <A**
	GEOM MEAN			**14**	**224**	**345**	**7.81**	**22.86**	**36.435**	**100**	**7.84**	**7.7**	**1 <A**
	MINIMUM			**5.00**	**202**	**310**	**1.49**	**20.00**	**29.500**	**98**	**7.18**	**7.35**	**1**
	STD DEV (GEOM *)			**10**	**21**	**32**	**14.69**	**3.10**	**10.960**	**3**	**0.31**	**0.2**	**0 <A**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**2**	**10**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*FEUT*	*COLAP*	*COD*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 01 22 1110		.3	1	0.660	23.000	10 <					0.022
81 02 02 1135		.3	1	0.960	36.000	23					0.050
81 03 09 1125		.3	1	0.67		13.000	0.280	0.001	0.003<	0.004	0.020
81 04 23 1200		.3	1	3.20		27	0.670	0.005	0.003<	0.008	
81 05 13 1050		.3	1	2.20		35	0.390	0.003	0.003<	0.005	
81 06 11 1100		.3	1	0.87		15	0.210	0.001<	0.003<	0.002	
81 07 28 1120		.3	1	1.48		2	0.720	0.004	0.012	0.010	
81 08 25 1420		.3	1	0.94		12	0.500	0.005	0.005	0.007	
81 09 24 1315		.3	1	1.65		22	0.680	0.006	0.003<	0.009	
81 10 08 1235		.3	1	0.97		15	0.550	0.005	0.003<	0.006	
81 11 30 1055		.3	1	2.95		27	1.000	0.008	0.003<	0.010	
81 12 17 1045		.3	1	0.51			0.260	0.004	0.008	0.003	
	MAXIMUM			**3.20**	**36.000**	**35**	**1.000**	**0.008**	**0.012**	**0.010**	**0.050**
	ARITH MEAN			**1.42**	**29.500**	**19**	**0.526**	**0.005**	**0.008**	**0.006**	**0.031**
	GEOM MEAN			**1.19**	**28.775**	**15**	**0.471**	**0.004**	**0.008**	**0.006**	**0.028**
	MINIMUM			**0.51**	**23.000**	**2**	**0.210**	**0.001**	**0.005**	**0.002**	**0.020**
	STD DEV (GEOM *)			**0.90**	**9.192**	**9**	**0.249**	**0.002**	**0.004**	**0.003**	**0.017**
	# SAMPLES (IN STATISTICS)			**12**	**2**	**10**	**10**	**9**	**3**	**10**	**3**

B.O.W./ SITE: **WELLAND RIVER**
SAMPLE POINT: **AT BRIDGE SOUTH OF WELLAND AIRPORT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-007-02**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0637150.0 4758850.0 4** REGION: **02** DISTANCE: **36.853**

TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1215		.3 1	38332	4	2100	11000	470	130	0.2	4.5	1.4	0.198
81 03 09 1035		.3 1	38403	3					3.8	11.60		0.159
81 04 23 1105		.3 1	38480	3					11.0	10.20		0.145
81 05 13 1005		.3 1	38521	5					13.0	9.20		0.285
81 06 11 1000		.3 1	38565	5					21.0	5.00		0.228
81 07 28 1035		.3 1	38603	8					21.5	4.70		0.192
81 08 25 1505		.3 1	38675	8					23.5	8.20		0.025
81 09 24 1200		.3 1	38707	3					12.3	7.10		0.252
81 10 08 1115		.3 1	38754	3					8.2	9.00		0.175
81 11 30 1000		3 1	38837	8					1.0	11.50		0.330
MAXIMUM					**2100**	**11000**	**470**	**130**	**23.5**	**11.60**	**1.4**	**0.330**
ARITH MEAN					**2100**	**11000**	**470**	**130**	**11.5**	**8.1**	**1.4**	**0.199**
GEOM MEAN									**6.4**	**7.6**		**0.170**
MINIMUM					**2100**	**11000**	**470**	**130**	**0.2**	**4.5**	**1.4**	**0.025**
STD DEV (GEOM *)									**8.5**	**2.7**		**0.084**
# SAMPLES (IN STATISTICS)					**1**	**1**	**1**	**1**	**10**	**10**	**1**	**10**

TEST-NAME:	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 22 1215		.3 1	0.096	0.410	2.320	0.055	4.150		4.615	1.910	6.525	460.00
81 03 09 1035		.3 1	0.065	0.218	1.49	0.039	2.660	2.700	2.917	1.272	4.189	
81 04 23 1105		.3 1	0.030	0.124	1.44	0.052	0.730	0.780	0.906	1.316	2.222	
81 05 13 1005		.3 1	0.079	0.102	1.91	0.036	1.410	1.450	1.548	1.808	3.356	
81 06 11 1000		.3 1		0.010	1.45	0.026	0.660	0.685	0.696	1.440	2.136	
81 07 28 1035		.3 1	0.085	0.012	1.40	0.015	4.380	4.400	4.407	1.388	5.795	
81 08 25 1505		.3 1		0.006	0.78	0.003	0.220	0.225	0.229	0.774	1.003	
81 09 24 1200		.3 1	0.145	0.008	1.45	0.050	2.500	2.550	2.558	1.442	4.000	
81 10 08 1115		.3 1	0.081	0.014	1.48	0.015	2.780	2.800	2.809	1.466	4.275	
81 11 30 1000		3 1	0.140	0.082	1.82	0.080	4.420	4.500	4.582	1.738	6.320	
MAXIMUM			**0.145**	**0.410**	**2.320**	**0.080**	**4.420**	**4.500**	**4.615**	**1.910**	**6.525**	**460.00**
ARITH MEAN			**0.090**	**0.099**	**1.55**	**0.037**	**2.391**	**2.232**	**2.527**	**1.455**	**3.982**	**460.00**
GEOM MEAN			**0.082**	**0.039**	**1.50**	**0.028**	**1.716**	**1.594**	**1.837**	**1.418**	**3.497**	
MINIMUM			**0.030**	**0.006**	**0.78**	**0.003**	**0.220**	**0.225**	**0.229**	**0.774**	**1.003**	**460.00**
STD DEV (GEOM *)			**0.038**	**0.130**	**0.40**	**0.023**	**1.593**	**1.566**	**1.652**	**0.322**	**1.860**	
# SAMPLES (IN STATISTICS)			**8**	**10**	**10**	**10**	**10**	**9**	**10**	**10**	**10**	**1**

TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	PH	FWPH	PHNOL	FEUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 22 1215		.3 1	15.00	445.00	560.0	61.00	28.000	107.000	7.38	7.0	1.000<	4.200
81 03 09 1035		.3 1	7	327	420	35.00	25.00		7.59	7.20		
81 04 23 1105		.3 1	31	383		2.30	35.00		7.90	7.90		
81 05 13 1005		.3 1	54	295		30.00	20.50		7.70	7.20		
81 06 11 1000		.3 1	30	327		70.00	21.00		7.89	7.40		
81 07 28 1035		.3 1	45.0	405		2.70	29.50		7.63			
81 08 25 1505		.3 1	15.8	395		1.17	40.00		8.01			
81 09 24 1200		.3 1	43.0	319		40.00	30.00		7.63	7.65		
81 10 08 1115		.3 1				31.00	31.50		7.89	7.95		
81 11 30 1000		3 1	29.5	353		129.00	22.00		7.63	7.60		
MAXIMUM			**54**	**445.00**	**560.0**	**129.00**	**40.00**	**107.000**	**8.01**	**7.95**		**4.200**
ARITH MEAN			**30**	**361**	**490**	**40.22**	**28.25**	**107.000**	**7.72**	**7.4**		**4.200**
GEOM MEAN			**25**	**358**	**485**	**18.69**	**27.62**		**7.72**	**7.4**		
MINIMUM			**7**	**295**	**420**	**1.17**	**20.50**	**107.000**	**7.38**	**7.0**		**4.200**
STD DEV (GEOM *)			**15**	**48**	**99**	**39.14**	**6.33**		**0.19**	**0.3**		
# SAMPLES (IN STATISTICS)			**9**	**9**	**2**	**10**	**10**	**1**	**10**	**8**		**1**

TEST-NAME:	COLAP	COD	MNUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	MANGANSE UNF.TOT. MG/L AS MN
81 01 22 1215		.3 1	70.000>	49	0.100
MAXIMUM				**49**	**0.100**
ARITH MEAN				**49**	**0.100**
GEOM MEAN					
MINIMUM				**49**	**0.100**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W. / SITE: **WELLAND RIVER**
SAMPLE POINT: **AT SINCLAIRVILLE BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-008-02**
STORET CODE: **02 004 5400**

LAT: LONG: U.T.M: **17 0600300.0 4767750.0 4** REGION: **02** DISTANCE: **101.225**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1305		.3	1	38331	4	1000	1900	300	201	1.0	5.0	0.4	0.055
81 02 02 0940		.3	1	38364	4	12300	56000	240	890	2.0	5.8	3.4	0.150
81 03 09 0935		.3	1	38401	3 5	60A	1160	10<	10<	3.8	11.80	0.6	0.064
81 04 23 1020		.3	1	38479	3 5	260	3000>	30A	150	9.00	10.60	1.6	0.080
81 05 13 0920		.3	1	38520	5	3200	30000>	130	110	10.0	9.70	2.8	0.135
81 06 11 0920		.3	1	38564	5	2200A	45000	160	220	18.0	4.00	1.2	0.174
81 07 28 0900		.3	1	38601	3	12000	154000	660	1080	17.5	5.70	2.6	0.252
81 08 31 0940		.3	1	38673	8 9	6200A	126000	960	1320	21.0	5.10	3.0	0.225
81 09 24 0950		.3	1	38705	8	18000	170000	660	2300	10.8	6.80	1.2	0.235
81 10 08 0950		.3	1	38752	3	19000	140000	5600	7600	7.5	8.90	1.0	0.192
81 11 05 0915		.3	1	38796	5	2200	7500	1000	800A	4.0	10.20	1.4U	0.082
81 12 17 0840		.3	1	38881	8	40A	1220	10A	50A	0.5	13.60	1.8	0.054
	MAXIMUM					**19000**	**170000**	**5600**	**7600**	**21.0**	**13.60**	**3.4**	**0.252**
	ARITH MEAN					**6372**	**70278**	**886**	**1322**	**8.7**	**8.1**	**1.7**	**0.141**
	GEOM MEAN					**1950**	**21730**	**286**	**416**	**5.4**	**7.5**	**1.5**	**0.122**
	MINIMUM					**40**	**1160**	**10**	**20**	**0.5**	**4.00**	**0.4**	**0.054**
	STD DEV (GEOM *)					**8***	**8***	**6***	**6***	**7.0**	**3.1**	**1.0**	**0.074**
	# SAMPLES (IN STATISTICS)					**12**	**10**	**11**	**11**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1305		.3	1	0.012	0.196	0.800	0.028	0.698		0.922	0.604	1.526	961.00
81 02 02 0940		.3	1	0.044	0.570	1.650	0.049	1.800		2.419	1.080	3.499	868.00
81 03 09 0935		.3	1	0.021	0.054	0.76	0.027	3.520	3.550	3.601	0.706	4.307	
81 04 23 1020		.3	1	0.010	0.054	0.89	0.010	0.155	0.165	0.219	0.836	1.055	
81 05 13 0920		.3	1	0.011	0.030	1.14	0.009	0.640	0.650	0.679	1.110	1.789	
81 06 11 0920		.3	1	0.035	0.008	0.88	0.003	0.420	0.425	0.431	0.872	1.303	
81 07 28 0900		.3	1	0.040	0.008	1.08	0.004	0.595	0.600	0.607	1.072	1.679	
81 08 31 0940		.3	1	0.061	0.006	1.08	0.005	0.460	0.465	0.471	1.074	1.545	
81 09 24 0950		.3	1	0.100	0.010	1.25	0.018	1.880	1.900	1.908	1.240	3.148	
81 10 08 0950		.3	1	0.068	0.016	1.15	0.010	1.090	1.100	1.116	1.134	2.250	
81 11 05 0915		.3	1	0.024	0.006	0.70	0.002	0.690	0.690	0.698	0.694	1.392	
81 12 17 0840		.3	1	0.013	0.006	0.62	0.003	0.690	0.695	0.699	0.614	1.313	
	MAXIMUM			**0.100**	**0.570**	**1.650**	**0.049**	**3.520**	**3.550**	**3.601**	**1.240**	**4.307**	**961.00**
	ARITH MEAN			**0.037**	**0.080**	**1.00**	**0.014**	**1.053**	**1.024**	**1.147**	**0.920**	**2.067**	**914.50**
	GEOM MEAN			**0.028**	**0.023**	**0.96**	**0.009**	**0.778**	**0.734**	**0.855**	**0.893**	**1.876**	**913.32**
	MINIMUM			**0.010**	**0.006**	**0.62**	**0.002**	**0.155**	**0.165**	**0.219**	**0.604**	**1.055**	**868.00**
	STD DEV (GEOM *)			**0.028**	**0.163**	**0.28**	**0.014**	**0.937**	**1.006**	**1.001**	**0.225**	**1.031**	**65.76**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 22 1305		.3	1	28.00	933.00	1260.0	18.00	92.000	333.000	203.0	7.41	7.1	1.000<
81 02 02 0940		.3	1	24.00	844.00	1140.0	18.00	97.000	313.000	147.0	7.29	6.9	1.000<
81 03 09 0935		.3	1	5	721	960	8.80	65.00	252.000	126	7.68	7.30	1 <T
81 04 23 1020		.3	1	32	699	980	2.20	78.00	236	132	7.78	7.75	1 <T
81 05 13 0920		.3	1	55	599	860	30.00	49.00	253	144	7.85	7.35	1 <T
81 06 11 0920		.3	1	85	781	1040	44.00	83.00	285	160	7.88	7.30	1 <T
81 07 28 0900		.3	1	133.0	505	700	7.90	50.50	140.0	142	7.76		1 <T
81 08 31 0940		.3	1	86.0	575	800	6.70	65.00	197.0	160	7.60	7.60	1 <T
81 09 24 0950		.3	1	68.7	289	430	86.00	22.00	82.0	100	7.76	7.30	1 <T
81 10 08 0950		.3	1			520	63.00	27.00	110.0	121	7.89	7.90	1 <T
81 11 05 0915		.3	1	22.2	386	560	19.10	31.00	113.0	136	8.04		1 <T
81 12 17 0840		.3	1	16.1	284	430	17.50	26.00	63.0	125	8.06	8.20	1 <T
	MAXIMUM			**133.0**	**933.00**	**1260.0**	**86.00**	**97.000**	**333.000**	**203.0**	**8.06**	**8.20**	**1**
	ARITH MEAN			**50**	**601**	**806**	**26.77**	**57.12**	**198**	**141**	**7.75**	**7.4**	**1 <A**
	GEOM MEAN			**36**	**560**	**758**	**17.44**	**50.71**	**174**	**139**	**7.75**	**7.4**	**1 <A**
	MINIMUM			**5**	**284**	**430**	**2.20**	**22.00**	**63.0**	**100**	**7.29**	**6.9**	**1**
	STD DEV (GEOM *)			**39**	**219**	**280**	**25.43**	**26.86**	**93**	**25**	**0.23**	**0.3**	**0 <A**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	COD CHEM. OX .DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 01 22 1305		.3	1	1.300				70.000>	31		0.001<	0.060<	1.000
81 02 02 0940		.3	1	1.400				70.000>	45		0.001<	0.060<	1.000
81 03 09 0935		.3	1		383	99.0	33.00		47.348	6.8			
81 04 23 1020		.3	1		367	85.0	37.50		27	9.1			
81 05 13 0920		.3	1		358	84.0	36.00		44	10.4			
81 06 11 0920		.3	1		393	93.0	39.00		27	8.4			
81 07 28 0900		.3	1		258	67.0	22.00		32	7.1			
81 08 31 0940		.3	1		316	85.2	25.00		20	6.1			
81 09 24 0950		.3	1		169	43.2	15.00		32	9.3			
81 10 08 0950		.3	1		196	47.0	19.00		31	9.5			
81 11 05 0915		.3	1		257	70.0	20.00		18	6.9			
81 12 17 0840		.3	1		177	52.0	11.50		9	7.0			
	MAXIMUM			**1.400**	**393**	**99.0**	**39.00**		**47.348**	**10.4**			**1.000**
	ARITH MEAN			**1.350**	**287**	**72.5**	**25.80**		**30**	**8.1**			**1.000**
	GEOM MEAN			**1.349**	**275**	**69.9**	**23.97**		**27**	**7.9**			**1.000**
	MINIMUM			**1.300**	**169**	**43.2**	**11.50**		**9**	**6.1**			**1.000**
	STD DEV (GEOM *)			**0.071**	**87**	**19.8**	**9.91**		**11**	**1.5**			**0.000**
	# SAMPLES (IN STATISTICS)			**2**	**10**	**10**	**10**		**12**	**10**			**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
TEST-NAME:				CRUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT	CCNAUR	P1PCBT
81 01 22 1305		.3	1	0 001 <	0.002	0.003	0.0002<	0.014	0.580	0 003 <	0.0005<	0.010<	
81 02 02 0940		.3	1	0.002	0.006	0.003<	0.0003	0.013	0 600	0 003 <	0.0005<		20<W
81 03 09 0935		.3	1	0.002 <	0.003	0 003<	0.0002<	0.004		0.002 <			20<W
81 04 23 1020		.3	1										20<W
81 05 13 0920		.3	1	0.002 <	0.004	0.003<	0 0002<	0.006		0.003			20<W
81 06 11 0920		.3	1	0.0090	0.007	0.003<	0.0001	0 012		0.0005<			20<W
81 07 28 0900		.3	1	0 0090	0.006	0.003<	0.0001<	0 018		0.0070			20<W
81 08 31 0940		.3	1	0.0050	0.006	0.003<	0.0002<	0.011		0.0030			
81 09 24 0950		.3	1	0.0060	0.008	0.003<	0.0001<	0.014		0.0050			20<W
81 10 08 0950		.3	1	0.0060	0.018	0.003<	0 0001<	0.012		0.0050			20<W
81 11 05 0915		.3	1	0 0070	0.010	0.003<	0.0001<	0 009		0.0060			
81 12 17 0840		.3	1	0.003	0 008	0.003<	0 0002	0.003		0.004			20<W
MAXIMUM				**0.0090**	**0.018**	**0.003**	**0.0003**	**0.018**	**0.600**	**0.0070**			
ARITH MEAN				**0.005**	**0.007**	**0.003**	**0.0002**	**0.011**	**0.590**	**0.004**			
GEOM MEAN				**0.005**	**0.006**		**0.0002**	**0.009**	**0.590**	**0.004**			
MINIMUM				**0.002**	**0.002**	**0.003**	**0.0001**	**0.003**	**0.580**	**0.003**			
STD DEV (GEOM *)				**0.002**	**0.004**		**0.0001**	**0.005**	**0.014**	**0.001**			
# SAMPLES (IN STATISTICS)				**8**	**11**	**1**	**3**	**11**	**2**	**7**			

B.O.W./ SITE: **WELLAND RIVER**
SAMPLE POINT: **LOT 25 CONC.7 FORMER TWP.OF BINBROOK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-009-02**
STORET CODE: **02 004 5400**

LAT: LONG: U T M: **17 0597750.0 4771600.0 0** REGION: **02** DISTANCE: **112.490**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 22 1325		.3	1	38330	4	180I	2600	20I	40I	1.0	5.2	0.8	0.065
81 03 09 0920		.3	1	38400	3 5	450	2600	10A	30A	5 0	10.80	1.2	0.072
81 04 23 1000		.3	1	38478	5	840	6000>	200	200	6.50	7.50	1.4	0.088
81 05 13 0905		.3	1	38519	5	4700	30000>	220	160	11 0	9.80	2.4	0.047
81 06 11 0855		.3	1	38563	5	2600	21500	90A	210	18.0	3.80	1.6	0.298
81 07 28 0845		.3	1	38600	3	10000	101000	280	760	18.5	5.50	1.8	0.225
81 08 31 0920		.3	1	38672	8	1400A	36000	140A	320	20.0	4.70	1.6	0.138
81 09 24 0905		.3	1	38704	8	3700A	69000	170	890	12.0	6.90	1.2	0.158
81 10 08 0925		.3	1	38751	3	3200A	28000	890	670	8.0	9.30	1.4	0.108
81 11 05 0850		.3	1	38795	5	900A	7500	40A	60A	5.0	10.60		0.078
81 12 17 0815		.3	1	38880	8	60A	660	10<	10A	0.5	13.80	2.2	0.049
MAXIMUM						**10000**	**101000**	**890**	**890**	**20.0**	**13.80**	**2.4**	**0.298**
ARITH MEAN						**2548**	**29873**	**206**	**305**	**9.5**	**7.9**	**1.6**	**0.121**
GEOM MEAN						**1200**	**11972**	**107**	**147**	**6.2**	**7.4**	**1.5**	**0.101**
MINIMUM						**60**	**660**	**10**	**10**	**0.5**	**3.80**	**0.8**	**0.047**
STD DEV (GEOM *)						**5***	**5***	**4***	**4***	**6.9**	**3.1**	**0.5**	**0.079**
# SAMPLES (IN STATISTICS)						**11**	**9**	**10**	**11**	**11**	**11**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 22 1325		.3	1	0 016	0.172	1.100	0.021	0.679		0.872	0.928	1.800	540.00
81 03 09 0920		.3	1	0 027	0.088	0.68	0.020	2.080	2.100	2.188	0.592	2.780	
81 04 23 1000		.3	1	0 019	0.066	0.75	0 019	0.070	0.090	0.155	0.684	0.839	
81 05 13 0905		.3	1	0 010	0.086	0.40	0.028	0.935	0.965	1.049	0.314	1.363	
81 06 11 0855		.3	1	0.034	0.006	1.00	0.003	0.655	0.660	0.664	0.994	1.658	
81 07 28 0845		.3	1	0 041	0.148	1.02	0.004	0 445	0.450	0.597	0.872	1.469	
81 08 31 0920		.3	1	0 040	0.004	0.75	0.002	0.550	0.550	0.556	0.746	1.302	
81 09 24 0905		.3	1	0 034	0.010	0.95	0.004	0 935	0.940	0.949	0 940	1.889	
81 10 08 0925		.3	1	0 035	0.012	0 88	0 008	1.040	1.050	1.060	0 868	1.928	
81 11 05 0850		.3	1	0 018	0.006	0 70	0 003	0.575	0 580	0 584	0 694	1.278	
81 12 17 0815		.3	1	0 011	0.006	0.60	0.002	0.735	0.735	0.743	0.594	1.337	
MAXIMUM				**0.041**	**0.172**	**1.100**	**0.028**	**2.080**	**2.100**	**2.188**	**0.994**	**2.780**	**540.00**
ARITH MEAN				**0.026**	**0.055**	**0.80**	**0.010**	**0.791**	**0.812**	**0.856**	**0.748**	**1.604**	**540.00**
GEOM MEAN				**0.023**	**0.024**	**0.77**	**0.007**	**0.629**	**0.645**	**0.727**	**0.717**	**1.537**	
MINIMUM				**0.010**	**0.004**	**0.40**	**0.002**	**0.070**	**0.090**	**0.155**	**0.314**	**0.839**	**540.00**
STD DEV (GEOM *)				**0.012**	**0.062**	**0.20**	**0.010**	**0.504**	**0.533**	**0.513**	**0.201**	**0.504**	
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT	PH	FWPH	PHNOL
81 01 22 1325		.3	1	12.00	528.00	760.0	9.50	42.000	135.000	200.0	7.48	7.2	1.000<
81 03 09 0920		.3	1	6	747	980	7.50	66.00	228.0	191	7.67	7.35	1 <T
81 04 23 1000		.3	1	26	671	960	15 00	76.00	225	173	8.10	7.50	1 <T
81 05 13 0905		.3	1	60	238	700	30 00	53.50	139	140	7.83	7.20	1 <T
81 06 11 0855		.3	1	86	418	630	48 00	46.00	42.0	152	7.67	7.00	1 <T
81 07 28 0845		.3	1	108.0		580	2.60	42.00	79.0	160	7.44		1 <T
81 08 31 0920		.3	1	40.0	358	580	2 80	38.50	75.0	170	7.59	7.55	1 <T
81 09 24 0905		.3	1	73 6	252	415	48.00	26.50	56.0	116	7.60	7 80	1 <T
81 10 08 0925		.3	1			420	26.00	26.50	85.0	122	7.89	8 05	1 <T
81 11 05 0850		.3	1	29.4	308	470	6 70	26 00	71.0	136	7.97		1 <T
81 12 17 0815		.3	1	10 5	260	410	11.60	25 50	55.0	126	8.30	8.20	1 <T
MAXIMUM				**108.0**	**747**	**980**	**48.00**	**76.00**	**228.0**	**200.0**	**8.30**	**8.20**	**1**
ARITH MEAN				**45**	**420**	**627**	**18.88**	**42.59**	**108**	**153**	**7.78**	**7.5**	**1 <A**
GEOM MEAN				**31**	**386**	**599**	**12.42**	**39.73**	**92**	**151**	**7.77**	**7.5**	**1 <A**
MINIMUM				**6**	**238**	**410**	**2.60**	**25.50**	**42.0**	**116**	**7.44**	**7.00**	**1**
STD DEV (GEOM *)				**35**	**188**	**205**	**16.82**	**17.02**	**65**	**28**	**0.27**	**0.4**	**0 <A**
# SAMPLES (IN STATISTICS)				**10**	**9**	**11**	**11**	**11**	**11**	**11**	**11**	**9**	**10**

(CONTD)

B.O.W./ SITE: **WELLAND RIVER**
SAMPLE POINT: **LOT 25 CONC.7 FORMER TWP.OF BINBROOK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **WELLAND RIVER**

STATION ID: **11-0001-009-02**
STORET CODE: **02 004 5400**

LAT: LONG: U T M: **17 0597750.0 4771600.0 0** REGION: **02** DISTANCE: **112.490**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:				*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*COD*	*DOC*	*ASUT*	*HGUT*	*ALUT*
81 01 22 1325		.3	1	0.760				25.000	45		0.001<	0.060<	0.067
81 03 09 0920		.3	1		387	103.0	31.50		15.152	6.1			
81 04 23 1000		.3	1		358	85.0	35.50		29	7.0			
81 05 13 0905		.3	1		247	60.0	23.50		37	7.7			
81 06 11 0855		.3	1		206	51.0	19.00		40	7.0			
81 07 28 0845		.3	1		206	56.0	16.00		22	5.9			
81 08 31 0920		.3	1		211	58.6	15.70		12	5.5			
81 09 24 0905		.3	1		154	42.8	11.50		22	6.9			
81 10 08 0925		.3	1		146	38.0	12.50		33	7.2			
81 11 05 0850		.3	1		214	61.0	15.00		8	6.6			
81 12 17 0815		.3	1		168	50.0	10.50		23	7.2			
MAXIMUM				**0.760**	**387**	**103.0**	**35.50**	**25.000**	**45**	**7.7**			**0.067**
ARITH MEAN				**0.760**	**230**	**60.5**	**19.07**	**25.000**	**26**	**6.7**			**0.067**
GEOM MEAN					**218**	**58.1**	**17.59**		**23**	**6.7**			
MINIMUM				**0.760**	**146**	**38.0**	**10.50**	**25.000**	**8**	**5.5**			**0.067**
STD DEV (GEOM *)					**81**	**19.6**	**8.53**		**11**	**0.7**			
# SAMPLES (IN STATISTICS)				**1**	**10**	**10**	**10**	**1**	**11**	**10**			**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
TEST-NAME:				*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*	*CCNAUR*	*P1PCBT*
81 01 22 1325		.3	1	0.004	0.012	0.064	0.006	0.004	0.730	0.006	0.005	0.010<	
81 03 09 0920		.3	1	0.004	0.003	0.003<	0.0002<	0.004		0.002 <			20<W
81 04 23 1000		.3	1	0.008	0.004	0.003<	0.0004	0.018		0.007			20<W
81 05 13 0905		.3	1	0.002 <	0.003	0.003<	0.0003	0.006		0.003			20<W
81 06 11 0855		.3	1	0.0080	0.007	0.009	0.0001<	0.025		0.0020			20<W
81 07 28 0845		.3	1	0.0080	0.005	0.003<	0.0002	0.017		0.0070			20<W
81 08 31 0920		.3	1	0.0020<	0.003	0.003<	0.0002	0.005		0.0020<			
81 09 24 0905		.3	1	0.0060	0.013	0.003<	0.0001	0.012		0.0040			20<W
81 10 08 0925		.3	1	0.0040	0.009	0.003<	0.0002	0.007		0.0040			20<W
81 11 05 0850		.3	1	0.0060	0.009	0.003<	0.0004	0.008		0.0040			
81 12 17 0815		.3	1	0.003	0.007	0.006	0.0001	0.002		0.004			20<W
MAXIMUM				**0.0080**	**0.013**	**0.064**	**0.006**	**0.025**	**0.730**	**0.0070**	**0.005**		
ARITH MEAN				**0.005**	**0.007**	**0.026**	**0.000**	**0.010**	**0.730**	**0.004**	**0.005**		
GEOM MEAN				**0.005**	**0.006**	**0.015**	**0.000**	**0.008**		**0.004**			
MINIMUM				**0.003**	**0.003**	**0.006**	**0.0001**	**0.002**	**0.730**	**0.0020**	**0.005**		
STD DEV (GEOM *)				**0.002**	**0.004**	**0.033**	**0.001**	**0.007**		**0.001**			
# SAMPLES (IN STATISTICS)				**9**	**11**	**3**	**9**	**11**	**1**	**9**	**1**		

B.O.W./ SITE: **LITTLE CATARAQUI CREEK**
SAMPLE POINT: **HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **LITTLE CATARAQUI CREEK**

STATION ID: **12-0002-004-02**
STORET CODE: **02 004 0010**

LAT: LONG: U T M: **18 0377400.0 4900800.0 4** REGION: **04** DISTANCE: **4.345**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 06 0830		.3	1	28506	0.0	3.0	0.060	720.0	5.70	300.0	7.40	1.000<	0.750
81 02 03 0830		.3	1	28515	0.0	4.0	0.042	850.0	5.90	270.0	7.60		0.900
81 03 05 1430		.3	1	28524	4.0	10.0						1.000<	
81 04 06 1100		.3	1	28533	8.0	8.0	0.064	560.0	4.40	198.0	8.00	1.000<	0.450
81 05 05 0900		.3	1	28542	14.0	5.0	0.108	540.0	16.00	198.0	8.30	1.000	1.500
81 06 09 0855		.3	1	28551	18.0	0.4	0.054	370.0	1.50	169.0	8.10		0.700
81 07 07 0855		.3	1	28560	24.0	1.0							
81 08 05 1340		.3	1	28569	22.0	4.0	0.200	540.0	12.00	214.0	7.50	1.000<	1.400
81 09 15 0845		.3	1	28578	15.0	4.0	0.066	495.0	4.20	211.0	7.90	1.000<	0.700
81 10 06 1415		.3	1	28587	11.0	7.0	0.054	540.0	1.60	237.0	7.90		0.500
81 11 03 1410		.3	1	28596	8.0	7.0	0.050	500.0	3.50	218.0	7.70		0.600
81 12 14 0910		.3	1	28605	1.0	5.0						1.000<	
MAXIMUM					**24.0**	**10.0**	**0.200**	**850.0**	**16.00**	**300.0**	**8.30**	**1.000**	**1.500**
ARITH MEAN					**12.5**	**4.9**	**0.078**	**568.3**	**6.09**	**223.9**	**7.82**	**1.000**	**0.833**
GEOM MEAN					**9.4**	**3.7**	**0.069**	**554.3**	**4.64**	**220.9**	**7.82**		**0.769**
MINIMUM					**1.0**	**0.4**	**0.042**	**370.0**	**1.50**	**169.0**	**7.40**	**1.000**	**0.450**
STD DEV (GEOM *)					**7.5**	**2.8**	**0.050**	**138.8**	**4.84**	**39.9**	**0.29**		**0.375**
# SAMPLES (IN STATISTICS)					**10**	**12**	**9**	**9**	**9**	**9**	**9**	**1**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 02 03 0830		3	1	0.001<	0.007	0.003<	0.014	0.005
81 03 05 1430		3	1	0.001<	0.001	0.003<	0.002	0.002<
81 04 06 1100		3	1	0.001<	0.007	0.003<	0.003	0.002<
81 05 05 0900		3	1	0.001<	0.028	0.003<	0.014	0.005
81 06 09 0855		3	1	0.001<	0.002	0.003<	0.003	0.003
81 07 07 0855		3	1	0.001<	0.004	0.003<	0.010	0.002<
81 08 05 1340		3	1	0.001<	0.004	0.012	0.001	0.004
81 09 15 0845		3	1	0.001<	0.079	0.003<	0.013	0.017
81 10 06 1415		3	1	0.001<	0.031	0.003<	0.004	0.001
81 11 03 1410		3	1	0.001<	0.022	0.003<	0.006	0.002
81 12 14 0910		3	1	0.001<	0.026	0.012	0.071	0.030
	MAXIMUM				**0.079**	**0.012**	**0.071**	**0.030**
	ARITH MEAN				**0.019**	**0.012**	**0.013**	**0.008**
	GEOM MEAN				**0.010**	**0.012**	**0.006**	**0.005**
	MINIMUM				**0.001**	**0.012**	**0.001**	**0.001**
	STD DEV (GEOM *)				**0.023**	**0.000**	**0.020**	**0.010**
	# SAMPLES (IN STATISTICS)				**11**	**2**	**11**	**8**

B.O.W./ SITE: **LITTLE CATARAQUI CREEK**
SAMPLE POINT: **AT RESERVOIR OUTLET DAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **LITTLE CATARAQUI CREEK**

STATION ID: **12-0002-008-02**
STORET CODE: **02 004 0010**

LAT: LONG: U.T.M: **18 0378300.0 4903600.0 4** REGION: **04** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 03 05 0800		3	1	28525	4.0	11.0						1.000<	
81 04 06 0800		3	1	28534	6.0	8.0	0.056	450.0	3.80	185.0	8.10	1.000<	0.350
81 05 05 0805		3	1	28543	14.0	13.0	0.028			149.0			0.200
81 06 09 0820		3	1	28552	19.0	8.0	0.104	500.0		203.0	7.00		0.650
81 07 07 0815		3	1	28561	24.0	8.0							
81 08 05 0805		3	1	28570	23.0	9.0	0.032	330.0	1.50	148.0	7.20	1.000<	0.150
81 09 15 0810		3	1	28579	17.0	8.0	0.020	375.0	1.50	169.0	7.90	1.000<	0.250
81 10 06 1230		3	1	28588	10.0	9.0	0.172	450.0	0.90	208.0	8.20		0.350
81 11 03 0815		3	1	28597	7.0	10.0	0.006	410.0	3.20	193.0	7.80		0.350
81 12 14 0825		3	1	28606	1.0	10.0						1.000<	
	MAXIMUM				**24.0**	**13.0**	**0.172**	**500.0**	**3.80**	**208.0**	**8.20**		**0.650**
	ARITH MEAN				**12.5**	**9.4**	**0.060**	**419.2**	**2.18**	**179.3**	**7.70**		**0.329**
	GEOM MEAN				**9.2**	**9.3**	**0.038**	**415.4**	**1.90**	**177.8**	**7.69**		**0.298**
	MINIMUM				**1.0**	**8.0**	**0.006**	**330.0**	**0.90**	**148.0**	**7.00**		**0.150**
	STD DEV (GEOM *)				**8.1**	**1.6**	**0.059**	**60.7**	**1.25**	**24.5**	**0.49**		**0.163**
	# SAMPLES (IN STATISTICS)				**10**	**10**	**7**	**6**	**5**	**7**	**6**		**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 05 0800		3	1	0.001<	0.001<	0.003<	0.002	0.002<
81 04 06 0800		3	1	0.001<	0.011	0.003<	0.002	0.002<
81 05 05 0805		3	1	0.001<	0.012	0.003<	0.002	0.002<
81 06 09 0820		3	1	0.001<	0.001<	0.003<	0.001 <	0.002<
81 07 07 0815		3	1	0.001<	0.001<	0.003<	0.001 <	0.002<
81 08 05 0805		3	1	0.001<	0.002	0.003<	0.0005<	0.001
81 09 15 0810		3	1	0.001<	0.014	0.003<	0.002	0.002
81 10 06 1230		3	1	0.001<	0.034	0.003<	0.001	0.001<
81 11 03 0815		3	1	0.001<	0.039	0.003<	0.005	0.002
81 12 14 0825		3	1	0.001<	0.006	0.004	0.003	0.002
	MAXIMUM				**0.039**	**0.004**	**0.005**	**0.002**
	ARITH MEAN				**0.017**	**0.004**	**0.002**	**0.002**
	GEOM MEAN				**0.012**		**0.002**	**0.002**
	MINIMUM				**0.002**	**0.004**	**0.001**	**0.001**
	STD DEV (GEOM *)				**0.014**		**0.001**	**0.000**
	# SAMPLES (IN STATISTICS)				**7**	**1**	**7**	**4**

B.O.W./ SITE: **CATARAQUI RIVER**
SAMPLE POINT: **HIGHWAY 2, KINGSTON (CENTRE)**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **CATARAQUI RIVER**

STATION ID: **12-0004-001-02**
STORET CODE: **02 005 1770**

LAT: LONG: U.T.M: **18 0382200.0 4890750.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*RSP*	*COND25*	*TURB*	*ALKT*
81 02 03 1005		3	1	28509		0.0	5.0	0.052	0.100	1.00	250.0		102.0
81 03 05 0950		3	1	28518		2.0	13.0						
81 04 06 0900		3	1	28527		8.0	9.0	0.044	0.030	9.00	240.0		86.0
81 05 05 1225		3	1	28536		12.0	10.0	0.180	0.050	3.00	285.0		93.0
81 06 09 1025		3	1	28545		17.0	9.0	0.044	0.100	5.00	260.0		92.0
81 07 07 1030		3	1	28554		24.0	8.0						
81 08 05 0840		3	1	28563		23.0	7.0	0.064	0.290	5.00	215.0		76.0
81 09 15 1015		3	1	28572		19.0	9.0	0.056	0.050	6.00	200.0	2.60	89.0
81 10 06 0815		3	1	28581		10.0	9.0	0.660	0.130	3.00	205.0		93.0

(CONTD)

B.O.W./ SITE: **CATARAQUI RIVER**
SAMPLE POINT: **HIGHWAY 2, KINGSTON (CENTRE)**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **CATARAQUI RIVER**

STATION ID: **12-0004-001-02**
STORET CODE: **02 005 1770**

LAT: LONG: U T M: **18 0382200.0 4890750.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*RSP*	*COND25*	*TURB*	*ALKT*
81 11 03 0900		3	1	28590		7.0	10.0	0.026	0.040		215.0		95.0
81 12 14 1100		3	1	28599	9	1.0	10.0						
MAXIMUM						**24.0**	**13.0**	**0.660**	**0.290**	**9.00**	**285.0**	**2.60**	**102.0**
ARITH MEAN						**12.3**	**9.0**	**0.141**	**0.099**	**4.57**	**233.7**	**2.60**	**90.7**
GEOM MEAN						**8.7**	**8.8**	**0.076**	**0.076**	**3.83**	**232.1**		**90.5**
MINIMUM						**1.0**	**5.0**	**0.026**	**0.030**	**1.00**	**200.0**	**2.60**	**76.0**
STD DEV (GEOM *)						**8.2**	**2.0**	**0.215**	**0.085**	**2.57**	**30.0**		**7.6**
# SAMPLES (IN STATISTICS)						**10**	**11**	**8**	**8**	**7**	**8**	**1**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 03 1005		3	1	7.50		0.050<	0.008	0.003<	0.003
81 03 05 0950		3	1		1.000<		0.003	0.003<	0.007
81 04 06 0900		3	1	7.90	1.000<	0.450	0.028	0.004	0.008
81 05 05 1225		3	1	8.00		0.200	0.012	0.003<	0.002
81 06 09 1025		3	1	8.00		0.650	0.002	0.003<	0.003
81 07 07 1030		3	1				0.003	0.003<	0.003
81 08 05 0840		3	1	7.80	1.000<	0.300	0.013	0.005	0.010
81 09 15 1015		3	1	7.80	1.000	0.250	0.019	0.003<	0.004
81 10 06 0815		3	1	7.70		0.350	0.180	0.003<	0.006
81 11 03 0900		3	1	7.70		0.150	0.012	0.003<	0.006
81 12 14 1100		3	1		1.000<		0.028	0.003<	0.006
MAXIMUM				**8.00**	**1.000**	**0.650**	**0.180**	**0.005**	**0.010**
ARITH MEAN				**7.80**	**1.000**	**0.336**	**0.028**	**0.004**	**0.005**
GEOM MEAN				**7.80**		**0.302**	**0.012**	**0.004**	**0.005**
MINIMUM				**7.50**	**1.000**	**0.150**	**0.002**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.17**		**0.170**	**0.051**	**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**8**	**1**	**7**	**11**	**2**	**11**

B.O.W./ SITE: **CATARAQUI RIVER**
SAMPLE POINT: **AT DAM, KINGSTON MILLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **CATARAQUI RIVER**

STATION ID: **12-0004-002-02**
STORET CODE: **02 005 1770**

LAT: LONG: U T M: **18 0385025.0 4905300.0 4** REGION: **04** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*SAMPLE*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*COND25*
81 01 06 1330		3	1	28501	4<	4<	0.0	5.0	0.1<	0.016		0.060	235.0
81 02 03 1355		3	1	28510	4<	4<	0.0	4.0	0.2	0.028		0.110	230.0
81 03 05 1015		3	1	28519			3.0	10.0	1.0<	0.014		0.030	200.0
81 04 06 1130		3	1	28528	4	4<	7.0	10.0	1.0<	0.032		0.030	190.0
81 05 05 1335		3	1	28537	4<	12	12.0	7.0	0.8	0.040		0.050	215.0
81 06 09 1345		3	1	28546	4<	4<	20.0	8.0	1.0	0.032		0.070	215.0
81 07 07 1345		3	1	28555			25.0	9.0					
81 08 05 1200		3	1	28564	64	128	22.0	7.0	3.0	0.060		0.330	155.0
81 09 15 1410		3	1	28573	4	4<	19.0	9.0	2.6	0.050		0.030	190.0
81 10 06 1125		3	1	28582	4<	4<	11.0	9.0	1.0	0.160	0.124	0.160	200.0
81 11 03 1210		3	1	28591	4<	4<	8.0	10.0	1.3	0.026		0.030	210.0
81 12 14 1410		3	1	28600			1.0	8.0					
MAXIMUM					**64**	**128**	**25.0**	**10.0**	**3.0**	**0.160**	**0.124**	**0.330**	**235.0**
ARITH MEAN					**24**	**70**	**12.8**	**8.0**	**1.4**	**0.046**	**0.124**	**0.090**	**204.0**
GEOM MEAN					**10**	**39**	**9.3**	**7.7**	**1.1**	**0.036**		**0.063**	**202.8**
MINIMUM					**4**	**12**	**1.0**	**4.0**	**0.2**	**0.014**	**0.124**	**0.030**	**155.0**
STD DEV (GEOM *)					**5***	**5***	**8.3**	**2.0**	**1.0**	**0.043**		**0.094**	**22.9**
# SAMPLES (IN STATISTICS)					**3**	**2**	**10**	**12**	**7**	**10**	**1**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*CUUT*	*PBUT*	*ZNUT*
81 01 06 1330		3	1	0.75	6.300	100.0	7.30	1.000<			
81 02 03 1355		3	1	0.60	6.000	97.0	7.40		0.009	0.003<	0.006
81 03 05 1015		3	1	3.50	7.500	76.0	7.70		0.002	0.003<	0.005
81 04 06 1130		3	1	3.00	6.800	76.0	7.70		0.010	0.003<	0.003
81 05 05 1335		3	1	2.80	8.000	88.0	7.90		0.001	0.003<	0.001<
81 06 09 1345		3	1	2.50	7.500	96.0	8.10		0.002	0.003<	0.002
81 07 07 1345		3	1						0.001<	0.003<	0.001<
81 08 05 1200		3	1	4.50	6.800	62.0	7.90		0.003	0.003<	0.003
81 09 15 1410		3	1	2.30	6.000	89.0	7.70		0.025	0.003<	0.004
81 10 06 1125		3	1	1.70	6.000	92.0	7.80		0.037	0.003<	0.004
81 11 03 1210		3	1	2.60	5.000	96.0	7.70		0.023	0.004	0.004
81 12 14 1410		3	1						0.046	0.003<	0.006
MAXIMUM				**4.50**	**8.000**	**100.0**	**8.10**		**0.046**	**0.004**	**0.006**
ARITH MEAN				**2.42**	**6.590**	**87.2**	**7.72**		**0.016**	**0.004**	**0.004**
GEOM MEAN				**2.08**	**6.533**	**86.4**	**7.72**		**0.008**		**0.004**
MINIMUM				**0.60**	**5.000**	**62.0**	**7.30**		**0.001**	**0.004**	**0.002**
STD DEV (GEOM *)				**1.19**	**0.906**	**12.1**	**0.23**		**0.016**		**0.001**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**		**10**	**1**	**9**

B.O.W./ SITE: **GANANOQUE RIVER**
SAMPLE POINT: **AT RR TRESTLE CANADIAN STEEL GANANOQUE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **GANANOQUE RIVER**

STATION ID: **12-0017-001-02**
STORET CODE: **02 005 1280**

LAT: LONG: U.T.M: **18 0406850.0 4908850.0 4** REGION: **04** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*
81 01 06 1035		.3	1	28504		680	96	0.0	4.0	0.1	0.070	0.070	270.0
81 02 03 1055		.3	1	28513		104	36	0.0	5.0	0.5	0.056	0.080	255.0
81 03 05 1300		.3	1	28522				3.0	8.0	1.0<	0.118	0.010	240.0
81 04 06 1230		.3	1	28531		100	4	10.0	7.0	1.0<	0.042	0.010	255.0
81 05 05 1055		.3	1	28540		24	8	15.0	10.0	0.8	0.046		250.0
81 06 09 1100		.3	1	28549		104	4	20.0	6.0	1.0	0.058	0.070	235.0
81 07 07 1105		.3	1	28558				25.0	4.0				
81 08 05 0925		.3	1	28567	9	1960	28	22.0	5.0	1.0	0.064	0.120	240.0
81 09 15 1050		.3	1	28576		236	140	19.0	5.0	0.3	0.074	0.050	235.0
81 10 06 0845		.3	1	28585		24	12	12.0	8.0	0.7	0.042	0.050	240.0
81 11 03 0935		.3	1	28594		56	4<	8.0	8.0	0.5	0.030	0.020	235.0
81 12 14 1125		.3	1	28603				0.0	9.0				
MAXIMUM						**1960**	**140**	**25.0**	**10.0**	**1.0**	**0.118**	**0.120**	**270.0**
ARITH MEAN						**365**	**41**	**14.9**	**6.6**	**0.6**	**0.060**	**0.053**	**245.5**
GEOM MEAN						**130**	**19**	**12.8**	**6.3**	**0.5**	**0.056**	**0.040**	**245.3**
MINIMUM						**24**	**4**	**3.0**	**4.0**	**0.1**	**0.030**	**0.010**	**235.0**
STD DEV (GEOM *)						**4***	**4***	**7.2**	**2.0**	**0.3**	**0.025**	**0.036**	**11.7**
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**12**	**8**	**10**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*CUUT*	*PBUT*	*ZNUT*
81 01 06 1035		.3	1	1.30	7.500	117.0	7.30	1.000<			
81 02 03 1055		.3	1	1.50	7.800	109.0	7.70		0.017	0.003<	0.005
81 03 05 1300		.3	1	6.00	7.300	98.0	8.20		0.001<	0.003<	0.002
81 04 06 1230		.3	1	2.10	9.500	109.0	8.00		0.004	0.003<	0.004
81 05 05 1055		.3	1	1.90	8.800	113.0	8.20		0.001	0.003<	0.004
81 06 09 1100		.3	1	2.40	6.500	110.0	7.70		0.003	0.003<	0.003
81 07 07 1105		.3	1						0.002	0.003<	0.005
81 08 05 0925		.3	1	4.00	7.500	106.0	7.50		0.003	0.003<	0.006
81 09 15 1050		.3	1	2.90	7.000	112.0	7.50		0.026	0.003<	0.008
81 10 06 0845		.3	1	0.78	7.000	115.0	7.70		0.023	0.003<	0.004
81 11 03 0935		.3	1	2.20	6.000	110.0	6.90		0.017	0.003<	0.004
81 12 14 1125		.3	1						0.026	0.003<	0.007
MAXIMUM				**6.00**	**9.500**	**117.0**	**8.20**		**0.026**		**0.008**
ARITH MEAN				**2.51**	**7.490**	**109.9**	**7.67**		**0.012**		**0.005**
GEOM MEAN				**2.16**	**7.428**	**109.8**	**7.66**		**0.007**		**0.004**
MINIMUM				**0.78**	**6.000**	**98.0**	**6.90**		**0.001**		**0.002**
STD DEV (GEOM *)				**1.52**	**1.031**	**5.3**	**0.40**		**0.011**		**0.002**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**		**10**		**11**

B.O.W./ SITE: **GANANOQUE RIVER**
SAMPLE POINT: **HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **GANANOQUE RIVER**

STATION ID: **12-0017-004-02**
STORET CODE: **02 005 1280**

LAT: LONG: U.T.M: **18 0405150.0 4912400.0 4** REGION: **04** DISTANCE: **6.115**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 06 1305		.3	1	28505	0.0	6.0	0.034	290.0	1.70	116.0	7.20	1.000<	0.200
81 02 03 1330		.3	1	28514	0.0	4.0	0.032	240.0	1.10	106.0	7.50		0.100
81 03 05 1100		.3	1	28523	3.0	11.0						1.000<	
81 04 06 1200		.3	1	28532	10.0	9.0	0.028	230.0	1.60	101.0	7.80	1.000<	0.150
81 05 05 1305		.3	1	28541	15.0	9.0	0.028	240.0	1.70	108.0	7.90	1.000	0.150
81 06 09 1315		.3	1	28550	20.0	7.0	0.042	225.0	1.50	105.0	7.60		0.200
81 07 07 1325		.3	1	28559	25.0	6.0							
81 08 05 1130		.3	1	28568	22.0	5.0	0.034	230.0	0.82	105.0	7.50	1.000<	0.100
81 09 15 1110		.3	1	28577	19.0	6.0	0.026	240.0	1.50	117.0	7.70	1.000<	0.200
81 10 06 1100		.3	1	28586	12.0	6.0	0.044	230.0	0.62	113.0	7.70		0.250
81 11 03 1145		.3	1	28595	8.0	9.0	0.026	230.0	1.50	112.0	7.60		0.300
81 12 14 1345		.3	1	28604	1.0	7.0						1.000<	
MAXIMUM					**25.0**	**11.0**	**0.044**	**290.0**	**1.70**	**117.0**	**7.90**	**1.000**	**0.300**
ARITH MEAN					**13.5**	**7.1**	**0.033**	**239.4**	**1.34**	**109.2**	**7.61**	**1.000**	**0.183**
GEOM MEAN					**9.9**	**6.8**	**0.032**	**238.8**	**1.27**	**109.1**	**7.61**		**0.172**
MINIMUM					**1.0**	**4.0**	**0.026**	**225.0**	**0.62**	**101.0**	**7.20**	**1.000**	**0.100**
STD DEV (GEOM *)					**8.1**	**2.0**	**0.007**	**19.8**	**0.40**	**5.5**	**0.20**		**0.066**
# SAMPLES (IN STATISTICS)					**10**	**12**	**9**	**9**	**9**	**9**	**9**	**1**	**9**

(CONTD)

B.O.W./ SITE: **GANANOQUE RIVER**
SAMPLE POINT: **HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **GANANOQUE RIVER**

STATION ID: **12-0017-004-02**
STORET CODE: **02 005 1280**

LAT: LONG: U.T.M: **18 0405150.0 4912400.0 4** REGION: **04** DISTANCE: **6.115**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 03 1330		.3	1	0.001<	0.014	0.003<	0.011	0.004
81 03 05 1100		.3	1	0.001<	0.001<	0.003<	0.003	0.002<
81 04 06 1200		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 05 05 1305		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 06 09 1315		.3	1	0.001<	0.003	0.003<	0.002	0.002<
81 07 07 1325		.3	1	0.001<	0.002	0.003<	0.002	0.002<
81 08 05 1130		.3	1	0.001<	0.022	0.003<	0.003	0.001
81 09 15 1110		.3	1	0.001<	0.024	0.003<	0.007	0.002
81 10 06 1100		.3	1	0.001<	0.027	0.003	0.002	0.001<
81 11 03 1145		.3	1	0.001<	0.018	0.003<	0.004	0.001
81 12 14 1345		.3	1	0.001<	0.030	0.003<	0.004	0.001
		MAXIMUM			**0.030**	**0.003**	**0.011**	**0.004**
		ARITH MEAN			**0.017**	**0.003**	**0.004**	**0.002**
		GEOM MEAN			**0.013**		**0.004**	**0.002**
		MINIMUM			**0.002**	**0.003**	**0.002**	**0.001**
		STD DEV (GEOM *)			**0.011**		**0.003**	**0.001**
		# SAMPLES (IN STATISTICS)			**8**	**1**	**9**	**5**

B.O.W./ SITE: **BUTLERS CREEK**
SAMPLE POINT: **HIGHWAY 2, BROCKVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST. LAWRENCE RIVER**
TERM STREAM: **BUTLERS CREEK**

STATION ID: **12-0034-001-02**
STORET CODE: **02 005 0840**

LAT: LONG: U.T.M: **18 0445100.0 4936980.0 4** REGION: **04** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH
81 01 06 1205		.3	1	28508	4.0	5.0	0.260	2.250	21.00	580.0		170.0	8.10
81 02 03 1230		.3	1	28517	0.0	4.0	0.164	0.350	11.00	800.0		134.0	7.30
81 04 06 1330		.3	1	28535	9.0	7.0	0.064	0.010<	6.00	620.0		188.0	8.00
81 05 05 1205		.3	1	28544	16.0	10.0	0.144	0.090	5.00	500.0		160.0	8.10
81 06 09 1220		.3	1	28553	19.0	7.0	0.126	0.110	14.00	560.0		179.0	7.90
81 08 05 1020		.3	1	28571	22.0	4.0	0.160	0.090	21.00	405.0		129.0	7.40
81 09 15 1230		.3	1	28580	20.0	6.0	0.162	0.130	15.00	485.0	4.00	156.0	7.90
81 10 06 1000		.3	1	28589	11.0	8.0	0.074	0.070	8.00	410.0		159.0	8.00
81 11 03 1050		.3	1	28598	7.0	8.0	0.046	0.040		400.0		158.0	7.80
81 12 14 1245		.3	1	28607	0.0	10.0							
		MAXIMUM			**22.0**	**10.0**	**0.260**	**2.250**	**21.00**	**800.0**	**4.00**	**188.0**	**8.10**
		ARITH MEAN			**13.5**	**6.9**	**0.133**	**0.391**	**12.62**	**528.9**	**4.00**	**159.2**	**7.83**
		GEOM MEAN			**11.8**	**6.6**	**0.118**	**0.150**	**11.18**	**516.0**		**158.2**	**7.83**
		MINIMUM			**4.0**	**4.0**	**0.046**	**0.040**	**5.00**	**400.0**	**4.00**	**129.0**	**7.30**
		STD DEV (GEOM *)			**6.7**	**2.2**	**0.066**	**0.757**	**6.25**	**129.5**		**19.0**	**0.29**
		# SAMPLES (IN STATISTICS)			**8**	**10**	**9**	**8**	**8**	**9**	**1**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 06 1205		.3	1	1.000<	0.250			
81 02 03 1230		.3	1		0.400	0.150	0.020	0.046
81 04 06 1330		.3	1		0.400			
81 05 05 1205		.3	1	1.000	0.350			
81 06 09 1220		.3	1		0.900			
81 08 05 1020		.3	1	3.000	1.750			
81 09 15 1230		.3	1	1.000<	0.650			
81 10 06 1000		.3	1		0.650			
81 11 03 1050		.3	1		0.450			
81 12 14 1245		.3	1	1.000<				
		MAXIMUM		**3.000**	**1.750**	**0.150**	**0.020**	**0.046**
		ARITH MEAN		**2.000**	**0.644**	**0.150**	**0.020**	**0.046**
		GEOM MEAN		**1.732**	**0.544**			
		MINIMUM		**1.000**	**0.250**	**0.150**	**0.020**	**0.046**
		STD DEV (GEOM *)		**1.414**	**0.459**			
		# SAMPLES (IN STATISTICS)		**2**	**9**	**1**	**1**	**1**

B.O.W./ SITE: **RAISIN RIVER**
SAMPLE POINT: **1ST.BEND DOWNSTREAM FROM WILLIAMSTOWN**
STATION TYPE: **RIVER FLOW GAUGE FED 02MC001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-003-02**
STORET CODE: **02 005 0250**

LAT: LONG: U T M: **18 0533300.0 4998750.0 4** REGION: **04** DISTANCE: **9.495**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 26 1130		.3	1	29909	0.795	1.0	10.0	0.070	520.0	15.00	218.0	7.80	
81 02 24 1125		.3	1	29900	46.400	4.0	10.0						1.000<
81 03 24 1120		.3	1	29976	2.680	4.0	11.0	0.024	455.0	3.70	189.0	8.10	1.000<
81 04 28 1110		.3	1	29985	3.400	11.0	12.0		420.0	7.30	184.0	8.30	1.000<
81 06 01 1050		.3	1	29918	4.830	20.0	9.0	0.062	425.0	15.00	194.0	7.90	1.000<
81 06 29 1045		.3	1	29927	3.350	20.0	10.0	0.068	430.0	15.00	216.0	7.90	
81 07 28 1000		.3	1	29994	0.372	23.0	7.0						
81 08 24 1030		.3	1	29936	0.693	20.0	8.0	0.025	460.0	2.70	213.0	8.10	
81 09 29 1100		.3	1	29945	6.850	11.0	8.0	0.076	490.0	5.70	219.0	7.80	1.000<
81 10 27 1055		.3	1	29954	20.300	7.0	9.0	0.122	455.0	17.00	203.0	7.60	1.000<
81 11 24 1100		.3	1	29963	11.100	1.0	13.0	0.026	450.0	6.20	193.0	7.90	1.000<
81 12 21 1100		.3	1	29973	1.220	1.0	13.0						1.000<
MAXIMUM					**46.400**	**23.0**	**13.0**	**0.122**	**520.0**	**17.00**	**219.0**	**8.30**	
ARITH MEAN					**8.499**	**10.2**	**10.0**	**0.059**	**456.1**	**9.73**	**203.2**	**7.93**	
GEOM MEAN					**3.429**	**6.1**	**9.8**	**0.051**	**455.1**	**8.09**	**202.8**	**7.93**	
MINIMUM					**0.372**	**1.0**	**7.0**	**0.024**	**420.0**	**2.70**	**184.0**	**7.60**	
STD DEV (GEOM *)					**13.227**	**8.5**	**2.0**	**0.034**	**32.1**	**5.66**	**13.6**	**0.21**	
# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**8**	**9**	**9**	**9**	**9**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 26 1130		.3	1	1.200						
81 02 24 1125		.3	1			0.001<	0.001<	0.003<	0.042	0.003
81 03 24 1120		.3	1	0.450		0.001<	0.002	0.003<	0.003	0.002<
81 04 28 1110		.3	1	1.400		0.001<	0.001<	0.010	0.013	0.002<
81 06 01 1050		.3	1	1.450		0.001<	0.006	0.003<	0.003	0.002
81 06 29 1045		.3	1	0.850		0.001<	0.003	0.003<	0.010	0.002<
81 07 28 1000		.3	1			0.001<	0.037	0.009	0.009	0.003
81 08 24 1030		.3	1	0.650	110.000	0.001<	0.026	0.008	0.010	0.003
81 09 29 1100		.3	1	1.100		0.001<	0.034	0.003<	0.011	0.002
81 10 27 1055		.3	1	1.100		0.001<	0.009	0.003	0.012	0.001<
81 11 24 1100		.3	1	0.550		0.001<	0.002	0.003<	0.002	0.002<
81 12 21 1100		.3	1			0.001<	0.013	0.006	0.005	0.004
MAXIMUM				**1.450**	**110.000**		**0.037**	**0.010**	**0.042**	**0.004**
ARITH MEAN				**0.972**	**110.000**		**0.015**	**0.007**	**0.011**	**0.003**
GEOM MEAN				**0.904**			**0.009**	**0.007**	**0.008**	**0.003**
MINIMUM				**0.450**	**110.000**		**0.002**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)				**0.365**			**0.014**	**0.003**	**0.011**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**1**		**9**	**5**	**11**	**6**

B.O.W./ SITE: **RAISIN RIVER**
SAMPLE POINT: **1ST.BRIDGE DOWNSTREAM FROM ST.ANDREWS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-008-02**
STORET CODE: **02 005 0250**

LAT: LONG: U T M: **18 0517850.0 4994950.0 4** REGION: **04** DISTANCE: **32.669**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*RSP*	*COND25*	*TURB*	*ALKT*
81 01 26 1010		.3	1	29910	4	1.0	11.0	0.086	0.210	16.00	480.0	13.00	192.0
81 02 24 0945		.3	1	29901		3.0	12.0						
81 03 24 0950		.3	1	29973		4.0	11.0	0.028	0.070	8.00	420.0	3.50	159.0
81 04 28 0930		.3	1	29982		11.0	10.0	0.042	0.040	14.00	400.0	14.00	166.0
81 06 01 0945		.3	1	29919		20.0	9.0	0.058	0.010<	18.00	415.0	15.00	177.0
81 06 29 0930		.3	1	29928		21.0	7.0	0.062	0.020	18.00	385.0	15.00	182.0
81 07 28 0910		.3	1	29991		19.0	8.0						
81 08 24 0915		.3	1	29937		20.0	20.0	0.055	0.010	24.00	450.0	9.00	192.0
81 09 29 0945		.3	1	29946		10.0	9.0	0.038	0.010<		450.0	3.20	240.0
81 10 27 0920		.3	1	29955		7.0	10.0	0.094	0.010		405.0	14.00	167.0
81 11 24 0950		.3	1	29964		0.0	12.0	0.058	0.010<		410.0	6.70	168.0
81 12 21 0915		.3	1	29970	4	1.0	12.0						
MAXIMUM						**21.0**	**20.0**	**0.094**	**0.210**	**24.00**	**480.0**	**15.00**	**240.0**
ARITH MEAN						**10.6**	**10.9**	**0.058**	**0.060**	**16.33**	**423.9**	**10.38**	**182.6**
GEOM MEAN						**6.8**	**10.5**	**0.054**	**0.032**	**15.51**	**423.0**	**9.00**	**181.2**
MINIMUM						**1.0**	**7.0**	**0.028**	**0.010**	**8.00**	**385.0**	**3.20**	**159.0**
STD DEV (GEOM *)						**8.1**	**3.3**	**0.021**	**0.077**	**5.28**	**30.1**	**4.87**	**24.5**
# SAMPLES (IN STATISTICS)						**11**	**12**	**9**	**6**	**6**	**9**	**9**	**9**

(CONTD)

B.O.W./ SITE: **RAISIN RIVER**
SAMPLE POINT: **1ST.BRIDGE DOWNSTREAM FROM ST.ANDREWS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-008-02**
STORET CODE: **02 005 0250**

LAT: LONG: U.T.M: **18 0517850.0 4994950.0 4** REGION: **04** DISTANCE: **32.669**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
TEST-NAME:				PH	PHNOL	FEUT	COLAP	ASUT	HGUT	CRUT	CUUT	PBUT	CDUT
81 01 26 1010		.3	1	7.60		0.100		0.001<	0.090	0.008	0.004	0.003<	0.0004
81 02 24 0945		.3	1		1.000<			0.001<		0.005	0.001<	0.003<	0.0002<
81 03 24 0950		.3	1	7.80	1.000<	0.650		0.001<					
81 04 28 0930		.3	1	8.30	1.000<	0.750		0.001<		0.002<	0.001<	0.003<	0.0002<
81 06 01 0945		.3	1	7.90	1.000<	1.150		0.001<		0.006	0.004	0.003<	0.0001<
81 06 29 0930		.3	1	7.80		0.900		0.001<		0.002<	0.004	0.003<	0.001 <
81 07 28 0910		.3	1					0.001<		0.003	0.017	0.005<	0.0001<
81 08 24 0915		.3	1	7.90		1.650	9.000	0.001<		0.001	0.076	0.003<	0.0001<
81 09 29 0945		.3	1	7.90	1.000<	0.800		0.001<		0.002<	0.024	0.003<	0.0002<
81 10 27 0920		.3	1	7.60		0.500		0.001<		0.003	0.005	0.003<	0.0001<
81 11 24 0950		.3	1	7.80		0.850		0.001<		0.002	0.025	0.003<	0.0002<
81 12 21 0915		.3	1		1.000<			0.001<		0.003	0.005	0.007	0.0002
MAXIMUM				**8.30**		**1.650**	**9.000**		**0.090**	**0.008**	**0.076**	**0.007**	**0.0004**
ARITH MEAN				**7.84**		**0.817**	**9.000**		**0.090**	**0.004**	**0.018**	**0.007**	**0.0003**
GEOM MEAN				**7.84**		**0.673**				**0.003**	**0.010**		**0.0003**
MINIMUM				**7.60**		**0.100**	**9.000**		**0.090**	**0.001**	**0.004**	**0.007**	**0.0002**
STD DEV (GEOM *)				**0.21**		**0.427**				**0.002**	**0.023**		**0.0001**
# SAMPLES (IN STATISTICS)				**9**		**9**	**1**		**1**	**8**	**9**	**1**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				ZNUT	CCNAUR
81 01 26 1010		.3	1	0.008	
81 02 24 0945		.3	1	0.016	
81 04 28 0930		.3	1	0.009	
81 06 01 0945		.3	1	0.003	
81 06 29 0930		.3	1	0.010	
81 07 28 0910		.3	1	0.007	
81 08 24 0915		.3	1	0.010	
81 09 29 0945		.3	1	0.008	
81 10 27 0920		.3	1	0.008	0.010<
81 11 24 0950		.3	1	0.006	
81 12 21 0915		.3	1	0.007	
MAXIMUM				**0.016**	
ARITH MEAN				**0.008**	
GEOM MEAN				**0.008**	
MINIMUM				**0.003**	
STD DEV (GEOM *)				**0.003**	
# SAMPLES (IN STATISTICS)				**11**	

B.O.W./ SITE: **RAISIN RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 18 EAST OF LUNENBURG**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-010-02**
STORET CODE: **02 005 0250**

LAT: LONG: U.T.M: **18 0504675.0 4989350.0 4** REGION: **04** DISTANCE: **56.004**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	PPUT	COND25	TURB	ALKT	PH	PHNOL
81 01 26 0930		.3	1	29911	4	1.0	11.0	0.082	435.0	4.40	159.0	7.30	
81 02 24 0830		.3	1	29902		3.0	11.0						1.000<
81 03 24 0910		.3	1	29972		3.0	10.0	0.026	355.0	2.30	137.0	7.80	1.000<
81 04 28 0855		.3	1	29981		11.0	10.0		290.0	3.40	118.0	8.00	1.000<
81 06 01 0910		.3	1	29920		17.0	8.0	0.042	320.0	3.30	145.0	7.90	1.000<
81 06 29 0915		.3	1	29929		20.0	8.0	0.064	320.0	2.50	153.0	7.70	
81 07 28 0845		.3	1	29990		19.0	8.0						
81 08 24 0845		.3	1	29938		19.0	10.0	0.035	360.0	1.70	157.0	8.80	
81 09 29 0915		.3	1	29947		10.0	10.0	0.040	405.0	1.70	173.0	7.80	1.000<
81 10 27 0840		.3	1	29956		7.0	9.0	0.056	370.0	3.70	161.0	7.50	1.000<
81 11 24 0920		.3	1	29965		0.0	12.0	0.052	340.0	3.80	142.0	7.60	1.000<
81 12 21 0840		.3	1	29969	4	1.0	10.0						1.000<
MAXIMUM						**20.0**	**12.0**	**0.082**	**435.0**	**4.40**	**173.0**	**8.80**	
ARITH MEAN						**10.1**	**9.7**	**0.050**	**355.0**	**2.98**	**149.4**	**7.82**	
GEOM MEAN						**6.5**	**9.7**	**0.047**	**352.5**	**2.83**	**148.6**	**7.81**	
MINIMUM						**1.0**	**8.0**	**0.026**	**290.0**	**1.70**	**118.0**	**7.30**	
STD DEV (GEOM *)						**7.6**	**1.3**	**0.018**	**44.8**	**0.97**	**16.1**	**0.42**	
# SAMPLES (IN STATISTICS)						**11**	**12**	**8**	**9**	**9**	**9**	**9**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE (FEUT)	COLOUR APPARENT HZU (COLAP)	ARSENIC UNF.TOT. MG/L AS AS (ASUT)	COPPER UNF.TOT. MG/L AS CU (CUUT)	LEAD UNF.TOT. MG/L AS PB (PBUT)	ZINC UNF.TOT. MG/L AS ZN (ZNUT)	NICKEL UNF.TOT. MG/L AS NI (NIUT)
81 01 26 0930		.3	1	1.300						
81 02 24 0830		.3	1			0.001<	0.001<	0.003<	0.009	0.002<
81 03 24 0910		.3	1	0.550		0.001<				
81 04 28 0855		.3	1	0.650		0.001<	0.003	0.003<	0.009	0.002<
81 06 01 0910		.3	1	0.450		0.001<	0.004	0.003<	0.003	0.002
81 06 29 0915		.3	1	0.600		0.001<	0.002	0.003<	0.010	0.002<
81 07 28 0845		.3	1			0.001<	0.069	0.009	0.010	0.010
81 08 24 0845		.3	1	1.450	228.000	0.001<	0.039	0.016	0.011	0.003
81 09 29 0915		.3	1	0.900		0.001<	0.021	0.003<	0.007	0.002<
81 10 27 0840		.3	1	1.300		0.001<	0.008	0.003<	0.014	0.004
81 11 24 0920		.3	1	0.500		0.001<	0.001	0.003<	0.004	0.002<
81 12 21 0840		.3	1			0.001<	0.003	0.013	0.009	0.003
MAXIMUM				**1.450**	**228.000**		**0.069**	**0.016**	**0.014**	**0.010**
ARITH MEAN				**0.856**	**228.000**		**0.017**	**0.013**	**0.009**	**0.004**
GEOM MEAN				**0.780**			**0.007**	**0.012**	**0.008**	**0.004**
MINIMUM				**0.450**	**228.000**		**0.001**	**0.009**	**0.003**	**0.002**
STD DEV (GEOM *)				**0.394**			**0.023**	**0.004**	**0.003**	**0.003**
# SAMPLES (IN STATISTICS)				**9**	**1**		**9**	**3**	**10**	**5**

B.O.W./SITE: **NORTH RAISIN RIVER**
SAMPLE POINT: **AT FIRST UPSTREAM OF MARTINTOWN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-011-02**
STORET CODE: **02 005 0250**

LAT. LONG. U.T.M. **18 0520800.0 4999425.0 4** REGION: **04** DISTANCE: **25.266**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER (SAMPLE)	WATER TEMP DEG.C (FWTEMP)	DISOLVED OXYGEN MG/L AS O (DO)	PHOSPHOR UNF.TOT. MG/L AS P (PPUT)	CONDUCT. 25C UMHO/CM AT 25 C (COND25)	TURB'ITY FTU (TURB)	ALK TOTAL MG/L AS CACO3 (ALKT)	PH (PH)	PHENOLS UNF-REAC UG/L PHENOL (PHNOL)	IRON UNF.TOT. MG/L AS FE (FEUT)
81 01 26 1045		.3	1	29912	1.0	11.0	0.034	520.0	5.60	225.0	7.80		0.700
81 02 24 1010		.3	1	29903	3.0	11.0						1.000<	
81 03 24 1020		.3	1	29974	4.0	13.0	0.150	720.0	4.60	234.0	7.80	1.000<	0.600
81 04 28 1030		.3	1	29983	11.0	12.0	0.026	425.0	3.80	188.0	8.30	1.000<	0.400
81 06 01 1005		.3	1	29921	21.0	10.0	0.034	440.0	4.20	209.0	8.00	1.000<	0.450
81 06 29 1005		.3	1	29930	20.0	8.0	0.048	460.0	4.00	232.0	7.90		0.350
81 07 28 0930		.3	1	29992	21.0	7.0							
81 08 24 0945		.3	1	29939	21.0	8.0	0.010	520.0	1.60	260.0	8.10		0.650
81 09 29 1005		.3	1	29948	10.0	11.0	0.034	495.0	2.30	239.0	8.00	1.000<	0.550
81 10 27 0945		.3	1	29957	7.0	10.0	0.052	435.0	4.70	206.0	7.70	1.000<	1.000
81 11 24 1015		.3	1	29966	1.0	11.0	0.024	460.0	4.30	201.0	7.80	1.000<	0.400
81 12 21 0945		.3	1	29971	1.0	12.0						1.000<	
MAXIMUM					**21.0**	**13.0**	**0.150**	**720.0**	**5.60**	**260.0**	**8.30**		**1.000**
ARITH MEAN					**10.1**	**10.3**	**0.046**	**497.2**	**3.90**	**221.6**	**7.93**		**0.567**
GEOM MEAN					**5.9**	**10.2**	**0.036**	**491.0**	**3.68**	**220.6**	**7.93**		**0.538**
MINIMUM					**1.0**	**7.0**	**0.010**	**425.0**	**1.60**	**188.0**	**7.70**		**0.350**
STD DEV (GEOM *)					**8.5**	**1.8**	**0.041**	**90.7**	**1.23**	**22.4**	**0.19**		**0.203**
# SAMPLES (IN STATISTICS)					**12**	**12**	**9**	**9**	**9**	**9**	**9**		**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLOUR APPARENT HZU (COLAP)	ARSENIC UNF.TOT. MG/L AS AS (ASUT)	COPPER UNF.TOT. MG/L AS CU (CUUT)	LEAD UNF.TOT. MG/L AS PB (PBUT)	ZINC UNF.TOT. MG/L AS ZN (ZNUT)	NICKEL UNF.TOT. MG/L AS NI (NIUT)
81 02 24 1010		.3	1		0.001<	0.001<	0.003<	0.004	0.002<
81 03 24 1020		.3	1		0.001<	0.002	0.003<	0.002	0.002<
81 04 28 1030		.3	1		0.001<	0.002	0.003<	0.014	0.002<
81 06 01 1005		.3	1		0.001<	0.005	0.005	0.002	0.002
81 06 29 1005		.3	1		0.001<	0.003	0.003<	0.010	0.002<
81 07 28 0930		.3	1		0.001<	0.010	0.005	0.007	0.003
81 08 24 0945		.3	1	128.000	0.001<	0.017	0.003	0.009	0.002
81 09 29 1005		.3	1		0.001<	0.047	0.003<	0.007	0.002<
81 10 27 0945		.3	1		0.001<	0.006	0.003<	0.006	0.002
81 11 24 1015		.3	1		0.001<	0.067	0.003<	0.008	0.002<
81 12 21 0945		.3	1		0.001<	0.006	0.007	0.004	0.004
MAXIMUM				**128.000**		**0.067**	**0.007**	**0.014**	**0.004**
ARITH MEAN				**128.000**		**0.016**	**0.005**	**0.007**	**0.003**
GEOM MEAN						**0.008**	**0.005**	**0.006**	**0.002**
MINIMUM				**128.000**		**0.002**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)						**0.022**	**0.002**	**0.004**	**0.001**
# SAMPLES (IN STATISTICS)				**1**		**10**	**4**	**11**	**5**

B.O.W./SITE: **SOUTH RAISIN RIVER**
SAMPLE POINT: **AT CO.RD.NO.20 SOUTH OF CASHIONGLEN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST LAWRENCE RIVER**
TERM STREAM: **RAISIN RIVER**

STATION ID: **12-0073-015-02**
STORET CODE: **02 005 0250**

LAT: LONG: U.T.M.: **18 0525400.0 4993900.0 4** REGION: **04** DISTANCE: **17.863**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 26 1110		.3	1	29913	4	1.0	13.0	0.060	1020.0	4.50	342.0	7.90	
81 02 24 1050		.3	1	29904		3.0	12.0						1.000<
81 03 24 1050		.3	1	29975		4.0	13.0	0.028	450.0	2.40	188.0	8.10	1.000<
81 04 28 1050		.3	1	29984		11.0	11.0	0.072	720.0	0.21	228.0	8.40	1.000<
81 06 01 1025		.3	1	29922		18.0	8.0	0.082	580.0	17.00	240.0	8.20	1.000<
81 06 29 1025		.3	1	29931		21.0	9.0	0.092	600.0	25.00	257.0	7.90	
81 07 28 0940		.3	1	29993		21.0	8.0						
81 08 24 1000		.3	1	29940		21.0	6.0	0.043	370.0	4.50	119.0	8.80	
81 09 29 1035		.3	1	29949		10.0	9.0	0.046	680.0	3.80	240.0	7.90	1.000<
81 10 27 1015		.3	1	29958		8.0	9.0	0.096	540.0	9.50	207.0	7.50	1.000<
81 11 24 1045		.3	1	29967		1.0	12.0	0.072	620.0	7.00	228.0	7.80	1.000<
81 12 21 1030		.3	1	29972		1.0	13.0						1.000<
MAXIMUM						**21.0**	**13.0**	**0.096**	**1020.0**	**25.00**	**342.0**	**8.80**	
ARITH MEAN						**10.0**	**10.2**	**0.066**	**620.0**	**8.21**	**227.7**	**8.06**	
GEOM MEAN						**5.9**	**10.0**	**0.061**	**597.4**	**4.69**	**220.2**	**8.05**	
MINIMUM						**1.0**	**6.0**	**0.028**	**370.0**	**0.21**	**119.0**	**7.50**	
STD DEV (GEOM *)						**8.3**	**2.4**	**0.023**	**184.9**	**7.96**	**59.2**	**0.38**	
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**9**	**9**	**9**	**9**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 26 1110		.3	1	0.350						
81 02 24 1050		.3	1			0.001<	0.001<	0.003<	0.015	0.004
81 03 24 1050		.3	1	0.350		0.001<	0.003	0.003<	0.005	0.002<
81 04 28 1050		.3	1	1.700		0.001<	0.001<	0.003<	0.001	0.002<
81 06 01 1025		.3	1	1.350		0.001<	0.005	0.003	0.012	0.002
81 06 29 1025		.3	1	1.400		0.001<	0.003	0.003<	0.010	0.002<
81 07 28 0940		.3	1			0.001<	0.010	0.004<	0.007	0.003
81 08 24 1000		.3	1	0.650	80.000	0.001<	0.470	0.011	0.080	0.021
81 09 29 1035		.3	1	0.700		0.001<	0.004	0.003<	0.005	0.002<
81 10 27 1015		.3	1	1.400		0.001<	0.006	0.003<	0.008	0.001<
81 11 24 1045		.3	1	0.500		0.001<	0.005	0.003<	0.004	0.002<
81 12 21 1030		.3	1			0.001<	0.009	0.003<	0.007	0.004
MAXIMUM				**1.700**	**80.000**		**0.470**	**0.011**	**0.080**	**0.021**
ARITH MEAN				**0.933**	**80.000**		**0.057**	**0.007**	**0.014**	**0.007**
GEOM MEAN				**0.794**			**0.008**	**0.006**	**0.008**	**0.005**
MINIMUM				**0.350**	**80.000**		**0.003**	**0.003**	**0.001**	**0.002**
STD DEV (GEOM *)				**0.524**			**0.155**	**0.006**	**0.022**	**0.008**
# SAMPLES (IN STATISTICS)				**9**	**1**		**9**	**2**	**11**	**5**

B.O.W./SITE: **DELISLE RIVER**
SAMPLE POINT: **AT CNR TRESTLE DNSTR.OF ALEXANDRIA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST.LAWRENCE RIVER**
TERM STREAM: **DELISLE RIVER**

STATION ID: **12-0086-001-02**
STORET CODE: **02 005 0040**

LAT: LONG: U.T.M.: **18 0531150.0 5018650.0 4** REGION: **04** DISTANCE: **44.578**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 26 1355		.3	1	29914	4	1440	1800	1480	280	1.0	9.0	4.5	1.280
81 02 24 1415		.3	1	29905						3.0	10.0		
81 03 24 1420		.3	1	29980				540	132	5.0	9.0	1.0	0.480
81 04 28 1350		.3	1	29989						14.0	10.0	2.0	0.440
81 06 01 1330		.3	1	29923				248	8	19.0	8.0	2.0	0.480
81 06 29 1310		.3	1	29932				260	36	21.0	8.0	1.0	0.330
81 08 24 1200		.3	1	29941						22.0	7.0		
81 09 29 1315		.3	1	29950				128	96	11.0	10.0	1.0	0.220
81 10 27 1255		.3	1	29959				2080	1680	7.0	10.0		0.124
81 11 24 1310		.3	1	29968				720	104	2.0	13.0	0.8	0.188
81 12 21 1305		.3	1	29977				332	32	1.0	12.0		
MAXIMUM						**1440**	**1800**	**2080**	**1680**	**22.0**	**13.0**	**4.5**	**1.280**
ARITH MEAN						**1440**	**1800**	**723**	**296**	**9.6**	**9.6**	**1.8**	**0.443**
GEOM MEAN								**489**	**93**	**5.9**	**9.5**	**1.5**	**0.349**
MINIMUM						**1440**	**1800**	**128**	**8**	**1.0**	**7.0**	**0.8**	**0.124**
STD DEV (GEOM *)								**3***	**5***	**8.2**	**1.7**	**1.3**	**0.365**
# SAMPLES (IN STATISTICS)						**1**	**1**	**8**	**8**	**11**	**11**	**7**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 26 1355		.3	1	1.500	570.0	6.50	29.000	220.0	7.20			
81 02 24 1415		.3	1							0.001<	0.003<	0.016
81 03 24 1420		.3	1	0.290	440.0	3.50	21.000	180.0	7.80			
81 04 28 1350		.3	1	0.020	400.0	12.00	18.000	175.0	8.20	0.001<	0.008	0.020
81 06 01 1330		.3	1	0.030	417.0	16.00	17.000	183.0	8.00	0.004	0.003<	0.003
81 06 29 1310		.3	1	0.120	415.0	15.00	17.000	199.0	7.90	0.003	0.003<	0.010
81 08 24 1200		.3	1							0.008	0.008	0.031
81 09 29 1315		.3	1	0.070	432.0	3.70	12.000	202.0	8.30	0.022	0.003<	0.005
81 10 27 1255		.3	1	0.050	400.0	30.00	9.000	187.0	7.60	0.006	0.003<	0.012
81 11 24 1310		.3	1	0.120	450.0	4.20	11.000	199.0	7.80	0.002	0.003<	0.005
81 12 21 1305		.3	1							0.004	0.003<	0.005
MAXIMUM				**1.500**	**570.0**	**30.00**	**29.000**	**220.0**	**8.30**	**0.022**	**0.008**	**0.031**
ARITH MEAN				**0.275**	**440.5**	**11.36**	**16.750**	**193.1**	**7.85**	**0.007**	**0.008**	**0.012**
GEOM MEAN				**0.103**	**437.8**	**8.62**	**15.738**	**192.6**	**7.84**	**0.005**	**0.008**	**0.009**
MINIMUM				**0.020**	**400.0**	**3.50**	**9.000**	**175.0**	**7.20**	**0.002**	**0.008**	**0.003**
STD DEV (GEOM *)				**0.502**	**55.3**	**9.09**	**6.386**	**14.7**	**0.35**	**0.007**	**0.000**	**0.009**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**8**	**8**	**7**	**2**	**9**

B.O.W./ SITE: **DELISLE RIVER**
SAMPLE POINT: **AT FIRST BRIDGE UPSTR.OF ALEXANDRIA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST.LAWRENCE RIVER**
TERM STREAM: **DELISLE RIVER**

STATION ID: **12-0086-002-02**
STORET CODE: **02 005 0040**

LAT LONG: U.T.M: **18 0529900.0 5019300.0 4** REGION: **04** DISTANCE: **46.509**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 26 1330		.3	1	29915	4	1.0	10.0	0.062	490.0	5.30	216.0	8.00	
81 02 24 1350		.3	1	29906		3.0	12.0						1.000<
81 03 24 1350		.3	1	29979		5.0	12.0	0.036	400.0	2.50	175.0	8.10	1.000<
81 04 28 1330		.3	1	29988		13.0	13.0	0.032	370.0	4.40	169.0	8.30	1.000<
81 06 01 1305		.3	1	29924		21.0	12.0	0.042	370.0	5.30	182.0	8.50	1.000<
81 06 29 1250		.3	1	29933		21.0	9.0	0.050	385.0	7.00	195.0	8.00	
81 07 28 1130		.3	1	29997		21.0	9.0						
81 08 24 1145		.3	1	29942		21.0	9.0	0.043	400.0	3.40	200.0	8.00	
81 09 29 1250		.3	1	29951		12.0	8.0	0.082	415.0	26.00	196.0	8.00	1.000<
81 10 27 1230		.3	1	29960		8.0	9.0	0.140	380.0	34.00	178.0	7.60	1.000<
81 11 24 1240		.3	1	29969		2.0	11.0	0.022	430.0	4.70	192.0	7.90	1.000<
81 12 21 1235		.3	1	29976		1.0	13.0						1.000<
MAXIMUM						**21.0**	**13.0**	**0.140**	**490.0**	**34.00**	**216.0**	**8.50**	
ARITH MEAN						**10.7**	**10.6**	**0.057**	**404.4**	**10.29**	**189.2**	**8.04**	
GEOM MEAN						**6.6**	**10.4**	**0.049**	**403.0**	**6.79**	**188.7**	**8.04**	
MINIMUM						**1.0**	**8.0**	**0.022**	**370.0**	**2.50**	**169.0**	**7.60**	
STD DEV (GEOM *)						**8.5**	**1.8**	**0.036**	**37.9**	**11.42**	**14.6**	**0.25**	
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**9**	**9**	**9**	**9**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 26 1330		.3	1	0.650						
81 02 24 1350		.3	1			0.001<	0.003	0.003<	0.013	0.004
81 03 24 1350		.3	1	0.550		0.001<	0.008	0.003<	0.003	0.002<
81 04 28 1330		.3	1	0.500		0.001<	0.003	0.003<	0.002	0.002<
81 06 01 1305		.3	1	1.100		0.001<	0.004	0.003<	0.003	0.001<
81 06 29 1250		.3	1	0.600		0.001<	0.002	0.003<	0.010	0.002<
81 07 28 1130		.3	1			0.001<	0.048	0.009	0.010	0.002
81 08 24 1145		.3	1	0.650	82.000	0.001<	0.018	0.012	0.004	0.003
81 09 29 1250		.3	1	1.700		0.001<	0.011	0.003<	0.010	0.002
81 10 27 1230		.3	1	1.300		0.001<	0.007	0.008	0.016	0.005
81 11 24 1240		.3	1	0.400		0.001<	0.003	0.003<	0.004	0.002
81 12 21 1235		.3	1			0.001<	0.004	0.003<	0.004	0.003
MAXIMUM				**1.700**	**82.000**		**0.048**	**0.012**	**0.016**	**0.005**
ARITH MEAN				**0.828**	**82.000**		**0.010**	**0.010**	**0.007**	**0.003**
GEOM MEAN				**0.742**			**0.006**	**0.010**	**0.006**	**0.003**
MINIMUM				**0.400**	**82.000**		**0.002**	**0.008**	**0.002**	**0.002**
STD DEV (GEOM *)				**0.439**			**0.013**	**0.002**	**0.005**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**1**		**11**	**3**	**11**	**7**

B.O.W./ SITE: **GARRY RIVER**
SAMPLE POINT: **AT CNR TRESTLE ALEXANDRIA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST.LAWRENCE RIVER**
TERM STREAM: **DELISLE RIVER**

STATION ID: **12-0086-003-02**
STORET CODE: **02 005 0040**

LAT: LONG: U.T.M: **18 0529200.0 5017950.0 4** REGION: **04** DISTANCE: **48.279**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 26 1310		.3	1	29916	4	1.0	11.0	0.026	540.0	3.90	175.0	7.70	
81 02 24 1325		.3	1	29907		3.0	12.0						1.000<
81 03 24 1315		.3	1	29978		5.0	11.0	0.026	265.0	0.80	116.0	7.70	1.000<
81 04 28 1310		.3	1	29987		13.0	12.0	0.042	280.0	2.00	120.0	8.10	1.000<
81 06 01 1240		.3	1	29925		22.0	10.0	0.050	260.0	2.40	115.0	8.10	1.000<
81 06 29 1230		.3	1	29934		20.0	8.0	0.044	250.0	2.50	123.0	7.90	
81 07 28 1110		.3	1	29996		22.0	10.0						
81 08 24 1200		.3	1	29943		21.0	9.0	0.118	260.0	1.40	125.0	7.80	
81 09 29 1235		.3	1	29952		12.0	9.0	0.044	280.0	1.00	134.0	8.00	1.000
81 10 27 1210		.3	1	29961		8.0	11.0	0.090	295.0	14.00	141.0	7.70	1.000
81 11 24 1220		.3	1	29970		2.0	13.0	0.032	360.0	6.70	161.0	7.90	1.000<
81 12 21 1215		.3	1	29975		2.0	13.0						1.000
MAXIMUM						**22.0**	**13.0**	**0.118**	**540.0**	**14.00**	**175.0**	**8.10**	**1.000**
ARITH MEAN						**10.9**	**10.7**	**0.052**	**310.0**	**3.86**	**134.4**	**7.88**	**1.000**
GEOM MEAN						**7.1**	**10.6**	**0.046**	**300.8**	**2.57**	**133.1**	**7.88**	**1.000**
MINIMUM						**1.0**	**8.0**	**0.026**	**250.0**	**0.80**	**115.0**	**7.70**	**1.000**
STD DEV (GEOM *)						**8.5**	**1.6**	**0.031**	**92.2**	**4.21**	**21.0**	**0.16**	**0.000**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**9**	**9**	**9**	**9**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 26 1310		.3	1	0.880						
81 02 24 1325		.3	1			0.001<	0.004	0.009	0.035	0.002<
81 03 24 1315		.3	1	0.150		0.001<	0.005	0.003<	0.002	0.002<
81 04 28 1310		.3	1	0.300		0.001<	0.001<	0.003<	0.003	0.002<
81 06 01 1240		.3	1	0.300		0.001<	0.002	0.003<	0.0002<	0.001<
81 06 29 1230		.3	1	0.050		0.001<	0.001<	0.003<	0.010	0.002<
81 07 28 1110		.3	1			0.006	0.013	0.028	0.056	0.002
81 08 24 1200		.3	1	0.500	57.000	0.001<	0.018	0.006	0.012	0.003
81 09 29 1235		.3	1	0.250		0.001<	0.016	0.003<	0.007	0.002
81 10 27 1210		.3	1	1.100		0.001<	0.005	0.016	0.020	0.002
81 11 24 1220		.3	1	0.650		0.001<	0.001	0.003<	0.004	0.002<
81 12 21 1215		.3	1			0.001<	0.022	0.003<	0.022	0.002
MAXIMUM				**1.100**	**57.000**	**0.006**	**0.022**	**0.028**	**0.056**	**0.003**
ARITH MEAN				**0.464**	**57.000**	**0.006**	**0.010**	**0.015**	**0.017**	**0.002**
GEOM MEAN				**0.335**			**0.006**	**0.012**	**0.010**	**0.002**
MINIMUM				**0.050**	**57.000**	**0.006**	**0.001**	**0.006**	**0.002**	**0.002**
STD DEV (GEOM *)				**0.351**			**0.008**	**0.010**	**0.017**	**0.000**
# SAMPLES (IN STATISTICS)				**9**	**1**	**1**	**9**	**4**	**10**	**5**

B.O.W./ SITE: **GARRY RIVER**
SAMPLE POINT: **AT FIRST BRIDGE UPSTR.OF ALEXANDRIA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **ST.LAWRENCE RIVER**
TERM STREAM: **DELISLE RIVER**

STATION ID: **12-0086-004-02**
STORET CODE: **02 005 0040**

LAT: LONG: U.T.M: **18 0528400.0 5016400.0 4** REGION: **04** DISTANCE: **50.049**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 26 1250		.3	1	29917	4	1.0	8.0	0.010	335.0	1.00	165.0	7.70	
81 02 24 1305		.3	1	29908		4.0	7.0						1.000<
81 03 24 1250		.3	1	29977		4.0	9.0	0.042	235.0	0.40	106.0	7.30	1.000<
81 04 28 1150		.3	1	29986		11.0	8.0	0.034	240.0	2.70	112.0	8.10	1.000<
81 06 01 1145		.3	1	29926		20.0	7.0	0.042	210.0	1.90	98.0	7.60	1.000<
81 06 29 1150		.3	1	29935		21.0	6.0	0.028	200.0	0.90	101.0	7.40	
81 07 28 1030		.3	1	29995		23.0	7.0						
81 08 24 1230		.3	1	29944		21.0	6.0	0.017	200.0	0.60	96.0	7.30	
81 09 29 1140		.3	1	29953		11.0	7.0	0.030	275.0	1.40	134.0	7.50	1.000
81 10 27 1150		.3	1	29962		8.0	9.0	0.050	290.0	1.60	136.0	7.50	1.000
81 11 24 1155		.3	1	29971		1.0	12.0	0.022	310.0	0.90	143.0	7.60	0.900
81 12 21 1150		.3	1	29974	4	1.0	11.0						1.000<
MAXIMUM						**23.0**	**12.0**	**0.050**	**335.0**	**2.70**	**165.0**	**8.10**	**1.000**
ARITH MEAN						**10.5**	**8.1**	**0.031**	**255.0**	**1.27**	**121.2**	**7.56**	**0.967**
GEOM MEAN						**6.2**	**7.9**	**0.028**	**250.8**	**1.09**	**119.2**	**7.55**	**0.965**
MINIMUM						**1.0**	**6.0**	**0.010**	**200.0**	**0.40**	**96.0**	**7.30**	**0.900**
STD DEV (GEOM *)						**8.7**	**1.9**	**0.013**	**49.7**	**0.72**	**24.2**	**0.25**	**0.058**
# SAMPLES (IN STATISTICS)						**12**	**12**	**9**	**9**	**9**	**9**	**9**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 26 1250		.3	1	0 380						
81 02 24 1305		.3	1			0 001<	0 001<	0 003<	0 002	0 002<
81 03 24 1250		.3	1	0 100		0 001<	0 007	0 003	0 004	0 002<
81 04 28 1150		.3	1	0 350		0 001<	0 006	0 003<	0 007	0 002<
81 06 01 1145		.3	1	0 250		0 001<	0 001	0 003<	0 0002<	0 001<
81 06 29 1150		.3	1	0 050<		0 001<	0 001<	0 003<	0 030	0 002<
81 07 28 1030		.3	1			0 001<	0 018	0 003<	0 002	0 001<
81 08 24 1230		.3	1	0 350	55 000	0 001<	0 030	0 003<	0 007	0 002
81 09 29 1140		.3	1	0 500		0 001<	0 057	0 003<	0 008	0 002<
81 10 27 1150		.3	1	0 450		0 001<	0 005	0 005	0 016	0 003
81 11 24 1155		.3	1	0 150		0 001<	0 001	0 003<	0 001 <	0 002<
81 12 21 1150		.3	1			0 001<	0 003	0 004	0 004	0 001<
MAXIMUM				**0.500**	**55.000**		**0.057**	**0.005**	**0.030**	**0.003**
ARITH MEAN				**0.316**	**55.000**		**0.014**	**0.004**	**0.008**	**0.002**
GEOM MEAN				**0.281**			**0.006**	**0.004**	**0.006**	**0.002**
MINIMUM				**0.100**	**55.000**		**0.001**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)				**0.140**			**0.019**	**0.001**	**0.009**	**0.001**
# SAMPLES (IN STATISTICS)				**8**	**1**		**9**	**3**	**9**	**2**

B.O.W. / SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT HURON STREET DAM (CENTRE)**
STATION TYPE: **RIVER FLOW GAUGE FED 02CA001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**

STATION ID: **13-0000-003-02**
STORET CODE: **02 002**

LAT. LONG. U.T.M. **16 0703360.0 5154450.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 30 1520		.3	1	23707	1890 00	1 0	9 0	0 005	0 001	0 018	0 170	0 002	0 303
81 03 22 1545		.3	1	23720	1890 00	1 5	11 0	0 006	0 001	0 034	0 250	0 018	0 337
81 05 15 1215		.3	1	23732	2490 00	5 0	10 00	0 020		0 136	0 28		
81 06 29 1025		.3	1	23748	2720 00	11 0		0 010		0 052	0 24		
81 08 09 1505		.3	1	23766	2750 00	18 0	9 00	0 007		0 006	0 21		
81 10 05 1650		.3	1	23782	1360 00	10 0	10 00	0 042		0 064	0 35		
MAXIMUM					**2750.00**	**18.0**	**11.0**	**0.042**	**0.001**	**0.136**	**0.35**	**0.018**	**0.337**
ARITH MEAN					**2183.33**	**7.7**	**9.8**	**0.015**	**0.001**	**0.052**	**0.25**	**0.010**	**0.320**
GEOM MEAN					**2118.82**	**5.0**	**9.7**	**0.011**	**0.001**	**0.034**	**0.24**	**0.006**	**0.320**
MINIMUM					**1360.00**	**1.0**	**9.0**	**0.005**	**0.001**	**0.006**	**0.170**	**0.002**	**0.303**
STD DEV (GEOM *)					**557.339**	**6.5**	**0.8**	**0.014**	**0.000**	**0.046**	**0.06**	**0.011**	**0.024**
# SAMPLES (IN STATISTICS)					**6**	**6**	**5**	**6**	**2**	**6**	**6**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4
81 01 30 1520		.3	1	0 323	0 152	0 475	72 00		68 000	104 0	0 58	1 650	4 000
81 03 22 1545		.3	1	0 389	0 216	0 605	78 00			108 0	3 80	1 950	4 000
81 05 15 1215		.3	1		0 144			3	69	106			4 0
81 06 29 1025		.3	1		0 188			1 <T	65	100			3 5
81 08 09 1505		.3	1		0 204			0 8	65	100			4 0
81 10 05 1650		.3	1		0 286			1 0	65	100			5 0
MAXIMUM				**0.389**	**0.286**	**0.605**	**78.00**	**3**	**69**	**108.0**	**3.80**	**1.950**	**5.0**
ARITH MEAN				**0.356**	**0.198**	**0.540**	**75.00**	**1 <A**	**66**	**103**	**2.19**	**1.800**	**4.0**
GEOM MEAN				**0.354**	**0.193**	**0.536**	**74.94**	**1 <A**	**66**	**103**	**1.48**	**1.794**	**4.0**
MINIMUM				**0.323**	**0.144**	**0.475**	**72.00**	**0.8**	**65**	**100**	**0.58**	**1.650**	**3.5**
STD DEV (GEOM *)				**0.047**	**0.051**	**0.092**	**4.24**	**1 <A**	**1**	**3**	**2.28**	**0.212**	**0.4**
# SAMPLES (IN STATISTICS)				**2**	**6**	**2**	**2**	**4**	**5**	**6**	**2**	**2**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 01 30 1520		.3	1	44 0	7 82	3 000	0 170	12 800	2 700	4 000	0 70	1 700	31
81 03 22 1545		.3	1	53 0	7 79	1 000<	0 070	12 600	1 950		1 15	6 700	4
81 05 15 1215		.3	1	46	7 90	1	0 08						15
81 06 29 1025		.3	1	45	8 10	1 <T	0 11						4
81 08 09 1505		.3	1	4	7 99	1 <T	0 08						10
81 10 05 1650		.3	1	45	7 93	1	0 12						2
MAXIMUM				**53.0**	**8.10**	**3.000**	**0.170**	**12.800**	**2.700**	**4.000**	**1.15**	**6.700**	**31**
ARITH MEAN				**39**	**7.92**	**1 <A**	**0.10**	**12.700**	**2.325**	**4.000**	**0.92**	**4.200**	**11**
GEOM MEAN				**30**	**7.92**	**1 <A**	**0.10**	**12.700**	**2.295**		**0.90**	**3.375**	**7**
MINIMUM				**4**	**7.79**	**1**	**0.070**	**12.600**	**1.950**	**4.000**	**0.70**	**1.700**	**2**
STD DEV (GEOM *)				**17**	**0.11**	**0 <A**	**0.03**	**0.141**	**0.530**		**0.32**	**3.536**	**11**
# SAMPLES (IN STATISTICS)				**6**	**6**	**5**	**6**	**2**	**2**	**1**	**2**	**2**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 30 1520		.3	1	0 001<		0 098	0 001<	0 011	0 005	0 0003	0 032	0 015	0 003<
81 03 22 1545		.3	1	0 001<	0 060	0 025	0 002<	0 002	0 003<	0 0004	0 007	0 008	0 003<
MAXIMUM					**0.060**	**0.098**		**0.011**	**0.005**	**0.0004**	**0.032**	**0.015**	
ARITH MEAN					**0.060**	**0.061**		**0.006**	**0.005**	**0.0003**	**0.019**	**0.011**	
GEOM MEAN						**0.049**		**0.005**		**0.0003**	**0.015**	**0.011**	
MINIMUM					**0.060**	**0.025**		**0.002**	**0.005**	**0.0003**	**0.007**	**0.008**	
STD DEV (GEOM *)						**0.052**		**0.006**		**0.0001**	**0.018**	**0.005**	
# SAMPLES (IN STATISTICS)					**1**	**2**		**2**	**1**	**2**	**2**	**2**	

(CONTD)

B.O.W./ SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT HURON STREET DAM (CENTRE)**
STATION TYPE: **RIVER FLOW GAUGE FED 02CA001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**

STATION ID: **13-0000-003-02**
STORET CODE: **02 002**

LAT: LONG: U.T.M: **16 0703360.0 5154450.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 30 1520		.3	1	0.011	
81 03 22 1545		.3	1	0.002<	
81 05 15 1215		.3	1		0.010<
81 06 29 1025		.3	1		0.010<
81 08 09 1505		.3	1		0.010<
81 10 05 1650		.3	1		0.005<T
MAXIMUM				**0.011**	**0.005**
ARITH MEAN				**0.011**	**0.005<A**
GEOM MEAN					
MINIMUM				**0.011**	**0.005**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W./ SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT BELL'S POINT DOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**

STATION ID: **13-0000-005-02**
STORET CODE: **02 002**

LAT: LONG: U.T.M: **16 0713550.0 5157325.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 01 30 1410		.3	1	23703	0.0	8.0							
81 03 22 1645		.3	1	23717	2.0	11.0	0.021	0.005	0.132	0.320	0.019	0.296	
81 05 15 1045		.3	1	23728	7.0	10.00	0.011	0.004	0.084	0.24	0.003	0.225	0.230
81 06 29 0930		.3	1	23745	13.0		0.032		0.002	0.41	0.210	0.255	0.465
81 08 09 1410		.3	1	23762	21.0	9.00	0.024	0.007	0.006	0.40	0.027	0.368	0.395
81 10 05 1545		.3	1	23779	12.0	10.00	0.038	0.006	0.114	0.51	0.063	0.225	0.290
81 11 20 1425		.3	1	23796	5.0	13.00	0.070	0.010	0.048	0.45	0.070	0.505	0.575
MAXIMUM					**21.0**	**13.00**	**0.070**	**0.010**	**0.132**	**0.51**	**0.210**	**0.505**	**0.575**
ARITH MEAN					**10.0**	**10.1**	**0.033**	**0.006**	**0.064**	**0.38**	**0.065**	**0.312**	**0.391**
GEOM MEAN					**7.8**	**10.0**	**0.028**	**0.006**	**0.030**	**0.37**	**0.034**	**0.299**	**0.371**
MINIMUM					**2.0**	**8.0**	**0.011**	**0.004**	**0.002**	**0.24**	**0.003**	**0.225**	**0.230**
STD DEV (GEOM *)					**6.8**	**1.7**	**0.021**	**0.002**	**0.055**	**0.09**	**0.075**	**0.109**	**0.137**
# SAMPLES (IN STATISTICS)					**6**	**6**	**6**	**5**	**6**	**6**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4
81 03 22 1645		.3	1	0.447	0.188	0.635	69.00			102.0	2.00	2.150	4.500
81 05 15 1045		.3	1	0.312	0.156	0.468		2	64	98	0.60	1.80	3.5
81 06 29 0930		.3	1	0.467	0.408	0.875		1 <T	68	104	1.50	1.90	3.5
81 08 09 1410		.3	1	0.401	0.394	0.795		4.3	65	100	1.24	1.05	4.5
81 10 05 1545		.3	1	0.402	0.396	0.798		7.0	65	100	1.30	2.30	5.5
81 11 20 1425		.3	1	0.623	0.402	1.025		13.3		100	8.70	2.30	
MAXIMUM				**0.623**	**0.408**	**1.025**	**69.00**	**13.3**	**68**	**104**	**8.70**	**2.30**	**5.5**
ARITH MEAN				**0.442**	**0.324**	**0.766**	**69.00**	**5 <A**	**65**	**100**	**2.56**	**1.91**	**4.3**
GEOM MEAN				**0.432**	**0.301**	**0.744**		**3 <A**	**65**	**100**	**1.71**	**1.85**	**4.2**
MINIMUM				**0.312**	**0.156**	**0.468**	**69.00**	**1**	**64**	**98**	**0.60**	**1.05**	**3.5**
STD DEV (GEOM *)				**0.104**	**0.118**	**0.193**		**4 <A**	**2**	**2**	**3.04**	**0.47**	**0.8**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**1**	**5**	**4**	**6**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 01 30 1410		.3	1			2.000							
81 03 22 1645		.3	1	53.0	7.61	4.000	0.860	11.600	2.350	15.000	0.70	2.000	2
81 05 15 1045		.3	1	44	8.14	2	0.08						17
81 06 29 0930		.3	1	47	7.93	2	0.12						8
81 08 09 1410		.3	1	42	7.67	1 <T	0.34						8
81 10 05 1545		.3	1	45	7.31	1	0.60						15
81 11 20 1425		.3	1	44	8.64	2	0.67						
MAXIMUM				**53.0**	**8.64**	**4.000**	**0.860**	**11.600**	**2.350**	**15.000**	**0.70**	**2.000**	**17**
ARITH MEAN				**45**	**7.88**	**2 <A**	**0.44**	**11.600**	**2.350**	**15.000**	**0.70**	**2.000**	**10**
GEOM MEAN				**45**	**7.87**	**1 <A**	**0.32**						**8**
MINIMUM				**42**	**7.31**	**1**	**0.08**	**11.600**	**2.350**	**15.000**	**0.70**	**2.000**	**2**
STD DEV (GEOM *)				**3**	**0.47**	**1 <A**	**0.31**						**6**
# SAMPLES (IN STATISTICS)				**6**	**6**	**7**	**6**	**1**	**1**	**1**	**1**	**1**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 30 1410		.3	1	0.001<	0.060<	0.030	0.002	0.006	0.003	0.001	0.003		0.003<
81 03 22 1645		.3	1	0.001<	0.040	0.035	0.002<	0.002	0.003<	0.0003	0.006	0.023	0.003<
81 05 15 1045		.3	1					0.035	0.003<		0.009		
81 06 29 0930		.3	1					0.002	0.003<		0.003		
81 08 09 1410		.3	1					0.002	0.003<		0.002		
81 10 05 1545		.3	1					0.005	0.004		0.023		
81 11 20 1425		.3	1					0.009	0.003<		0.012		
MAXIMUM					**0.040**	**0.035**	**0.002**	**0.035**	**0.004**	**0.001**	**0.023**	**0.023**	
ARITH MEAN					**0.040**	**0.032**	**0.002**	**0.009**	**0.003**	**0.000**	**0.008**	**0.023**	
GEOM MEAN						**0.032**		**0.005**	**0.003**	**0.000**	**0.006**		
MINIMUM					**0.040**	**0.030**	**0.002**	**0.002**	**0.003**	**0.0003**	**0.002**	**0.023**	
STD DEV (GEOM *)						**0.004**		**0.012**	**0.001**	**0.000**	**0.007**		
# SAMPLES (IN STATISTICS)					**1**	**2**	**1**	**7**	**2**	**2**	**7**	**1**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	TEST-NAME: CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 30 1410		.3	1	0 014	0 010<
81 03 22 1645		.3	1	0 002<	
81 05 15 1045		.3	1		0 010<
81 06 29 0930		.3	1		0 010<
81 08 09 1410		.3	1		0 010<
81 10 05 1545		.3	1		0 005<T
MAXIMUM				**0.014**	**0.005**
ARITH MEAN				**0.014**	**0.005<A**
GEOM MEAN					
MINIMUM				**0.014**	**0.005**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				**1**	**1**

B.O.W./SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT PRIVATE DOCK E.OF S.S.MARIE GOLF CLUB**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
STATION ID: **13-0000-006-02**
STORET CODE: **02 002**
LAT: LONG: U.T.M: **16 0709475.0 5152650.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 30 1430		.3	1	23704	0 0	8 0	0 004	0 001	0 070	0 160	0 002	0 308	0 380
81 03 22 1625		.3	1	23718	2 0	11 0	0 020	0 002	0 158	0 540	0 002	0 353	0 513
81 05 15 1130		.3	1	23729	6 0	7 00	0 011		0 096	0 22			
81 06 29 0950		.3	1	23746	12 0		0 025		0 002<T	0 03			
81 08 09 1430		.3	1	23763	21 0	8 00	0 012		0 006	0 30			
81 10 05 1610		.3	1	23780	10 0	11 00	0 023		0 150	0 43			
81 11 20 1440		.3	1	23797	5 0	9 00	0 023		0 086	0 29			
MAXIMUM					**21.0**	**11.0**	**0.025**	**0.002**	**0.158**	**0.540**	**0.002**	**0.353**	**0.513**
ARITH MEAN					**9.3**	**9.0**	**0.017**	**0.001**	**0.081<A**	**0.28**	**0.002**	**0.330**	**0.446**
GEOM MEAN					**7.3**	**8.8**	**0.015**	**0.001**	**0.040<A**	**0.21**	**0.002**	**0.330**	**0.442**
MINIMUM					**2.0**	**7.00**	**0.004**	**0.001**	**0.002**	**0.03**	**0.002**	**0.308**	**0.380**
STD DEV (GEOM *)					**6.7**	**1.6**	**0.008**	**0.001**	**0.062<A**	**0.16**	**0.000**	**0.032**	**0.094**
# SAMPLES (IN STATISTICS)					**6**	**6**	**7**	**2**	**7**	**7**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 30 1430		.3	1	0 090	0 470	70 00		68 000	104 0	0 85	1 950	4 000	46 0
81 03 22 1625		.3	1	0 382	0 895	87 00			130 0	1 80	5 200	5 500	52 0
81 05 15 1130		.3	1	0 124			4	68	104			4 0	45
81 06 29 0950		.3	1	0 028			13	69	106			4 0	45
81 08 09 1430		.3	1	0 294			4 9	68	104			4 5	43
81 10 05 1610		.3	1	0 280			2 0	68	105			5 0	46
81 11 20 1440		.3	1	0 204			11 4	66	102			4 0	46
MAXIMUM				**0.382**	**0.895**	**87.00**	**13**	**69**	**130.0**	**1.80**	**5.200**	**5.500**	**52.0**
ARITH MEAN				**0.200**	**0.682**	**78.50**	**7**	**67**	**107**	**1.32**	**3.575**	**4.4**	**48**
GEOM MEAN				**0.153**	**0.649**	**78.04**	**5**	**67**	**107**	**1.24**	**3.184**	**4.3**	**46**
MINIMUM				**0.028**	**0.470**	**70.00**	**2.0**	**66**	**102**	**0.85**	**1.950**	**4.000**	**43**
STD DEV (GEOM *)				**0.126**	**0.301**	**12.02**	**4**	**0**	**9**	**0.67**	**2.298**	**0.6**	**2**
# SAMPLES (IN STATISTICS)				**7**	**2**	**2**	**5**	**6**	**7**	**2**	**2**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 30 1430		.3	1	7 69	11 000	0 190	12 800	2 800	4 000	0 60	2 000	16	0 001<
81 03 22 1625		.3	1	7 78	7 000	0 270	14 000	2 950	2 000	0 95	3 600	4	0 001<
81 05 15 1130		.3	1	8 22	3	0 22						17	
81 06 29 0950		.3	1	7 70	2	0 80						23	
81 08 09 1430		.3	1	7 78	4	0 29						15	
81 10 05 1610		.3	1	7 79	3	0 10						6	
81 11 20 1440		.3	1	11 44	3	0 50						13	
MAXIMUM				**11.44**	**11.000**	**0.80**	**14.000**	**2.950**	**4.000**	**0.95**	**3.600**	**23**	
ARITH MEAN				**8.34**	**4**	**0.33**	**13.400**	**2.875**	**3.000**	**0.77**	**2.800**	**13**	
GEOM MEAN				**8.26**	**4**	**0.27**	**13.387**	**2.874**	**2.828**	**0.75**	**2.683**	**12**	
MINIMUM				**7.69**	**2**	**0.10**	**12.800**	**2.800**	**2.000**	**0.60**	**2.000**	**4**	
STD DEV (GEOM *)				**1.38**	**3**	**0.23**	**0.849**	**0.106**	**1.414**	**0.25**	**1.131**	**7**	
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**2**	**2**	**2**	**2**	**2**	**7**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 30 1430		.3	1	0 060<	0 050	0 001<	0 005	0 003<	0 0002<	0 004	0 011	0 003<	0 006
81 03 22 1625		.3	1	0 060	0 084	0 002<	0 007	0 003<	0 001	0 012	0 032	0 003<	0 002<
MAXIMUM				**0.060**	**0.084**		**0.007**		**0.001**	**0.012**	**0.032**		**0.006**
ARITH MEAN				**0.060**	**0.067**		**0.006**		**0.001**	**0.008**	**0.021**		**0.006**
GEOM MEAN					**0.065**		**0.006**			**0.007**	**0.019**		
MINIMUM				**0.060**	**0.050**		**0.005**		**0.001**	**0.004**	**0.011**		**0.006**
STD DEV (GEOM *)					**0.024**		**0.001**			**0.006**	**0.015**		
# SAMPLES (IN STATISTICS)				**1**	**2**		**2**		**1**	**2**	**2**		**1**

(CONTD)

B.O.W./ SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT PRIVATE DOCK E.OF S.S.MARIE GOLF CLUB**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
STATION ID: **13-0000-006-02**
STORET CODE: **02 002**
LAT: LONG: U.T.M: **16 0709475.0 5152650.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 30 1430		.3	1	0.010<
81 03 22 1625		.3	1	0.010<
81 05 15 1130		.3	1	0.010<
81 06 29 0950		.3	1	0.010<
81 08 09 1430		.3	1	0.020
81 10 05 1610		.3	1	0.005<T
	MAXIMUM			**0.020**
	ARITH MEAN			**0.012<A**
	GEOM MEAN			**0.010<A**
	MINIMUM			**0.005**
	STD DEV (GEOM *)			**0.011<A**
	# SAMPLES (IN STATISTICS)			**2**

B.O.W./ SITE: **ST.MARYS RIVER**
SAMPLE POINT: **AT SAULT STE MARIE CIVIC CENTRE**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
STATION ID: **13-0000-007-02**
STORET CODE: **02 002**
LAT: LONG: U.T.M: **16 0704525.0 5153675.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 30 1455		.3	1	23705	0.0	9.0	0.005	0.001<	0.120	0.260	0.002	0.308	0.430
81 03 22 1610		.3	1	23719	1.5	12.0	0.015	0.001	0.178	0.620	0.001	0.319	0.498
81 05 15 1145		.3	1	23730	6.0	11.00	0.016		0.068	0.23			
81 06 29 1000		.3	1	23747	12.0		0.025		0.002<T	0.25			
81 08 09 1445		.3	1	23764	20.0	9.00	0.015		0.006	0.50			
81 10 05 1635		.3	1	23781	10.0	11.00	0.031		0.220	0.88			
81 11 20 1505		.3	1	23798	5.0	9.00	0.035		0.150	0.42			
	MAXIMUM				**20.0**	**12.0**	**0.035**	**0.001**	**0.220**	**0.88**	**0.002**	**0.319**	**0.498**
	ARITH MEAN				**9.1**	**10.1**	**0.020**	**0.001**	**0.106<A**	**0.45**	**0.001**	**0.313**	**0.464**
	GEOM MEAN				**6.9**	**10.1**	**0.017**		**0.048<A**	**0.40**	**0.001**	**0.313**	**0.463**
	MINIMUM				**1.5**	**9.0**	**0.005**	**0.001**	**0.002**	**0.23**	**0.001**	**0.308**	**0.430**
	STD DEV (GEOM *)				**6.5**	**1.3**	**0.010**		**0.084<A**	**0.23**	**0.001**	**0.008**	**0.048**
	# SAMPLES (IN STATISTICS)				**6**	**6**	**7**	**1**	**7**	**7**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 30 1455		.3	1	0.140	0.570	68.00		66.000	102.0	0.60	1.850	3.500	44.0
81 03 22 1610		.3	1	0.442	0.940	69.00			104.0	4.30	2.500	4.000	
81 05 15 1145		.3	1	0.162			2	65	100			3.5	43
81 06 29 1000		.3	1	0.248			3	65	100			3.5	43
81 08 09 1445		.3	1	0.494			6.2	68	104			5.0	42
81 10 05 1635		.3	1	0.660			4.0	68	105			5.0	42
81 11 20 1505		.3	1	0.270			10.1	75	116			5.5	47
	MAXIMUM			**0.660**	**0.940**	**69.00**	**10.1**	**75**	**116**	**4.30**	**2.500**	**5.5**	**47**
	ARITH MEAN			**0.345**	**0.755**	**68.50**	**5**	**67**	**104**	**2.45**	**2.175**	**4.2**	**43**
	GEOM MEAN			**0.300**	**0.732**	**68.50**	**4**	**67**	**104**	**1.61**	**2.151**	**4.2**	**43**
	MINIMUM			**0.140**	**0.570**	**68.00**	**2**	**65**	**100**	**0.60**	**1.850**	**3.500**	**42**
	STD DEV (GEOM *)			**0.192**	**0.262**	**0.71**	**3**	**3**	**5**	**2.62**	**0.460**	**0.8**	**1**
	# SAMPLES (IN STATISTICS)			**7**	**2**	**2**	**5**	**6**	**7**	**2**	**2**	**7**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 30 1455		.3	1	7.75	3.000	0.280	12.400	2.650	7.000	0.65	1.600	19	0.001
81 03 22 1610		.3	1	7.58	13.000	0.190	12.800	2.350		0.90	2.900	4	0.001
81 05 15 1145		.3	1	9.05	3	0.07						4	
81 06 29 1000		.3	1	7.92	2	0.25						6	
81 08 09 1445		.3	1	7.69	10	0.31						8	
81 10 05 1635		.3	1	7.57	8	0.35						8	
81 11 20 1505		.3	1	7.62	11	0.62						15	
	MAXIMUM			**9.05**	**13.000**	**0.62**	**12.800**	**2.650**	**7.000**	**0.90**	**2.900**	**19**	**0.001**
	ARITH MEAN			**7.88**	**7**	**0.29**	**12.600**	**2.500**	**7.000**	**0.77**	**2.250**	**9**	**0.001**
	GEOM MEAN			**7.87**	**5**	**0.25**	**12.598**	**2.495**		**0.76**	**2.154**	**8**	**0.001**
	MINIMUM			**7.57**	**2**	**0.07**	**12.400**	**2.350**	**7.000**	**0.65**	**1.600**	**4**	**0.001**
	STD DEV (GEOM *)			**0.53**	**4**	**0.17**	**0.283**	**0.212**		**0.18**	**0.919**	**6**	**0.000**
	# SAMPLES (IN STATISTICS)			**7**	**7**	**7**	**2**	**2**	**1**	**2**	**2**	**7**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 30 1455		.3	1		0.023	0.001<	0.008	0.003<	0.0002<	0.049	0.009	0.003<	0.008
81 03 22 1610		.3	1	0.060	0.036	0.002<	0.003	0.003<	0.0005	0.009	0.013	0.003<	0.002<
	MAXIMUM			**0.060**	**0.036**		**0.008**		**0.0005**	**0.049**	**0.013**		**0.008**
	ARITH MEAN			**0.060**	**0.029**		**0.005**		**0.0005**	**0.029**	**0.011**		**0.008**
	GEOM MEAN				**0.029**		**0.005**			**0.021**	**0.011**		
	MINIMUM			**0.060**	**0.023**		**0.003**		**0.0005**	**0.009**	**0.009**		**0.008**
	STD DEV (GEOM *)				**0.009**		**0.004**			**0.028**	**0.003**		
	# SAMPLES (IN STATISTICS)			**1**	**2**		**2**		**1**	**2**	**2**		**1**

(CONTD)

TEST-NAME:	CCNAUR
SAMP DTE HOUR YR MO DY LMT	CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 15 1145	0.010<
81 06 29 1000	0.010<
81 08 09 1445	0.025
81 10 05 1635	0.013
MAXIMUM	**0.025**
ARITH MEAN	**0.019**
GEOM MEAN	**0.018**
MINIMUM	**0.013**
STD DEV (GEOM *)	**0.008**
# SAMPLES (IN STATISTICS)	**2**

B.O.W./ SITE: **ST MARYS RIVER**
SAMPLE POINT: **AT HWY.NO.2 SAULT STE.MARIE MICHIGAN USA**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
STATION ID: **13-0000-008-02**
STORET CODE: **02 002**
LAT: LONG: U.T.M.: **16 0700350.0 5152250.0 4** REGION: **05**

TEST-NAME:	SAMPLE	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR
SAMP DTE HOUR YR MO DY LMT	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
81 01 30 1535	23708	0.0	9.0							
81 03 22 1525	23721	1.0	10.0	0.008	0.001	0.030	0.270	0.006	0.326	0.362
81 05 15 1235	23733	5.0	10.00	0.009	0.001	0.060	0.30			
81 06 29 1035	23749	11.0		0.008	0.002	0.016	0.15			
81 08 09 1525	23767	18.0	9.00	0.003	0.003	0.008	0.09			
81 10 05 1700	23783	10.0	11.00	0.325	0.175	0.030	0.21			
81 11 20 1545	23801	3.0	13.00	0.006	0.001<T	0.006	0.12			
MAXIMUM		**18.0**	**13.00**	**0.325**	**0.175**	**0.060**	**0.30**	**0.006**	**0.326**	**0.362**
ARITH MEAN		**8.0**	**10.3**	**0.060**	**0.030<A**	**0.025**	**0.19**	**0.006**	**0.326**	**0.362**
GEOM MEAN		**5.6**	**10.2**	**0.012**	**0.003<A**	**0.019**	**0.17**			
MINIMUM		**1.0**	**9.0**	**0.003**	**0.001**	**0.006**	**0.09**	**0.006**	**0.326**	**0.362**
STD DEV (GEOM *)		**6.3**	**1.5**	**0.130**	**0.071<A**	**0.020**	**0.08**			
# SAMPLES (IN STATISTICS)		**6**	**6**	**6**	**6**	**6**	**6**	**1**	**1**	**1**

TEST-NAME:	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT
SAMP DTE HOUR YR MO DY LMT	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
81 03 22 1525	0.240	0.602	67.00			104.0	3.20	1.900	3.500	44.0
81 05 15 1235	0.240			3	65	100	1.20	1.75	3.5	44
81 06 29 1035	0.134			1 <T	64	98	0.46	1.30	3.5	45
81 08 09 1525	0.082			0.6	62	96	0.65	1.30	3.5	44
81 10 05 1700	0.180			1.0	65	100	0.84	1.35	6.0	45
81 11 20 1545	0.114			1.0	66	102	0.47	1.45	3.5	45
MAXIMUM	**0.240**	**0.602**	**67.00**	**3**	**66**	**104.0**	**3.20**	**1.900**	**6.0**	**45**
ARITH MEAN	**0.165**	**0.602**	**67.00**	**1 <A**	**64**	**100**	**1.14**	**1.50**	**3.9**	**44**
GEOM MEAN	**0.153**			**1 <A**	**64**	**100**	**0.88**	**1.49**	**3.8**	**44**
MINIMUM	**0.082**	**0.602**	**67.00**	**0.6**	**62**	**96**	**0.46**	**1.30**	**3.500**	**44.0**
STD DEV (GEOM *)	**0.066**			**1 <A**	**2**	**2**	**1.05**	**0.25**	**1.0**	**0**
# SAMPLES (IN STATISTICS)	**6**	**1**	**1**	**5**	**5**	**6**	**6**	**6**	**6**	**6**

TEST-NAME:	PH	PHNOL	FEUT	HARDT	CAUR	MGUR	COLAP	KKUR	NAUR	COD
SAMP DTE HOUR YR MO DY LMT	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
81 03 22 1525	7.53	1.000<	0.040		11.800	2.550	2.000	0.65	1.700	8
81 05 15 1235	7.89	1 <T	0.06	42	12.4	2.80				2
81 06 29 1035	8.10	1 <T	0.03	43	12.6	2.70				6
81 08 09 1525	8.17	1 <T	0.03	41	12.0	2.60				10
81 10 05 1700	8.06	1 <T	0.04	41	12.2	2.50				4
81 11 20 1545	11.21	3	0.05	15	4.8	0.75				7
MAXIMUM	**11.21**	**3**	**0.06**	**43**	**12.6**	**2.80**	**2.000**	**0.65**	**1.700**	**10**
ARITH MEAN	**8.49**	**1 <A**	**0.04**	**36**	**10.9**	**2.31**	**2.000**	**0.65**	**1.700**	**6**
GEOM MEAN	**8.42**	**1 <A**	**0.04**	**34**	**10.4**	**2.13**				**5**
MINIMUM	**7.53**	**1**	**0.03**	**15**	**4.8**	**0.75**	**2.000**	**0.65**	**1.700**	**2**
STD DEV (GEOM *)	**1.35**	**0 <A**	**0.01**	**12**	**3.0**	**0.77**				**3**
# SAMPLES (IN STATISTICS)	**6**	**5**	**6**	**5**	**6**	**6**	**1**	**1**	**1**	**6**

TEST-NAME:	ASUT	HGUT	ALUT	CRUT	CUUT	' PBUT	CDUT	ZNUT	MNUT	NIUT
SAMP DTE HOUR YR MO DY LMT	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
81 01 30 1535	0.001<		0.014	0.001<	0.004	0.003<	0.0002<	0.004		0.003 <
81 03 22 1525	0.001<	0.050	0.017	0.002<	0.013	0.003<	0.002	0.006	0.004	0.003 <
81 05 15 1235	0.001<				0.009	0.003<		0.002		0.002 <
81 06 29 1035	0.001<				0.020	0.003<		0.005		0.0020<
81 08 09 1525	0.001<				0.001	0.003<		0.001<		0.0020<
81 10 05 1700	0.001<				0.001	0.003<		0.001		0.0020<
81 11 20 1545	0.001<				0.001	0.003<		0.002		0.0020<
MAXIMUM		**0.050**	**0.017**		**0.020**		**0.002**	**0.006**	**0.004**	
ARITH MEAN		**0.050**	**0.015**		**0.007**		**0.002**	**0.003**	**0.004**	
GEOM MEAN			**0.015**		**0.004**			**0.003**		
MINIMUM		**0.050**	**0.014**		**0.001**		**0.002**	**0.001**	**0.004**	
STD DEV (GEOM *)			**0.002**		**0.007**			**0.002**		
# SAMPLES (IN STATISTICS)		**1**	**2**		**7**		**1**	**6**	**1**	

(CONTD)

B.O.W. / SITE: **ST MARYS RIVER**
SAMPLE POINT: **AT HWY.NO.2 SAULT STE.MARIE MICHIGAN USA**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
STATION ID: **13-0000-008-02**
STORET CODE: **02 002**
LAT: LONG: U.T.M: **16 0700350.0 5152250.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL. UNF.REAC MG/L AS HCN
81 01 30 1535		.3	1	0.001	
81 03 22 1525		.3	1	0.002<	
81 05 15 1235		.3	1		0.010<
81 06 29 1035		.3	1		0.010<
81 08 09 1525		.3	1		0.010<
81 10 05 1700		.3	1		0.005<T
MAXIMUM				**0.001**	**0.005**
ARITH MEAN				**0.001**	**0.005<A**
GEOM MEAN					
MINIMUM				**0.001**	**0.005**
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)				1	1

B.O.W. / SITE: **BIG CARP RIVER**
SAMPLE POINT: **AT HERKIMER STREET SAULT STE MARIE**
STATION TYPE: **RIVER FLOW GAUGE FED.02BF004**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BIG CARP RIVER**
STATION ID: **13-0003-001-02**
STORET CODE: **02 002 8640**
LAT: LONG: U.T.M: **16 0695650.0 5153350.0 4** REGION: **05** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
81 01 30 1645		.3	1	23710	0.140	0.0	8.0	0.025	0.001<	0.104	0.520	0.004	0.241
81 05 15 1330		.3	1	23735	0.387	10.0	11.00	0.022	0.006	0.106	0.66	0.019	0.090
81 06 29 1240		.3	1	23751	0.699	16.0		0.032	0.221	0.004	0.45	0.004	0.220
81 08 09 1615		.3	1	23769	0.188	22.0	9.00	0.032	0.001	0.006	0.58	0.005	0.240
81 10 05 1800		.3	1	23785	0.112	12.0	10.00	0.055	0.006	0.090	0.72	0.008	0.070
81 11 20 1620		.3	1	23803	0.288	2.0	12.00	0.158	0.125	0.050	0.35	0.003	0.135
MAXIMUM					**0.699**	**22.0**	**12.00**	**0.158**	**0.221**	**0.106**	**0.72**	**0.019**	**0.241**
ARITH MEAN					**0.302**	**12.4**	**10.0**	**0.054**	**0.072**	**0.060**	**0.54**	**0.007**	**0.166**
GEOM MEAN					**0.247**	**9.7**	**9.9**	**0.041**	**0.016**	**0.033**	**0.53**	**0.006**	**0.149**
MINIMUM					**0.112**	**2.0**	**8.0**	**0.022**	**0.001**	**0.004**	**0.35**	**0.003**	**0.070**
STD DEV (GEOM *)					**0.219**	**7.4**	**1.5**	**0.052**	**0.098**	**0.047**	**0.13**	**0.006**	**0.077**
# SAMPLES (IN STATISTICS)					6	5	5	6	5	6	6	6	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
81 01 30 1645		.3	1		0.349	0.416	0.765	64.00	3.00	61.000	94.0	2.90	3.400
81 05 15 1330		.3	1	0.110	0.215	0.554	0.769		3		74	4.00	3.20
81 06 29 1240		.3	1	0.225	0.228	0.446	0.674		9		72	1.50	2.60
81 08 09 1615		.3	1	0.245	0.251	0.574	0.825		6.1		88	4.00	3.50
81 10 05 1800		.3	1	0.080	0.168	0.630	0.798		5.0		110	3.90	6.10
81 11 20 1620		.3	1	0.140	0.188	0.300	0.488		1.9		93	2.70	4.25
MAXIMUM				**0.245**	**0.349**	**0.630**	**0.825**	**64.00**	**9**	**61.000**	**110**	**4.00**	**6.10**
ARITH MEAN				**0.160**	**0.233**	**0.487**	**0.720**	**64.00**	**4**	**61.000**	**88**	**3.17**	**3.84**
GEOM MEAN				**0.147**	**0.227**	**0.473**	**0.709**		**4**		**87**	**3.00**	**3.70**
MINIMUM				**0.080**	**0.168**	**0.300**	**0.488**	**64.00**	**1.9**	**61.000**	**72**	**1.50**	**2.60**
STD DEV (GEOM *)				**0.072**	**0.064**	**0.122**	**0.124**		**2**		**14**	**1.00**	**1.22**
# SAMPLES (IN STATISTICS)				5	6	6	6	1	6	1	6	6	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
81 01 30 1645		.3	1		30.0	7.01	0.980	9.600	2.150	51.000	0.75	3.800	27
81 05 15 1330		.3	1	10.5	21	7.15							
81 06 29 1240		.3	1	8.5	25	7.48							
81 08 09 1615		.3	1	10.0	27	7.54							
81 10 05 1800		.3	1	14.5	33	7.55							
81 11 20 1620		.3	1	14.5	30	7.29							
MAXIMUM				**14.5**	**33**	**7.55**	**0.980**	**9.600**	**2.150**	**51.000**	**0.75**	**3.800**	**27**
ARITH MEAN				**11.6**	**27**	**7.34**	**0.980**	**9.600**	**2.150**	**51.000**	**0.75**	**3.800**	**27**
GEOM MEAN				**11.3**	**27**	**7.33**							
MINIMUM				**8.5**	**21**	**7.01**	**0.980**	**9.600**	**2.150**	**51.000**	**0.75**	**3.800**	**27**
STD DEV (GEOM *)				**2.7**	**4**	**0.22**							
# SAMPLES (IN STATISTICS)				5	6	6	1	1	1	1	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
81 01 30 1645		.3	1	0.150	0.008	0.003<	0.007	0.075	0.003<
81 05 15 1330		.3	1		0.007	0.003<	0.007		
81 06 29 1240		.3	1		0.001<	0.003<	0.003		
81 08 09 1615		.3	1		0.001	0.003<	0.003		
81 10 05 1800		.3	1		0.004	0.004	0.012		
81 11 20 1620		.3	1		0.003	0.003<	0.008		
MAXIMUM				**0.150**	**0.008**	**0.004**	**0.012**	**0.075**	
ARITH MEAN				**0.150**	**0.005**	**0.004**	**0.007**	**0.075**	
GEOM MEAN					**0.004**		**0.006**		
MINIMUM				**0.150**	**0.001**	**0.004**	**0.003**	**0.075**	
STD DEV (GEOM *)					**0.003**		**0.003**		
# SAMPLES (IN STATISTICS)				1	5	1	6	1	

B.O.W./ SITE: **EAST DAVIGNON CREEK**
SAMPLE POINT: **NEAR MOUTH WEST OF ALGOMA STEEL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **EAST DAVIGNON CREEK**

STATION ID: **13-0008-001-02**
STORET CODE: **02 002 8600**

LAT: LONG: U T M: **16 0700925.0 5155300.0 4** REGION: **05** DISTANCE: **0.483**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 30 1610		3	1	23709	10 0	9 0	0 017	0 001	0 166	0 370	0 007	0 358	0 531
81 03 21 1645		3	1	23722	11 0	10 0	0 055	0 001	0 236	1 010	0 070	0 433	0 739
81 05 15 1310		3	1	23734	17 0	8 00	0 090		0 040	0 58			
81 06 29 1205		3	1	23750	20 0		0 032		0 004	0 25			
81 08 09 1600		3	1	23768	24 0	8 00	0 035		0 002	1 08			
81 10 05 1745		3	1	23784	16 0	7 00	0 200		0 144	0 58			
81 11 20 1620		3	1	23802	8 0	10 00	0 105		0 090	1 00			
MAXIMUM					**24.0**	**10.0**	**0.200**	**0.001**	**0.236**	**1.08**	**0.070**	**0.433**	**0.739**
ARITH MEAN					**15.1**	**8.6**	**0.076**	**0.001**	**0.097**	**0.69**	**0.038**	**0.395**	**0.635**
GEOM MEAN					**14.2**	**8.6**	**0.057**	**0.001**	**0.040**	**0.61**	**0.022**	**0.394**	**0.626**
MINIMUM					**8.0**	**7.00**	**0.017**	**0.001**	**0.002**	**0.25**	**0.007**	**0.358**	**0.531**
STD DEV (GEOM *)					**5.8**	**1.2**	**0.063**	**0.000**	**0.089**	**0.33**	**0.045**	**0.053**	**0.147**
# SAMPLES (IN STATISTICS)					**7**	**6**	**7**	**2**	**7**	**7**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 30 1610		3	1	0 204	0 735	91 00	6 00	85 000	130 0	5 00	7 050		46 0
81 03 21 1645		3	1	0 774	1 513	203 00	44 00	159 000	245 0	15 00	32 000		
81 05 15 1310		3	1	0 540			16	88	135			6 5	42
81 06 29 1205		3	1	0 246			31	117	180			11 0	47
81 08 09 1600		3	1	1 078			6 2	130	200			15 5	59
81 10 05 1745		3	1	0 436			11 0	91	140			12 0	45
81 11 20 1620		3	1	0 910			13 9	95	146			7 0	42
MAXIMUM				**1.078**	**1.513**	**203.00**	**44.00**	**159.000**	**245.0**	**15.00**	**32.000**	**15.5**	**59**
ARITH MEAN				**0.598**	**1.124**	**147.00**	**18**	**109**	**168**	**10.00**	**19.525**	**10.4**	**46**
GEOM MEAN				**0.510**	**1.055**	**135.92**	**14**	**106**	**163**	**8.66**	**15.020**	**9.9**	**46**
MINIMUM				**0.204**	**0.735**	**91.00**	**6.00**	**85.000**	**130.0**	**5.00**	**7.050**	**6.5**	**42**
STD DEV (GEOM *)				**0.334**	**0.550**	**79.20**	**14**	**27**	**42**	**7.07**	**17.642**	**3.7**	**6**
# SAMPLES (IN STATISTICS)				**7**	**2**	**2**	**7**	**7**	**7**	**2**	**2**	**5**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 30 1610		3	1	7 36	1 000<	3 700	14 800	3 050	49 000	1 05	3 500	27	0 002
81 03 21 1645		3	1	7 23	4 000	3 000	11 200	0 900	28 000				
81 05 15 1310		3	1	7 07	1	4 80						15	
81 06 29 1205		3	1	7 49	3	7 70						23	
81 08 09 1600		3	1	7 69	27	0 93						15	
81 10 05 1745		3	1	7 38	6	3 20						12	
81 11 20 1620		3	1	11 13	11	5 00						44	
MAXIMUM				**11.13**	**27**	**7.70**	**14.800**	**3.050**	**49.000**	**1.05**	**3.500**	**44**	**0.002**
ARITH MEAN				**7.91**	**8**	**4.04**	**13.000**	**1.975**	**38.500**	**1.05**	**3.500**	**23**	**0.002**
GEOM MEAN				**7.81**	**5**	**3.47**	**12.875**	**1.657**	**37.041**			**20**	
MINIMUM				**7.07**	**1**	**0.93**	**11.200**	**0.900**	**28.000**	**1.05**	**3.500**	**12**	**0.002**
STD DEV (GEOM *)				**1.43**	**9**	**2.10**	**2.548**	**1.520**	**14.849**			**12**	
# SAMPLES (IN STATISTICS)				**7**	**6**	**7**	**2**	**2**	**2**	**1**	**1**	**6**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 30 1610		3	1		0 044	0 001	0 021	0 004	0 0002<	0 017	0 093	0 006	0 150
81 03 21 1645		3	1	0 050	0 480		0 015	0 009		0 022	0 156	0 004	
MAXIMUM				**0.050**	**0.480**	**0.001**	**0.021**	**0.009**		**0.022**	**0.156**	**0.006**	**0.150**
ARITH MEAN				**0.050**	**0.262**	**0.001**	**0.018**	**0.006**		**0.019**	**0.124**	**0.005**	**0.150**
GEOM MEAN					**0.145**		**0.018**	**0.006**		**0.019**	**0.120**	**0.005**	
MINIMUM				**0.050**	**0.044**	**0.001**	**0.015**	**0.004**		**0.017**	**0.093**	**0.004**	**0.150**
STD DEV (GEOM *)					**0.308**		**0.004**	**0.004**		**0.004**	**0.045**	**0.001**	
# SAMPLES (IN STATISTICS)				**1**	**2**	**1**	**2**	**2**		**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 15 1310		3	1	0 010<
81 06 29 1205		3	1	0 010<
81 10 05 1745		3	1	0 005<T
MAXIMUM				**0.005**
ARITH MEAN				**0.005<A**
GEOM MEAN				
MINIMUM				**0.005**
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				**1**

B.O.W./ SITE: **FORT CREEK**
SAMPLE POINT: **AT MOUTH, SAULT STE MARIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **FORT CREEK**

STATION ID: **13-0009-001-02**
STORET CODE: **02 002 8590**

LAT: LONG: U T M: **16 0703800.0 5154550.0 4** REGION: **05** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 30 1510	3	1		23706	0.0	7.0	0.035	0.004	0.106	0.780	0.018	0.557	0.681
81 05 15 1200	3	1		23731	5.0	10.00	0.020						
81 08 09 1455	3	1		23765	20.0	9.00	0.085						
81 11 20 1515	3	1		23799	4.0	10.00	0.050						
MAXIMUM					**20.0**	**10.00**	**0.085**	**0.004**	**0.106**	**0.780**	**0.018**	**0.557**	**0.681**
ARITH MEAN					**9.7**	**9.0**	**0.047**	**0.004**	**0.106**	**0.780**	**0.018**	**0.557**	**0.681**
GEOM MEAN					**7.4**	**8.9**	**0.042**						
MINIMUM					**4.0**	**7.0**	**0.020**	**0.004**	**0.106**	**0.780**	**0.018**	**0.557**	**0.681**
STD DEV (GEOM *)					**9.0**	**1.4**	**0.028**						
# SAMPLES (IN STATISTICS)					**3**	**4**	**4**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*
81 01 30 1510	3	1		0.674	1.355	12.0	366.0	620.0	3.60	121.000		7.85	
81 05 15 1200	3	1				17		600	12.00	96.00	133	8.09	1<T
81 08 09 1455	3	1				30.3		560	34.00	97.00	104	7.69	1
81 11 20 1515	3	1				12.6		620	14.00	107.00	127	7.88	4
MAXIMUM				**0.674**	**1.355**	**30.3**	**366.0**	**620.0**	**34.00**	**121.000**	**133**	**8.09**	**4**
ARITH MEAN				**0.674**	**1.355**	**18**	**366.0**	**600**	**15.90**	**105.25**	**121**	**7.88**	**2<A**
GEOM MEAN						**16**		**599**	**11.97**	**104.78**	**121**	**7.88**	**2<A**
MINIMUM				**0.674**	**1.355**	**12.0**	**366.0**	**560**	**3.60**	**96.00**	**104**	**7.69**	**1**
STD DEV (GEOM *)						**8**		**28**	**12.88**	**11.61**	**15**	**0.16**	**2<A**
# SAMPLES (IN STATISTICS)				**1**	**1**	**4**	**1**	**4**	**4**	**4**	**3**	**4**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 05 15 1200	3	1		1.22	0.003	0.007	0.003<	0.031	0.002 <
81 08 09 1455	3	1		1.95	0.0060	0.008	0.005	0.020	0.0070
81 11 20 1515	3	1		1.10	0.0040	0.005<	0.003<	0.007	0.0020<
MAXIMUM				**1.95**	**0.0060**	**0.008**	**0.005**	**0.031**	**0.0070**
ARITH MEAN				**1.42**	**0.004**	**0.007**	**0.005**	**0.019**	**0.0070**
GEOM MEAN				**1.38**	**0.004**	**0.007**		**0.016**	
MINIMUM				**1.10**	**0.003**	**0.007**	**0.005**	**0.007**	**0.0070**
STD DEV (GEOM *)				**0.46**	**0.001**	**0.001**		**0.012**	
# SAMPLES (IN STATISTICS)				**3**	**3**	**2**	**1**	**3**	**1**

B.O.W./ SITE: **ROOT RIVER**
SAMPLE POINT: **AT HWY.NO.17 EAST OF SAULT STE MARIE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CA002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **ROOT RIVER**

STATION ID: **13-0011-001-02**
STORET CODE: **02 002 8570**

LAT: LONG: U T M: **16 0713250.0 5158350.0 4** REGION: **05** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 30 1345	3	1		23702	0.430	0.0	8.0	0.011	0.002	0.200	0.450	0.005	0.405
81 05 15 1035	3	1		23727	1.070	10.0	8.00	0.028	0.004	0.016	0.28		
81 11 20 1405	3	1		23795	0.992	1.0	12.00	0.021	0.003	0.064	0.32		
MAXIMUM					**1.070**	**10.0**	**12.00**	**0.028**	**0.004**	**0.200**	**0.450**	**0.005**	**0.405**
ARITH MEAN					**0.831**	**5.5**	**9.3**	**0.020**	**0.003**	**0.093**	**0.35**	**0.005**	**0.405**
GEOM MEAN					**0.770**	**3.2**	**9.1**	**0.019**	**0.003**	**0.059**	**0.34**		
MINIMUM					**0.430**	**1.0**	**8.0**	**0.011**	**0.002**	**0.016**	**0.28**	**0.005**	**0.405**
STD DEV (GEOM *)					**0.349**	**6.4**	**2.3**	**0.009**	**0.001**	**0.095**	**0.08**		
# SAMPLES (IN STATISTICS)					**3**	**2**	**3**	**3**	**3**	**3**	**3**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*
81 01 30 1345	3	1		0.610	0.250	0.860	4.0	74.000	114.0	2.30	12.500		6.93
81 05 15 1035	3	1			0.264		7		80	3.00	7.35	19	7.33
81 11 20 1405	3	1			0.256		8.9		84	4.20	6.85	21	6.99
MAXIMUM				**0.610**	**0.264**	**0.860**	**8.9**	**74.000**	**114.0**	**4.20**	**12.500**	**21**	**7.33**
ARITH MEAN				**0.610**	**0.257**	**0.860**	**6**	**74.000**	**92**	**3.17**	**8.90**	**20**	**7.08**
GEOM MEAN					**0.257**		**6**		**91**	**3.07**	**8.57**	**20**	**7.08**
MINIMUM				**0.610**	**0.250**	**0.860**	**4.0**	**74.000**	**80**	**2.30**	**6.85**	**19**	**6.93**
STD DEV (GEOM *)					**0.007**		**2**		**18**	**0.96**	**3.12**	**1**	**0.22**
# SAMPLES (IN STATISTICS)				**1**	**3**	**1**	**3**	**1**	**3**	**3**	**3**	**2**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
				PHNOL	*FEUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 30 1345		.3	1			0.110		0.005	0.003	0.004	0.003 <
81 05 15 1035		.3	1	1<T	0.45		0.002 <	0.005	0.003<	0.001<	0.002 <
81 11 20 1405		.3	1	3	0.61		0.0020	0.004	0.003<	0.005	0.0010<
	MAXIMUM			**3**	**0.61**	**0.110**	**0.0020**	**0.005**	**0.003**	**0.005**	
	ARITH MEAN			**2<A**	**0.53**	**0.110**	**0.0020**	**0.005**	**0.003**	**0.004**	
	GEOM MEAN			**2<A**	**0.52**			**0.005**		**0.004**	
	MINIMUM			**1**	**0.45**	**0.110**	**0.0020**	**0.004**	**0.003**	**0.004**	
	STD DEV (GEOM *)			**1<A**	**0.11**			**0.001**		**0.001**	
	# SAMPLES (IN STATISTICS)			**2**	**2**	**1**	**1**	**3**	**1**	**2**	

B.O.W / SITE: **ROOT RIVER**
SAMPLE POINT: **AT HWY.NO.17 NORTH OF SAULT STE MARIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **ROOT RIVER**

STATION ID: **13-0011-002-02**
STORET CODE: **02 002 8570**

LAT: LONG: U.T.M.: **16 0705300.0 5160999.0 4** REGION: **05** DISTANCE: **13.840**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
				SAMPLE	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 31 1120		.3	1	23711	0.0	9.0	0.006	0.001<	0.800	1.050	0.003	0.417	1.220
81 05 16 1045		.3	1	23736	10.0	9.00			0.342				
81 08 09 1650		.3	1	23770	20.0	9.00			0.004				
81 11 21 1345		.3	1	23804	0.0	13.00			0.148				
	MAXIMUM				**20.0**	**13.00**	**0.006**		**0.800**	**1.050**	**0.003**	**0.417**	**1.220**
	ARITH MEAN				**15.0**	**10.0**	**0.006**		**0.323**	**1.050**	**0.003**	**0.417**	**1.220**
	GEOM MEAN				**14.1**	**9.8**			**0.113**				
	MINIMUM				**10.0**	**9.0**	**0.006**		**0.004**	**1.050**	**0.003**	**0.417**	**1.220**
	STD DEV (GEOM *)				**7.1**	**2.0**			**0.347**				
	# SAMPLES (IN STATISTICS)				**2**	**4**	**1**		**4**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
				NNKUR	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*
81 01 31 1120		.3	1	0.250	1.470	1.0	77.000	118.0	1.20	14.000		7.04	
81 05 16 1045		.3	1					86	0.83		16	7.31	5
81 08 09 1650		.3	1					140	0.92		33	7.39	1
81 11 21 1345		.3	1					90	1.45		18	7.61	1
	MAXIMUM			**0.250**	**1.470**	**1.0**	**77.000**	**140**	**1.45**	**14.000**	**33**	**7.61**	**5**
	ARITH MEAN			**0.250**	**1.470**	**1.0**	**77.000**	**108**	**1.10**	**14.000**	**22**	**7.34**	**2**
	GEOM MEAN							**106**	**1.07**		**21**	**7.33**	**2**
	MINIMUM			**0.250**	**1.470**	**1.0**	**77.000**	**86**	**0.83**	**14.000**	**16**	**7.04**	**1**
	STD DEV (GEOM *)							**25**	**0.28**		**9**	**0.24**	**2**
	# SAMPLES (IN STATISTICS)			**1**	**1**	**1**	**1**	**4**	**4**	**1**	**3**	**4**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
				CUUT	*PBUT*	*ZNUT*
81 05 16 1045		.3	1	0.006	0.003<	0.002
81 08 09 1650		.3	1	0.001	0.003<	0.001
81 11 21 1345		.3	1	0.002	0.003<	0.026
	MAXIMUM			**0.006**		**0.026**
	ARITH MEAN			**0.003**		**0.010**
	GEOM MEAN			**0.002**		**0.004**
	MINIMUM			**0.001**		**0.001**
	STD DEV (GEOM *)			**0.003**		**0.014**
	# SAMPLES (IN STATISTICS)			**3**		**3**

B.O.W / SITE: **GARDEN RIVER**
SAMPLE POINT: **HIGHWAY 17, GARDEN RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **GARDEN RIVER**

STATION ID: **13-0013-001-02**
STORET CODE: **02 002 8550**

LAT: LONG: U.T.M.: **16 0717900.0 5158150.0 4** REGION: **05** DISTANCE: **2.253**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
				SAMPLE	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 30 1324		.3	1	23701	0.0	7.0	0.004	0.002	0.034	0.170	0.002	0.318	0.354
81 05 15 1035		.3	1	23726	10.0	9.00	0.022	0.013	0.070	0.29			
81 08 09 1330		.3	1	23760	20.0	8.00	0.016	0.003	0.006	0.21			
1400		.3	1	23761	20.0	8.00	0.042	0.006	0.006	0.30			
81 11 20 1350		.3	1	23794	1.0	12.00	0.015	0.002	0.050	0.32			
	MAXIMUM				**20.0**	**12.00**	**0.042**	**0.013**	**0.070**	**0.32**	**0.002**	**0.318**	**0.354**
	ARITH MEAN				**12.7**	**8.8**	**0.020**	**0.005**	**0.033**	**0.25**	**0.002**	**0.318**	**0.354**
	GEOM MEAN				**8.0**	**8.6**	**0.015**	**0.004**	**0.021**	**0.25**			
	MINIMUM				**1.0**	**7.0**	**0.004**	**0.002**	**0.006**	**0.170**	**0.002**	**0.318**	**0.354**
	STD DEV (GEOM *)				**9.1**	**1.9**	**0.014**	**0.005**	**0.028**	**0.06**			
	# SAMPLES (IN STATISTICS)				**4**	**5**	**5**	**5**	**5**	**5**	**1**	**1**	**1**

(CONTD)

B.O.W./ SITE: **GARDEN RIVER**
SAMPLE POINT: **HIGHWAY 17, GARDEN RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **GARDEN RIVER**

STATION ID: **13-0013-001-02**
STORET CODE: **02 002 8550**

LAT: LONG: U T M: **16 0717900.0 5158150.0 4** REGION: **05** DISTANCE: **2.253**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*
81 01 30 1324		.3	1	0.136	0.490	58.0	3.0	55.000	84.0	1.20	4.900		6.99
81 05 15 1035		.3	1	0.220			8		62	2.70	0.60	20	7.41
81 08 09 1330		.3	1	0.204			8.6		78	3.20	1.00	28	7.73
1400		.3	1	0.294			6.5		118	3.70	12.50	31	7.42
81 11 20 1350		.3	1	0.270			3.3		60	1.56	0.95	18	7.40
MAXIMUM				**0.294**	**0.490**	**58.0**	**8.6**	**55.000**	**118**	**3.70**	**12.50**	**31**	**7.73**
ARITH MEAN				**0.225**	**0.490**	**58.0**	**5**	**55.000**	**80**	**2.47**	**3.99**	**24**	**7.39**
GEOM MEAN				**0.217**			**5**		**77**	**2.27**	**2.03**	**24**	**7.39**
MINIMUM				**0.136**	**0.490**	**58.0**	**3.0**	**55.000**	**60**	**1.20**	**0.60**	**18**	**6.99**
STD DEV (GEOM *)				**0.062**			**2**		**23**	**1.07**	**5.07**	**6**	**0.26**
# SAMPLES (IN STATISTICS)				**5**	**1**	**1**	**5**	**1**	**5**	**5**	**5**	**4**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PHNOL*	*FEUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 30 1324		.3	1			0.170		0.007	0.004	0.006	0.005
81 05 15 1035		.3	1	1<T	0.28			0.003	0.003<	0.005	
81 08 09 1330		.3	1	1<T	0.65			0.020	0.003<	0.002	
1400		.3	1	1<T	1.00		0.0020<	0.001	0.003<	0.001	0.0020
81 11 20 1350		.3	1	1	0.25			0.004	0.003	0.007	
MAXIMUM				**1**	**1.00**	**0.170**		**0.020**	**0.004**	**0.007**	**0.005**
ARITH MEAN				**1<A**	**0.54**	**0.170**		**0.007**	**0.003**	**0.004**	**0.003**
GEOM MEAN				**1<A**	**0.46**			**0.004**	**0.003**	**0.003**	**0.003**
MINIMUM				**1**	**0.25**	**0.170**		**0.001**	**0.003**	**0.001**	**0.0020**
STD DEV (GEOM *)				**0<A**	**0.35**			**0.008**	**0.001**	**0.003**	**0.002**
# SAMPLES (IN STATISTICS)				**4**	**4**	**1**		**5**	**2**	**5**	**2**

B.O.W./ SITE: **THESSALON RIVER**
SAMPLE POINT: **AT MOUTH, SOUTH OF THESSALON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **THESSALON RIVER**

STATION ID: **14-0003-001-02**
STORET CODE: **02 002 8210**

LAT: LONG: U T M: **17 0302700.0 5125125.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 30 1220		.3	1	23700		0.0	8.0	0.013	0.001	0.072	0.460	0.003	0.172
81 04 10 1530		.3	1	22200		1.0	13.00	0.058	0.006	0.014	0.30		
81 05 01 1045		.3	1	22201		2.0	13.00	0.024	0.007	0.040	0.31		
81 09 28 1840		.3	1	22202		8.0	12.00	0.062	0.011	0.026	0.32		
81 11 08 1830		.3	1	22203	8	2.0		0.020	0.003	0.046	0.38		
MAXIMUM						**8.0**	**13.00**	**0.062**	**0.011**	**0.072**	**0.460**	**0.003**	**0.172**
ARITH MEAN						**3.2**	**11.5**	**0.035**	**0.006**	**0.040**	**0.35**	**0.003**	**0.172**
GEOM MEAN						**2.4**	**11.2**	**0.030**	**0.004**	**0.034**	**0.34**		
MINIMUM						**1.0**	**8.0**	**0.013**	**0.001**	**0.014**	**0.30**	**0.003**	**0.172**
STD DEV (GEOM *)						**3.2**	**2.3**	**0.023**	**0.004**	**0.022**	**0.06**		
# SAMPLES (IN STATISTICS)						**4**	**4**	**5**	**5**	**5**	**5**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*
81 01 30 1220		.3	1	0.247	0.388	0.635	66.0	6.0	60.000	92.0	1.70	1.900	
81 04 10 1530		.3	1		0.286			38		65		0.95	22
81 05 01 1045		.3	1		0.270			9		54	6.00	0.95	21
81 09 28 1840		.3	1		0.294			6.7		100	2.90	1.45	41
81 11 08 1830		.3	1		0.334			2.8		78	2.40	13.50	26
MAXIMUM				**0.247**	**0.388**	**0.635**	**66.0**	**38**	**60.000**	**100**	**6.00**	**13.50**	**41**
ARITH MEAN				**0.247**	**0.314**	**0.635**	**66.0**	**12**	**60.000**	**77**	**3.25**	**3.75**	**27**
GEOM MEAN					**0.312**			**8**		**75**	**2.90**	**2.01**	**26**
MINIMUM				**0.247**	**0.270**	**0.635**	**66.0**	**2.8**	**60.000**	**54**	**1.70**	**0.95**	**21**
STD DEV (GEOM *)					**0.047**			**14**		**18**	**1.90**	**5.46**	**9**
# SAMPLES (IN STATISTICS)				**1**	**5**	**1**	**1**	**5**	**1**	**5**	**4**	**5**	**4**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*PH*	*PHNOL*	*FEUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 30 1220	.3	1		7.03			0.090	0.006	0.003	0.008	0.003<
81 04 10 1530	.3	1		7.50		2.20		0.010<	0.030<	0.010<	
81 05 01 1045	.3	1		7.28	1<T	0.61		0.001<	0.003<	0.003	
81 09 28 1840	.3	1		7.62		0.60		0.003	0.003<	0.004	
81 11 08 1830	.3	1		7.19		0.28		0.002	0.003	0.005	
MAXIMUM				**7.62**	**1**	**2.20**	**0.090**	**0.006**	**0.003**	**0.008**	
ARITH MEAN				**7.32**	**1<A**	**0.92**	**0.090**	**0.004**	**0.003**	**0.005**	
GEOM MEAN				**7.32**		**0.69**		**0.003**	**0.003**	**0.005**	
MINIMUM				**7.03**	**1**	**0.28**	**0.090**	**0.002**	**0.003**	**0.003**	
STD DEV (GEOM *)				**0.24**		**0.87**		**0.002**	**0.000**	**0.002**	
# SAMPLES (IN STATISTICS)				**5**	**1**	**4**	**1**	**3**	**2**	**4**	

B.O.W./ SITE: **MISSISSAGI RIVER**
SAMPLE POINT: **AT MISSISSAGI CHUTE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MISSISSAGI RIVER**

STATION ID: **14-0012-001-02**
STORET CODE: **02 002 8110**

LAT: LONG: U T M: **17 0343360.0 5017525.0 4** REGION: **05** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 01 25 1700	.3	1		21600	8	38.500	0.015			0.310			
81 02 25 1700	.3	1		21623	8	194.000	0.011	0.002		0.270	0.005	0.265	
81 03 26 1500	.3	1		21647		109.000	0.010	0.001		0.260	0.004	0.201	
81 05 27	.3	1		21670		106.000	0.013	0.003	0.024	0.26	0.017	0.135	0.150
81 06 27	.3	1		21696		174.000	0.007	0.001<T	0.002	0.19			
81 07 27	.3	1		21722		53.100	0.008	0.002	0.004	0.23			
81 08 28	.3	1		21747		51.300	0.018	0.002	0.002<T	0.32	0.015	0.135	0.015
81 09 28	.3	1		21773		53.800	0.164	0.130	0.048	0.38	0.005	0.220	0.225
81 10 28	.3	1		21799		59.800	0.028	0.001	0.020	0.24	0.001	0.090	0.090
81 11 28	.3	1		21825		55.400	0.125	0.045	0.700	4.75			15.600
81 12 28	.3	1		21849		64.400	0.009	0.001	0.064	0.32			
MAXIMUM						**194.000**	**0.164**	**0.130**	**0.700**	**4.75**	**0.017**	**0.265**	**15.600**
ARITH MEAN						**87.209**	**0.037**	**0.019<A**	**0.108<A**	**0.68**	**0.008**	**0.174**	**3.216**
GEOM MEAN						**75.725**	**0.019**	**0.003<A**	**0.019<A**	**0.35**	**0.005**	**0.164**	**0.235**
MINIMUM						**38.500**	**0.007**	**0.001**	**0.002**	**0.19**	**0.001**	**0.090**	**0.015**
STD DEV (GEOM *)						**52.905**	**0.054**	**0.041<A**	**0.240<A**	**1.34**	**0.007**	**0.065**	**6.923**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**8**	**11**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 25 1700	.3	1						55.000	84.0	1.10	3.050	9.500	
81 02 25 1700	.3	1				0.540	4.00	55.000	84.0				26.0
81 03 26 1500	.3	1				0.465	3.00	34.000	526.0				26.0
81 05 27	.3	1		0.176	0.236	0.412	2	40	62	0.80	0.90		22
81 06 27	.3	1			0.188		2.6	124	190	0.57	0.65		21
81 07 27	.3	1			0.226		1.9	42	65	0.44	0.75		23
81 08 28	.3	1		0.152	0.318	0.470	1.1	43	66	0.55	0.75		25
81 09 28	.3	1		0.273	0.332	0.605	4.6	47	72	1.03	1.90		23
81 10 28	.3	1		0.111	0.220	0.331	0.4	38	59	1.72	0.90		21
81 11 28	.3	1			4.050	20.350	1.7	1977	2350	1.04	79.00		4
81 12 28	.3	1			0.256		1.0	53	82	1.52	1.15		32
MAXIMUM				**0.273**	**4.050**	**20.350**	**4.6**	**1977**	**2350**	**1.72**	**79.00**	**9.500**	**32**
ARITH MEAN				**0.178**	**0.728**	**3.310**	**2**	**228**	**330**	**0.97**	**9.89**	**9.500**	**22**
GEOM MEAN				**0.169**	**0.353**	**0.794**	**1**	**69**	**128**	**0.89**	**1.75**		**20**
MINIMUM				**0.111**	**0.188**	**0.331**	**0.4**	**34.000**	**59**	**0.44**	**0.65**	**9.500**	**4**
STD DEV (GEOM *)				**0.069**	**1.343**	**7.514**	**1**	**580**	**683**	**0.44**	**25.92**		**7**
# SAMPLES (IN STATISTICS)				**4**	**8**	**7**	**10**	**11**	**11**	**9**	**9**	**1**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
	TEST-NAME:			*PH*	*PHNOL*	*FEUT*	*ASUT*	*HGUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*
81 01 25 1700	.3	1		7.24		0.210		0.04 <	0.140		0.002	0.003<	0.0003
81 02 25 1700	.3	1		7.21			0.001<	0.060		0.006	0.001<	0.003<	0.0002<
81 03 26 1500	.3	1		7.45			0.001<	0.060<		0.002 <	0.001<	0.003<	0.0002<
81 05 27	.3	1		7.47	3	0.16	0.001<	0.06 <		0.0020	0.009	0.003<	0.0005
81 06 27	.3	1		7.38	1<T	0.16	0.001<	0.04 <		0.0020	0.001	0.006	0.0001<
81 07 27	.3	1		7.09	1<T	0.16	0.001<	0.05 <		0.0020	0.002	0.005	0.0001<
81 08 28	.3	1		7.32	1<T	0.14	0.001<	0.05 U		0.0010	0.001	0.003<	0.0001
81 09 28	.3	1		7.54		0.19	0.001<	0.06		0.0030	0.002	0.003<	0.0002
81 10 28	.3	1		7.34	1<T	0.20	0.001<	0.06		0.002 <	0.001<	0.003<	0.0002<
81 11 28	.3	1		8.36		0.19	0.001<	0.03 <		0.004	0.017	0.003<	0.0001<
81 12 28	.3	1		7.52	1	0.13	0.001<	0.02 U		0.001	0.002	0.003<	0.0001<
MAXIMUM				**8.36**	**3**	**0.210**		**0.06**	**0.140**	**0.006**	**0.017**	**0.006**	**0.0005**
ARITH MEAN				**7.45**	**1<A**	**0.17**		**0.05**	**0.140**	**0.002**	**0.004**	**0.005**	**0.0003**
GEOM MEAN				**7.44**	**1<A**	**0.16**		**0.04**		**0.002**	**0.003**	**0.005**	**0.0002**
MINIMUM				**7.09**	**1**	**0.13**		**0.02**	**0.140**	**0.0010**	**0.001**	**0.005**	**0.0001**
STD DEV (GEOM *)				**0.33**	**1<A**	**0.02**		**0.01**		**0.001**	**0.006**	**0.001**	**0.0002**
# SAMPLES (IN STATISTICS)				**11**	**6**	**9**		**5**	**1**	**8**	**8**	**2**	**4**

(CONTD)

B.O.W./ SITE: **MISSISSAGI RIVER**
SAMPLE POINT: **AT MISSISSAGI CHUTE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MISSISSAGI RIVER**

STATION ID: **14-0012-001-02**
STORET CODE: **02 002 8110**

LAT: LONG: U T M: **17 0343360.0 5017525.0 4** REGION: **05** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 25 1700		.3	1	0.008	0.040<	0.002<
81 02 25 1700		.3	1	0.005		
81 03 26 1500		.3	1	0.002		
81 05 27		.3	1	0.005		
81 06 27		.3	1	0.001		
81 07 27		.3	1	0.002		
81 08 28		.3	1	0.001		
81 09 28		.3	1	0.003		
81 10 28		.3	1	0.002		
81 11 28		.3	1	0.007		
81 12 28		.3	1	0.009		
MAXIMUM				**0.009**		
ARITH MEAN				**0.004**		
GEOM MEAN				**0.003**		
MINIMUM				**0.001**		
STD DEV (GEOM *)				**0.003**		
# SAMPLES (IN STATISTICS)				11		

B.O.W./ SITE: **MISSISSAGI RIVER**
SAMPLE POINT: **AT DEAN LAKE ROAD BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MISSISSAGI RIVER**

STATION ID: **14-0012-003-02**
STORET CODE: **02 002 8110**

LAT: LONG: U T M: **17 0333800.0 5123250.0 4** REGION: **05** DISTANCE: **16.415**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWFLOW STREAM FLOW M3 /S	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	HGUT MERCURY UNF.TOT. UG/L AS HG
81 03 02 1325		.3	1	50800	120.000	0.007	0.001<		0.208		4.0	72.0	0.050<
81 03 09 1420		.3	1	50801	80.700	0.006	0.006		0.183		4.0	70.0	0.040<
81 03 16 1300		.3	1	50802	64.400	0.007					0.8	72.0	0.040<
81 03 23 1305		.3	1	50803	108.000	0.013	0.002		0.204		6.0	70.0	0.030<
81 03 30 1330		.3	1	50804	169.000	0.230					6.0	68.0	0.040<
81 04 01 1330		.3	1	50805	218.000	0.012	0.001		0.239		6.0	68.0	0.040<
81 04 06 1320		.3	1	50806	438.000	0.011	0.002		0.197		42.0	56.0	0.030<
81 04 07 0840		.3	1	50807	485.000	0.019	0.003		0.173		24.0	56.0	0.030<
81 04 08 1400		.3	1	50809	476.000	0.024	0.002		0.183		22.0	54.0	0.030<
81 04 09 1330		.3	1	50810	399.000	0.013	0.002		0.212		21.0	47.0	0.040<
81 04 13 1300		.3	1	50811	199.000	0.014	0.002		0.205		11.0	49.0	0.050<
81 04 15 1330		.3	1	50812	200.000	0.013	0.002		0.187		14.0	47.0	0.040<
81 04 20 1410		.3	1	50813	260.000	0.014	0.001<		0.183		8.0	48.0	0.030<
81 04 22 1315		.3	1	50814	257.000	0.009	0.001<		0.183		10.0		0.050<
81 04 27 1310		.3	1	50815	176.000	0.008	0.001<		0.159		4.0	51.0	0.030<
81 04 29 1320		.3	1	50816	192.000	0.010	0.001<		0.152		2.0	520.0	0.050<
81 05 06 1255		.3	1	50818	140.000	0.020	0.001	0.002	0.130	0.130	3		0.04 <
81 05 11 0245		.3	1	50819	123.000	0.008	0.001	0.004	0.120	0.125	4		
81 05 13 1255		.3	1	50820	179.000	0.011	0.001<T	0.001	0.150	0.150	7		
81 05 18 1200		.3	1	50821	107.000	0.007	0.001<T	0.002	0.140	0.140	3		
81 05 20 1305		.3	1	50822	121.000	0.016	0.003	0.002	0.145	0.145	3		
81 05 25 1620		.3	1	50823	86.100	0.005	0.001<T	0.001	0.130	0.130	4		
81 06 01 1615		.3	1	50824	97.300	0.014	0.003	0.001	0.140	0.140	4		0.08 <
81 06 03 2100		.3	1	50825	93.400	0.009	0.001	0.001	0.001	0.125	2		
81 06 08 1230		.3	1	50826	112.000	0.008	0.001<T	0.002	0.135	0.135	1		
81 06 15 1800		.3	1	50827	130.000	0.035	0.001<T	0.002	0.105	0.105	4		
81 06 17 1200		.3	1	50828	146.000	0.010					4		
81 06 21 1305		.3	1	50829	166.000	0.007	0.002	0.004	0.095	0.100	2		
81 06 23 1200		.3	1	50830	158.000	0.008	0.002	0.025	0.105	0.130	2		
81 07 06 1330		.3	1	50831	193.000	0.005					5		0.05 <
81 07 13 1340		.3	1	50823	71.700		0.001	0.003	1.050	0.105			
81 07 20 1125		.3	1	50833	102.000	0.002					2		
81 07 27 1830		.3	1	50834	53.100		0.001	0.002	0.100	0.100			
81 08 03 1130		.3	1	50835	53.800	0.012					4.6		0.06 <
81 08 10 1400		.3	1	50836	85.600		0.000	0.023	0.150	0.175			
81 08 17 1900		.3	1	50837	52.900	0.002					1.9		
81 08 24 1400		.3	1	50838	52.800		0.002	0.011	0.085	0.095			
81 08 31 1450		.3	1	50839	52.000	0.020					3.1		
81 09 07 1530		.3	1	50840	53.000		0.002	0.001	0.070	0.070			
81 09 14 1400		.3	1	50841	53.000	0.012					5.1		0.04 <
81 09 21 1100		.3	1	50842	53.100		0.001	0.003	0.170	0.175			
81 10 05 1400		.3	1	50843	52.700	0.038					4.0		
81 10 12 0300		.3	1	50844	53.400		0.010	0.003	0.080	0.085			
81 10 29 1100		.3	1	50845	65.900	0.020					2.8		0.08 <
81 11 02 1400		.3	1	50846	56.200		0.002	0.005	0.090	0.095			
81 11 09 1400		.3	1	50847	77.600	0.012					2.3		
81 11 16 1430		.3	1	50848	48.500		0.002	0.001	0.115	0.115			
81 11 23 1400		.3	1	50850	38.500	0.008					2.2		0.03 <
81 11 30 1430		.3	1	50850	72.200		0.001	0.001	0.090	0.090			
81 12 23 1330		.3	1	50851	68.500	0.009					0.6		0.03 <
MAXIMUM					**485.000**	**0.230**	**0.010**	**0.025**	**1.050**	**0.175**	**42.0**	**520.0**	
ARITH MEAN					**138.208**	**0.018**	**0.002<A**	**0.005**	**0.168**	**0.121**	**6**	**89.9**	
GEOM MEAN					**109.355**	**0.011**	**0.002<A**	**0.003**	**0.130**	**0.118**	**4**	**67.5**	
MINIMUM					**38.500**	**0.002**	**0.001**	**0.001**	**0.001**	**0.070**	**0.6**	**47.0**	
STD DEV (GEOM *)					**109.626**	**0.035**	**0.002<A**	**0.007**	**0.159**	**0.028**	**8**	**119.4**	
# SAMPLES (IN STATISTICS)					50	40	30	22	36	22	40	15	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
81 03 02 1325		.3	1	0.001<	0.003<	0.0002<
81 03 09 1420		.3	1	0.002	0.003<	0.0002<
81 03 16 1300		.3	1		0.003<	0.0002<
81 03 23 1305		.3	1	0.001<	0.003<	0.0002<
81 03 30 1330		.3	1		0.003<	0.0002<
81 04 01 1330		.3	1	0.001<	0.003<	0.0002<
81 04 06 1320		.3	1	0.001<	0.003<	0.0002<
81 04 07 0840		.3	1	0.001<	0.003<	0.0002<
81 04 08 1400		.3	1	0.006	0.003<	0.0002<
81 04 09 1330		.3	1	0.002	0.053	0.0003
81 04 13 1300		.3	1	0.001<	0.003<	0.0002<
81 04 15 1330		.3	1	0.001<	0.003<	0.0002<
81 04 20 1410		.3	1	0.001<	0.003<	0.0002<
81 04 22 1315		.3	1	0.001<	0.003<	0.0002<
81 04 27 1310		.3	1	0.001<	0.003<	0.0002<
81 04 29 1320		.3	1	0.001<	0.003<	0.0002<
81 05 06 1255		.3	1	0.001<	0.003<	0.0002<
81 05 11 0245		.3	1	0.002	0.003<	0.0002
81 05 13 1255		.3	1	0.002	0.003<	0.0002<
81 05 18 1200		.3	1	0.003	0.003<	0.0002<
81 05 20 1305		.3	1	0.010	0.003<	0.0002<
81 05 25 1620		.3	1	0.002	0.006	0.0002<
81 06 01 1615		.3	1	0.003	0.003	0.0002<
81 06 03 2100		.3	1	0.001	0.004	0.0002<
81 06 08 1230		.3	1	0.006	0.003	0.0002<
81 06 15 1800		.3	1	0.005	0.009	0.0001<
81 06 17 1200		.3	1		0.006	0.0002<
81 06 21 1305		.3	1	0.001	0.003<	0.0002<
81 06 23 1200		.3	1	0.001	0.003<	0.0002<
81 07 06 1330		.3	1		0.003<	0.0002<
81 07 13 1340		.3	1	0.004		
81 07 20 1125		.3	1		0.003<	0.0001<
81 07 27 1830		.3	1	0.004		
81 08 03 1130		.3	1		0.003<	0.0001<
81 08 10 1400		.3	1	0.003		
81 08 17 1900		.3	1		0.003<	0.0002<
81 08 24 1400		.3	1	0.002		
81 09 07 1530		.3	1	0.001		
81 09 14 1400		.3	1		0.003<	0.0001<
81 09 21 1100		.3	1	0.002		
81 10 12 0300		.3	1	0.003		
81 10 29 1100		.3	1		0.003<	0.0001<
81 11 02 1400		.3	1	0.003		
81 11 16 1430		.3	1	0.003		
81 11 23 1400		.3	1		0.005	0.0001<
81 11 30 1430		.3	1	0.001		
81 12 23 1330		.3	1		0.003<	0.0002
MAXIMUM				**0.010**	**0.053**	**0.0003**
ARITH MEAN				**0.003**	**0.011**	**0.0002**
GEOM MEAN				**0.002**	**0.006**	**0.0002**
MINIMUM				**0.001**	**0.003**	**0.0002**
STD DEV (GEOM *)				**0.002**	**0.017**	**0.0001**
# SAMPLES (IN STATISTICS)				**24**	**8**	**3**

B.O.W./ SITE: **MISSISSAGI RIVER**
SAMPLE POINT: **AT MOUTH**
STATION TYPE: **RIVER FLOW GAUGE FED.02CC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MISSISSAGI RIVER**

STATION ID: **14-0012-004-02**
STORET CODE: **02 002 8110**

LAT: LONG: U T M: **17 0344350.0 5115400.0 4** REGION: **05** DISTANCE: **0.500**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWFLOW STREAM FLOW M3 /S	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 06 27		.3	1	21697	174.000	0.006	0.001<T	0.002	0.17	0.001	0.144	0.145	0.147
81 07 27		.3	1	21723	53.100	0.008	0.003	0.014	0.24	0.001<T	0.115	0.115	0.130
81 08 27		.3	1	21748	52.300	0.024	0.003	0.002<T	0.27	0.002	0.135	0.135	0.139
81 09 27		.3	1	21774	55.600	0.345	0.210	0.046	0.26	0.005	0.160	0.165	0.211
81 10 27		.3	1	21800	78.600	0.018	0.001	0.030	0.24	0.001	0.095	0.095	0.126
81 11 27		.3	1	21826	42.500	0.109	0.088	0.158	0.39	0.035	0.055	0.090	0.248
81 12 27		.3	1	21850	61.200	0.006	0.001<T	0.096	0.39	0.001<T	0.095	0.095	0.192
MAXIMUM					**174.000**	**0.345**	**0.210**	**0.158**	**0.39**	**0.035**	**0.160**	**0.165**	**0.248**
ARITH MEAN					**73.900**	**0.074**	**0.044<A**	**0.050<A**	**0.28**	**0.007<A**	**0.114**	**0.120**	**0.170**
GEOM MEAN					**66.065**	**0.024**	**0.006<A**	**0.020<A**	**0.27**	**0.002<A**	**0.109**	**0.117**	**0.165**
MINIMUM					**42.500**	**0.006**	**0.001**	**0.002**	**0.17**	**0.001**	**0.055**	**0.090**	**0.126**
STD DEV (GEOM *)					**45.504**	**0.125**	**0.080<A**	**0.058<A**	**0.08**	**0.013<A**	**0.036**	**0.029**	**0.047**
# SAMPLES (IN STATISTICS)					**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 06 27		.3	1	0.168	0.315	1.8	41	63	7.5	21	7.28	0.17	0.001<
81 07 27		.3	1	0.226	0.356	1.4	44	68	8.5	25	7.17	0.17	0.001<
81 08 27		.3	1	0.268	0.407	2.6	43	66	12.5	25	7.52	0.30	0.001<
81 09 27		.3	1	0.214	0.425	5.4	64	98	8.5	37	7.85	0.22	0.001<
81 10 27		.3	1	0.210	0.336	1.7	38	58	8.5	20	7.30	0.18	0.001<
81 11 27		.3	1	0.232	0.480	0.4	28	43	13.0	7	7.35	0.22	0.001<
81 12 27		.3	1	0.294	0.486	1.5	46	71	8.0	27	7.33	0.13	0.001<
MAXIMUM				**0.168**	**0.315**	**5.4**	**64**	**98**	**13.0**	**37**	**7.85**	**0.30**	
ARITH MEAN				**0.168**	**0.315**	**2.1**	**43**	**67**	**9.5**	**23**	**7.40**	**0.20**	
GEOM MEAN						**1.7**	**42**	**65**	**9.3**	**21**	**7.40**	**0.19**	
MINIMUM				**0.168**	**0.315**	**0.4**	**28**	**43**	**7.5**	**7**	**7.17**	**0.13**	
STD DEV (GEOM *)						**1.6**	**11**	**17**	**2.3**	**9**	**0.22**	**0.05**	
# SAMPLES (IN STATISTICS)				**1**	**1**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	

(CONTD)

B.O.W./ SITE: **MISSISSAGI RIVER**
SAMPLE POINT: **AT MOUTH**
STATION TYPE: **RIVER FLOW GAUGE FED.02CC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **MISSISSAGI RIVER**

STATION ID: **14-0012-004-02**
STORET CODE: **02 002 8110**

LAT: LONG: U T M: **17 0344350.0 5115400.0 4** REGION: **05** DISTANCE: **0.500**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L
TEST-NAME:				ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT	RA226F	GACF	GACP	GBCF
81 06 27		.3	1	0.090	0.001	0.006	0.001	0.018	0.0020	1<	2	1<	4
81 07 27		.3	1	0.068	0.001	0.003<	0.001<	0.024	0.0010<	1<	9	1<	1
81 08 27		.3	1	0.340	0.001<W	0.003	0.004	0.034	0.0010	1<	4	1<	2
81 09 27		.3	1	0.220	0.003	0.003<	0.003	0.026	0.0030	1<	1	1<	1
81 10 27		.3	1	0.061	0.001	0.003<	0.005	0.014	0.002 <	1<	7	1<	2
81 11 27		.3	1	0.038	0.001	0.004	0.010	0.018	0.001	1<	1	1<	1
81 12 27		.3	1	0.038	0.001	0.003<	0.007	0.014	0.001 <	1<	1	1<	2
MAXIMUM				**0.340**	**0.003**	**0.006**	**0.010**	**0.034**	**0.0030**		**9**		**4**
ARITH MEAN				**0.122**	**0.001<A**	**0.004**	**0.005**	**0.021**	**0.001**		**4**		**2**
GEOM MEAN				**0.088**	**0.001<A**	**0.004**	**0.004**	**0.020**	**0.001**		**2**		**2**
MINIMUM				**0.038**	**0.001**	**0.003**	**0.001**	**0.014**	**0.0010**		**1**		**1**
STD DEV (GEOM *)				**0.115**	**0.001<A**	**0.002**	**0.003**	**0.007**	**0.001**		**3**		**1**
# SAMPLES (IN STATISTICS)				7	7	3	6	7	4		7		7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				GBCP	UU238
81 06 27		.3	1	1	3<
81 07 27		.3	1	1<	6
81 08 27		.3	1	1<	3<
81 09 27		.3	1	1<	3<
81 10 27		.3	1	1<	5
81 11 27		.3	1	1<	3<
81 12 27		.3	1	1<	3<
MAXIMUM				1	**6**
ARITH MEAN				1	**5**
GEOM MEAN					**5**
MINIMUM				1	**5**
STD DEV (GEOM *)					1
# SAMPLES (IN STATISTICS)				1	2

B.O.W./ SITE: **BLIND RIVER**
SAMPLE POINT: **AT HIGHWAY 17 BRIDGE BLIND RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **BLIND RIVER**

STATION ID: **14-0014-003-02**
STORET CODE: **02 002 8090**

LAT: LONG: U T M: **17 0349020.0 5016350.0 4** REGION: **05** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L
TEST-NAME:				SAMPLE	FWSTRC	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR
81 01 25 1730		.3	1	21602	8	0.021			0.520				
81 02 25 1730		.3	1	21625	8	0.021			0.460				
81 03 26 1730		.3	1	21649		0.027	0.016	0.022	0.260	0.005	0.285	0.312	0.238
81 05 27		.3	1	21672		0.017	0.001<T	0.144	0.44				0.296
81 06 27		.3	1	21698		0.019	0.003	0.002	0.29				0.288
81 07 27		.3	1	21724		0.026	0.012	0.006	0.42				0.414
81 08 27		.3	1	21749		0.083	0.050	0.002<T	0.36				0.358
81 09 27		.3	1	21775		0.125	0.096	0.094	0.46				0.366
81 10 27		.3	1	21801		0.029	0.012	0.050	0.31				0.260
81 11 27		.3	1	21827		0.104	0.075	0.240	0.33				0.090
81 12 27		.3	1	21851		0.025	0.006	0.354	0.75				0.396
MAXIMUM						**0.125**	**0.096**	**0.354**	**0.75**	**0.005**	**0.285**	**0.312**	**0.414**
ARITH MEAN						**0.045**	**0.030<A**	**0.102<A**	**0.41**	**0.005**	**0.285**	**0.312**	**0.301**
GEOM MEAN						**0.034**	**0.014<A**	**0.031<A**	**0.40**				**0.279**
MINIMUM						**0.017**	**0.001**	**0.002**	**0.260**	**0.005**	**0.285**	**0.312**	**0.090**
STD DEV (GEOM *)						**0.039**	**0.035<A**	**0.124<A**	**0.13**				**0.100**
# SAMPLES (IN STATISTICS)						11	9	9	11	1	1	1	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT	PH
81 01 25 1730		.3	1				34.000	52.0	1.00	1.300			7.04
81 02 25 1730		.3	1		35.0	0.2	35.000	54.0	1.00	1.650			7.44
81 03 26 1730		.3	1	0.550	35.0	1.0	34.000	52.0	1.20	1.350	9.000		7.35
81 05 27		.3	1			1		47	2.70	1.10		14	7.13
81 06 27		.3	1			4.1		48	0.57	0.95		15	6.98
81 07 27		.3	1			4.7		52	0.51	1.25		13	6.82
81 08 27		.3	1			2.1		58	0.57	1.75		15	6.78
81 09 27		.3	1			2.9		68	0.84	1.80		25	7.56
81 10 27		.3	1			0.6		46	1.53	3.55		12	7.01
81 11 27		.3	1			0.5		210	0.43	11.50		4	6.63
81 12 27		.3	1			1.9		57	1.71	1.60		14	6.81
MAXIMUM				**0.550**	**35.0**	4.7	**35.000**	**210**	**2.70**	**11.50**	**9.000**	**25**	**7.56**
ARITH MEAN				**0.550**	**35.0**	1	**34.333**	**67**	**1.10**	**2.52**	**9.000**	**14**	**7.05**
GEOM MEAN					**35.0**	1	**34.330**	**60**	**0.94**	**1.83**		**13**	**7.04**
MINIMUM				**0.550**	**35.0**	0.2	**34.000**	**46**	**0.43**	**0.95**	**9.000**	**4**	**6.63**
STD DEV (GEOM *)					0.0	1	0.577	**47**	**0.68**	**3.05**		**6**	**0.30**
# SAMPLES (IN STATISTICS)				1	2	10	3	11	11	11	1	8	11

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L
TEST-NAME:				PHNOL	FEUT	ALUT	CUUT	PBUT	CDUT	ZNUT	NIUT	COUT	RA226F
81 01 25 1730		.3	1		0.220	0.140	0.001<	0.003<	0.0002<	0.009	0.002<		
81 02 25 1730		.3	1		0.180	0.100	0.001<	0.003<	0.0003	0.006	0.002		
81 03 26 1730		.3	1		0.160	0.033	0.001<	0.003<	0.0002<	0.004	0.003<	0.002<	
81 05 27		.3	1	1<T	0.27		0.003	0.004		0.004			
81 06 27		.3	1	1<T	0.40		0.002	0.007		0.003			
81 07 27		.3	1	1<T	0.24		0.002	0.004		0.004			
81 08 27		.3	1	1<T	0.26		0.002	0.003<		0.002			
81 09 27		.3	1	1<T	0.18		0.009	0.003<		0.002			1<
81 10 27		.3	1	1<T	0.12		0.006	0.003<		0.008			
81 11 27		.3	1		0.04		0.006	0.006		0.026			
81 12 27		.3	1	1<T	0.16		0.004	0.003		0.016			
MAXIMUM				1	0.40	0.140	0.009	0.007	0.0003	0.026	0.002		
ARITH MEAN				1<A	0.20	0.091	0.004	0.005	0.0003	0.008	0.002		
GEOM MEAN				1<A	0.17	0.077	0.004	0.005		0.005			
MINIMUM				1	0.04	0.033	0.002	0.003	0.0003	0.002	0.002		
STD DEV (GEOM *)				0<A	0.09	0.054	0.003	0.002		0.007			
# SAMPLES (IN STATISTICS)				7	11	3	8	5	1	11	1		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				GACF	GACP	GBCF	GBCP	UU238
81 09 27		.3	1	1	1<	2	1<	3<
MAXIMUM				1		2		
ARITH MEAN				1		2		
GEOM MEAN								
MINIMUM				1		2		
STD DEV (GEOM *)								
# SAMPLES (IN STATISTICS)				1		1		

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **AT OLD HWY.NO.17 E.OF HWYS.106&17 57 2**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-001-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0383350.0 5118400.0 4** REGION: **05** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR
81 01 25 1830		.3	1	21604	8	6.050	0.050			1.360			
81 02 25 1830		.3	1	21627	8	17.500	0.019			1.320			
81 03 26 1830		.3	1	21651		23.800	0.010	0.001	0.344	0.660	0.050	1.850	2.244
81 05 27		.3	1	21674		14.700	0.018	0.001<T	0.132	0.80			
81 06 27		.3	1	21700		14.600	0.014	0.001<T	0.002<T	0.29			
81 07 27		.3	1	21726		9.480	0.009	0.001	0.430	0.70			
81 08 27		.3	1	21751		3.240	0.023	0.010	0.280	0.50			
81 09 27		.3	1	21777		2.170	0.208	0.160	0.242	0.46			
81 10 27		.3	1	21803		15.000	0.016	0.001	0.260	0.65			
81 11 27		.3	1	21829		8.790	0.012	0.002		88.00			
81 12 27		.3	1	21852		10.600	0.030	0.001<T	0.374	0.70			
MAXIMUM						23.800	0.208	0.160	0.430	88.00	0.050	1.850	2.244
ARITH MEAN						11.448	0.037	0.020<A	0.258<A	8.67	0.050	1.850	2.244
GEOM MEAN						9.396	0.022	0.002<A	0.150<A	1.05			
MINIMUM						2.170	0.009	0.001	0.002	0.29	0.050	1.850	2.244
STD DEV (GEOM *)						6.454	0.058	0.053<A	0.138<A	26.31			
# SAMPLES (IN STATISTICS)						11	11	9	8	11	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT
81 01 25 1830		.3	1			197.0	15.0	182.000	280.0	2.10	8.850		
81 02 25 1830		.3	1			168.0	29.0	159.000	245.0	1.80	7.400		
81 03 26 1830		.3	1	0.316	2.560	106.0	2.0	104.000	160.0	1.40	4.450	47.500	
81 05 27		.3	1	0.668			4		210	1.50	6.65		6
81 06 27		.3	1	0.288			5.0		190	0.42	5.65		5
81 07 27		.3	1	0.270			1.5		230	0.37	6.10		6
81 08 27		.3	1	0.220			4.2		240	0.90	6.10		4
81 09 27		.3	1	0.218			2.0		250	1.35	7.65		7
81 10 27		.3	1	0.390			1.6		160	1.64	4.55		6
81 11 27		.3	1				5.4		3600	4.70	25.50		58
81 12 27		.3	1	0.326			3.8		185	1.12	6.10		10
MAXIMUM				0.668	2.560	197.0	29.0	182.000	3600	4.70	25.50	47.500	58
ARITH MEAN				0.337	2.560	157.0	8	148.333	522	1.57	8.09	47.500	13
GEOM MEAN				0.318		151.9	4	144.378	273	1.28	7.07		8
MINIMUM				0.218	2.560	106.0	1.5	104.000	160.0	0.37	4.450	47.500	4
STD DEV (GEOM *)				0.145		46.5	8	40.079	1021	1.17	5.91		18
# SAMPLES (IN STATISTICS)				8	1	3	11	3	11	11	11	1	8

(CONTD)

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **AT OLD HWY.NO.17 E.OF HWYS.108&17 57 2**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-001-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0383350.0 5118400.0 4** REGION: **05** DISTANCE: **8.207**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH	PHNOL	FEUT	ALUT	CUUT	PBUT	CDUT	ZNUT	NIUT	COUT
				PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
81 01 25 1830		.3	1	6.91		0.650	0.680	0.008	0.011	0.001	0.050	0.012	
81 02 25 1830		.3	1	6.91		0.820	0.600	0.009	0.009	0.0002<	0.046	0.012	
81 03 26 1830		.3	1	7.24		0.160	0.089	0.001<	0.003<	0.0002<	0.009	0.003<	0.002<
81 05 27		.3	1	6.52	1	0.29		0.050	0.003		0.100		
81 06 27		.3	1	6.10	1<T	0.24		0.002	0.006		0.011		
81 07 27		.3	1	6.72	1<T	0.08		0.005	0.005		0.008		
81 08 27		.3	1	6.56		0.14		0.003	0.003<		0.010		
81 09 27		.3	1	7.05	1<T	0.11		0.004	0.011		0.012		
81 10 27		.3	1	6.67	1<T	0.14		0.001	0.003<		0.008		
81 11 27		.3	1	8.73		1.65							
81 12 27		.3	1	7.23	1	0.33		0.002	0.006		0.014		
MAXIMUM				**8.73**	**1**	**1.65**	**0.680**	**0.050**	**0.011**	**0.001**	**0.100**	**0.012**	
ARITH MEAN				**6.97**	**1<A**	**0.41**	**0.456**	**0.009**	**0.007**	**0.001**	**0.027**	**0.012**	
GEOM MEAN				**6.94**	**1<A**	**0.27**	**0.331**	**0.005**	**0.007**		**0.017**	**0.012**	
MINIMUM				**6.10**	**1**	**0.08**	**0.089**	**0.001**	**0.003**	**0.001**	**0.008**	**0.012**	
STD DEV (GEOM *)				**0.67**	**0<A**	**0.47**	**0.321**	**0.015**	**0.003**		**0.030**	**0.000**	
# SAMPLES (IN STATISTICS)				**11**	**6**	**11**	**3**	**9**	**7**	**1**	**10**	**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RA226F	GACF	GACP	GBCF	GBCP	UU238
				RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
81 01 25 1830		.3	1	3	13	1	10	3	10<
81 02 25 1830		.3	1	1<	10	1	5	1	10<
81 05 27		.3	1	1	6	1	4	1	3
81 06 27		.3	1	2	8	1	8	1	3<
81 07 27		.3	1	2	13	1	8	1	4
81 08 27		.3	1	2	5	3	6	1	3<
81 10 27		.3	1	1	13	1	6	1<	7
81 11 27		.3	1	2	8	1	8	1<	3<
81 12 27		.3	1	2	6	1	6	1	3<
MAXIMUM				**3**	**13**	**3**	**10**	**3**	**7**
ARITH MEAN				**2**	**9**	**1**	**7**	**1**	**5**
GEOM MEAN				**2**	**9**	**1**	**7**	**1**	**4**
MINIMUM				**1**	**5**	**1**	**4**	**1**	**3**
STD DEV (GEOM *)				**1**	**3**	**1**	**2**	**1**	**2**
# SAMPLES (IN STATISTICS)				**8**	**9**	**9**	**9**	**7**	**3**

B.O.W./ SITE: **DEPOT LAKE OUTLET**
SAMPLE POINT: **AT LAKE DEPOT 52 1**
STATION TYPE: **RIVER FLOW GAUGE MOE 02CD101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-002-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0381500.0 5132250.0 4** REGION: **05** DISTANCE: **46.509**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE	FWSTRC	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR
				SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
81 01 26 1800		.3	1	21605	8	0.018	0.004	0.084	0.370	0.006	0.326		0.416
81 02 26 1800		.3	1	21628	8	0.019	0.001	0.070	0.870	0.012	0.388		0.470
81 03 27 1800		.3	1	21652		0.026	0.016	0.012	0.280	0.004	0.391		0.407
81 05 28		.3	1	21675		0.015	0.002	0.100	0.33	0.004	0.020	0.025	0.124
81 06 27		.3	1	21701		0.008	0.001<T	0.024	0.26	0.056	2.95	3.000	3.030
81 07 28		.3	1	21727		0.006	0.002	0.052	0.27	0.001<T	0.030	0.030	0.083
81 08 28		.3	1	21752		0.028	0.007	0.006	0.55	0.155	0.005<T	0.155	0.166
81 09 28		.3	1	21778		0.245	0.220	0.086	0.46	0.002	0.025	0.025	0.113
81 10 28		.3	1	21804		0.110	0.001	0.102	0.58	0.001	0.085	0.085	0.188
81 11 28		.3	1	21830		0.012	0.005	0.032	1.12	0.056	0.145	0.200	0.233
81 12 28		.3	1	21853		0.032	0.005	0.156	0.48	0.017	0.125	0.140	0.298
MAXIMUM						**0.245**	**0.220**	**0.156**	**1.12**	**0.155**	**2.95**	**3.000**	**3.030**
ARITH MEAN						**0.047**	**0.024<A**	**0.066**	**0.50**	**0.029<A**	**0.40 <A**	**0.457**	**0.503**
GEOM MEAN						**0.024**	**0.004<A**	**0.047**	**0.45**	**0.009<A**	**0.10 <A**	**0.110**	**0.272**
MINIMUM						**0.006**	**0.001**	**0.006**	**0.26**	**0.001**	**0.005**	**0.025**	**0.083**
STD DEV (GEOM *)						**0.072**	**0.065<A**	**0.046**	**0.27**	**0.047<A**	**0.85 <A**	**1.029**	**0.849**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**11**	**11**	**11**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT
				KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
81 01 26 1800		.3	1	0.286	0.702	106.0	2.0	104.000	160.0	0.78	14.000	35.500	
81 02 26 1800		.3	1	0.800	1.270	106.0	2.0	104.000	160.0	0.79	14.000	36.500	
81 03 27 1800		.3	1	0.268	0.675	100.0	2.0	98.000	150.0	1.20	11.500	36.500	
81 05 28		.3	1	0.230	0.354				44	0.78	9.05		11
81 06 27		.3	1	0.236	3.266				180	0.63	10.70		11
81 07 28		.3	1	0.218	0.301				190	0.34	11.00		12
81 08 28		.3	1	0.544	0.710				185	0.63	11.00		13
81 09 28		.3	1	0.374	0.487				190	0.65	11.00		15
81 10 28		.3	1	0.478	0.666				170	2.10	11.50		12
81 11 28		.3	1	1.088	1.321				56	1.22	1.20		11
81 12 28		.3	1	0.324	0.622				195	0.78	13.00		22
MAXIMUM				**1.088**	**3.266**	**106.0**	**2.0**	**104.000**	**195**	**2.10**	**14.000**	**36.500**	**22**
ARITH MEAN				**0.441**	**0.943**	**104.0**	**2.0**	**102.000**	**152**	**0.90**	**10.72**	**36.167**	**13**
GEOM MEAN				**0.381**	**0.746**	**104.0**	**2.0**	**101.960**	**139**	**0.81**	**9.42**	**36.164**	**13**
MINIMUM				**0.218**	**0.301**	**100.0**	**2.0**	**98.000**	**44**	**0.34**	**1.20**	**35.500**	**11**
STD DEV (GEOM *)				**0.277**	**0.835**	**3.5**	**0.0**	**3.464**	**52**	**0.47**	**3.48**	**0.577**	**4**
# SAMPLES (IN STATISTICS)				**11**	**11**	**3**	**3**	**3**	**11**	**11**	**11**	**3**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 01 26 1800		.3	1	6.80		0.170	0.001<	0.003<	0.0002<	0.006	0.002<	1<	1
81 02 26 1800		.3	1	7.38		0.180	0.001<	0.003<	0.0007	0.012	0.002<	1<	3<
81 03 27 1800		.3	1	7.01		0.070	0.001<	0.003<	0.0002<	0.005	0.002<	1<	1
81 05 28		.3	1	7.04	1<T		0.001<	0.003<		0.001<			
81 06 27		.3	1	7.15	1<T		0.003	0.007		0.008		1<	4
81 07 28		.3	1	7.14	1<T		0.002	0.005		0.005		1<	5
81 08 28		.3	1	6.71	1<T		0.003	0.003<		0.002		1<	4
81 09 28		.3	1	7.30	1<T		0.002	0.003<		0.008		1<	4
81 10 28		.3	1	6.99	1<T		0.001	0.003<		0.004		1<	6
81 11 28		.3	1	7.60			0.001	0.003<		0.009		1	2
81 12 28		.3	1	7.25	1		0.002	0.008		0.009		1<	3
MAXIMUM				**7.60**	**1**	**0.180**	**0.003**	**0.008**	**0.0007**	**0.012**		**1**	**6**
ARITH MEAN				**7.12**	**1<A**	**0.140**	**0.002**	**0.007**	**0.0007**	**0.007**		**1**	**3**
GEOM MEAN				**7.12**	**1<A**	**0.129**	**0.002**	**0.007**		**0.006**			**3**
MINIMUM				**6.71**	**1**	**0.070**	**0.001**	**0.005**	**0.0007**	**0.002**		**1**	**1**
STD DEV (GEOM *)				**0.26**	**0<A**	**0.061**	**0.001**	**0.002**		**0.003**			**2**
# SAMPLES (IN STATISTICS)				**11**	**7**	**3**	**7**	**3**	**1**	**10**		**1**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 26 1800		.3	1	1<	4	1	10<
81 02 26 1800		.3	1	1<	3	1<	10<
81 03 27 1800		.3	1	1	3	1	3<
81 06 27		.3	1	1<	3	1	3<
81 07 28		.3	1	1<	3	1<	3
81 08 28		.3	1	1	4	1	3<
81 09 28		.3	1	1<	4	1<	3<
81 10 28		.3	1	1<	3	1<	4
81 11 28		.3	1	1	3	1<	3<
81 12 28		.3	1	1<	3	1<	3<
MAXIMUM				**1**	**4**	**1**	**4**
ARITH MEAN				**1**	**3**	**1**	**3**
GEOM MEAN				**1**	**3**	**1**	**3**
MINIMUM				**1**	**3**	**1**	**3**
STD DEV (GEOM *)				**0**	**0**	**0**	**1**
# SAMPLES (IN STATISTICS)				**3**	**10**	**4**	**2**

B.O.W./ SITE: **PECORS LAKE OUTLET**
SAMPLE POINT: **AT PECORS LAKE 38 1**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-003-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0389400.0 5136400.0 4** REGION: **05** DISTANCE: **47.796**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 27 1730		.3	1	21621	8	0.011	0.001	0.380	0.760	0.007	1.840		2.227
81 02 27 1730		.3	1	21644	8	0.012	0.001	0.500	0.710	0.015	1.940		2.455
81 03 29 1730		.3	1	21668		0.062	0.001<	0.276	0.790	0.007	1.340		1.623
81 05 29 1900		.3	1	21695		0.004	0.001<T	0.940	1.11	0.021	4.030	4.050	4.991
81 06 29		.3	1	21721		0.004	0.001<T	1.320	1.40	0.028	4.970	5.000	6.318
81 07 29		.3	1	21747		0.007	0.002	0.390	0.49	0.017	1.53	0.000	1.937
81 09 29		.3	1	21798		0.019	0.001	0.410	0.53	0.011	1.790	1.800	2.211
81 10 29		.3	1	21824		0.025	0.001<T	0.246	0.38	0.004	0.365	0.370	0.615
81 11 30		.3	1	21848		0.004	0.002	0.430	0.58	0.002	0.065	0.065	0.497
MAXIMUM						**0.062**	**0.002**	**1.320**	**1.40**	**0.028**	**4.970**	**5.000**	**6.318**
ARITH MEAN						**0.016**	**0.001<A**	**0.544**	**0.75**	**0.012**	**1.98**	**2.257**	**2.542**
GEOM MEAN						**0.011**	**0.001<A**	**0.469**	**0.69**	**0.010**	**1.22**	**0.974**	**1.927**
MINIMUM						**0.004**	**0.001**	**0.246**	**0.38**	**0.002**	**0.065**	**0.065**	**0.497**
STD DEV (GEOM *)						**0.019**	**0.000<A**	**0.354**	**0.32**	**0.009**	**1.58**	**2.197**	**1.923**
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**9**	**9**	**9**	**5**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 27 1730		.3	1	0.380	2.607	104.0	3.0	101.000	155.0	1.10	4.600	44.500	
81 02 27 1730		.3	1	0.210	2.665	104.0	3.0	101.000	155.0	1.30	4.500	45.000	
81 03 29 1730		.3	1	0.514	2.137	70.0	1.0	69.000	106.0	3.00	3.150	30.000	
81 05 29 1900		.3	1	0.170	5.161		1	166	255			79.0	5
81 06 29		.3	1	0.080	6.398		0.2	189	290			51.0	5
81 07 29		.3	1	0.100	2.037		0.6	163	250			77.0	3
81 09 29		.3	1	0.120	2.331			163	250			82.0	5
81 10 29		.3	1	0.134	0.749		1.1	130	200			76.0	6
81 11 30		.3	1	0.150	0.647		3.3	811	1070			588.0	7
MAXIMUM				**0.514**	**6.398**	**104.0**	**3.3**	**811**	**1070**	**3.00**	**4.600**	**588.0**	**7**
ARITH MEAN				**0.206**	**2.748**	**92.7**	**1**	**210**	**303**	**1.80**	**4.083**	**119.1**	**5**
GEOM MEAN				**0.172**	**2.183**	**91.1**	**1**	**158**	**238**	**1.62**	**4.025**	**74.2**	**5**
MINIMUM				**0.080**	**0.647**	**70.0**	**0.2**	**69.000**	**106.0**	**1.10**	**3.150**	**30.000**	**3**
STD DEV (GEOM *)				**0.145**	**1.892**	**19.6**	**1**	**228**	**293**	**1.04**	**0.810**	**176.8**	**1**
# SAMPLES (IN STATISTICS)				**9**	**9**	**3**	**8**	**9**	**9**	**3**	**3**	**9**	**6**

(CONTD)

B.O.W./ SITE: **PECORS LAKE OUTLET**
SAMPLE POINT: **AT PECORS LAKE 38 1**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-003-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0389400.0 5136400.0 4** REGION: **05** DISTANCE: **47.796**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 27 1730		.3	1	6.43	0.260		0.160	0.001<	0.003<	0.0003	0.010		0.003
81 02 27 1730		.3	1	7.05	0.230		0.130	0.001	0.003<	0.0004	0.010		0.004
81 03 29 1730		.3	1	6.63	0.400		0.160	0.001<	0.003<	0.0002<	0.011		0.003 <
81 05 29 1900		.3	1	6.38	0.03	0.001<	0.190	0.002	0.003<		0.014	0.260	0.0040
81 06 29		.3	1	6.42	0.03	0.001<	0.240	0.006	0.006		0.023	0.284	0.0110
81 07 29		.3	1	6.38	0.07	0.001<	0.070	0.002	0.008		0.024	0.208	0.0110
81 09 29		.3	1	6.98	0.09	0.001<	0.120	0.006	0.006		0.021	0.228	0.0080
81 10 29		.3	1	6.62	0.05	0.001<	0.180	0.001<	0.003<		0.019	0.180	0.002
81 11 30		.3	1	6.77	0.30	0.001<	0.350	0.076	0.004		0.024	0.360	0.015
MAXIMUM				**7.05**	**0.400**		**0.350**	**0.076**	**0.008**	**0.0004**	**0.024**	**0.360**	**0.015**
ARITH MEAN				**6.63**	**0.16**		**0.178**	**0.015**	**0.006**	**0.0003**	**0.017**	**0.253**	**0.007**
GEOM MEAN				**6.62**	**0.10**		**0.163**	**0.005**	**0.006**	**0.0003**	**0.016**	**0.247**	**0.005**
MINIMUM				**6.38**	**0.03**		**0.070**	**0.001**	**0.004**	**0.0003**	**0.010**	**0.180**	**0.002**
STD DEV (GEOM *)				**0.26**	**0.13**		**0.080**	**0.030**	**0.002**	**0.0001**	**0.006**	**0.064**	**0.004**
# SAMPLES (IN STATISTICS)				**9**	**9**		**9**	**6**	**4**	**2**	**9**	**6**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 27 1730		.3	1	0.002<	1	6	1	7	1	10<
81 02 27 1730		.3	1	0.002	1	5	1	8	1	10<
81 03 29 1730		.3	1	0.002<	1	5	1<	5	1<	10<
81 06 29		.3	1		4	22	1<	10	1<	9
81 07 29		.3	1		4	7	2	5	1	3
81 09 29		.3	1		4	19	3	13	1	3<
81 10 29		.3	1		4	13	1	9	1	3<
81 11 30		.3	1		4	14	3	12	1	3<
MAXIMUM				**0.002**	**4**	**22**	**3**	**13**	**1**	**9**
ARITH MEAN				**0.002**	**3**	**11**	**2**	**9**	**1**	**6**
GEOM MEAN					**2**	**10**	**2**	**8**	**1**	**5**
MINIMUM				**0.002**	**1**	**5**	**1**	**5**	**1**	**3**
STD DEV (GEOM *)					**2**	**7**	**1**	**3**	**0**	**4**
# SAMPLES (IN STATISTICS)				**1**	**8**	**8**	**6**	**8**	**6**	**2**

B.O.W./ SITE: **PECORS LAKE INLET**
SAMPLE POINT: **AT PECORS LAKE 37 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-004-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0384800.0 5138650.0 4** REGION: **05** DISTANCE: **54.716**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 27 1830		.3	1	21622	8	0.010	0.001	0.380	0.710	0.007	1.790		2.177
81 02 27 1830		.3	1	21645	8	0.012	0.001	0.510	0.700	0.016	2.030		2.556
81 03 29 1830		.3	1	21669		0.014	0.001<	0.274	0.520	0.006	1.290		1.570
81 05 29 1800		.3	1	21694		0.005	0.001<T	0.460	0.95	0.003	0.565	0.570	1.028
81 06 29		.3	1	21720		0.008	0.001<T	0.316	0.45	0.001	0.310	0.310	0.627
81 07 29		.3	1	21746		0.007	0.001	0.272	0.36	0.002	0.508	0.510	0.782
81 09 29		.3	1	21797		0.023	0.001	0.314	0.53	0.004	1.250	1.250	1.568
81 10 29		.3	1	21823		0.011	0.001<T	0.206	0.37	0.002	1.400	1.400	1.608
81 11 30		.3	1	21847		0.025	0.021	0.006	0.29	0.001	0.240	0.240	0.247
MAXIMUM						**0.025**	**0.021**	**0.510**	**0.95**	**0.016**	**2.030**	**1.400**	**2.556**
ARITH MEAN						**0.013**	**0.003<A**	**0.304**	**0.54**	**0.005**	**1.043**	**0.713**	**1.351**
GEOM MEAN						**0.011**	**0.001<A**	**0.211**	**0.50**	**0.003**	**0.824**	**0.579**	**1.119**
MINIMUM						**0.005**	**0.001**	**0.006**	**0.29**	**0.001**	**0.240**	**0.240**	**0.247**
STD DEV (GEOM *)						**0.007**	**0.007<A**	**0.147**	**0.21**	**0.005**	**0.658**	**0.492**	**0.747**
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**9**	**9**	**9**	**6**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 27 1830		.3	1	0.330	2.507	103.0	2.0	101.000	155.0	1.20	4.500	44.000	
81 02 27 1830		.3	1	0.190	2.746	103.0	2.0	101.000	155.0	1.10	4.470	45.000	
81 03 29 1830		.3	1	0.246	1.816	72.0	3.0	69.000	106.0	2.80	3.150	30.500	
81 05 29 1800		.3	1	0.490	1.518		2	140	215			70.0	5
81 06 29		.3	1	0.134	0.761		2.5	143	220			70.0	5
81 07 29		.3	1	0.088	0.870		1.4	156	240			73.0	3
81 09 29		.3	1	0.216	1.784			163	250			76.5	6
81 10 29		.3	1	0.164	1.772		0.6	143	220			65.0	6
81 11 30		.3	1	0.284	0.531		0.8	35	54			9.0	11
MAXIMUM				**0.490**	**2.746**	**103.0**	**3.0**	**163**	**250**	**2.80**	**4.500**	**76.5**	**11**
ARITH MEAN				**0.238**	**1.589**	**92.7**	**1**	**116**	**179**	**1.70**	**4.040**	**53.6**	**6**
GEOM MEAN				**0.213**	**1.403**	**91.4**	**1**	**106**	**164**	**1.55**	**3.987**	**46.2**	**6**
MINIMUM				**0.088**	**0.531**	**72.0**	**0.6**	**35**	**54**	**1.10**	**3.150**	**9.0**	**3**
STD DEV (GEOM *)				**0.120**	**0.761**	**17.9**	**0**	**43**	**66**	**0.95**	**0.771**	**23.0**	**3**
# SAMPLES (IN STATISTICS)				**9**	**9**	**3**	**8**	**9**	**9**	**3**	**3**	**9**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 27 1830		.3	1	6.49	0.220		0.170	0.001<	0.003<	0.0002<	0.010		0.003
81 02 27 1830		.3	1	6.92	0.220		0.200	0.003	0.003<	0.0005	0.015		0.005
81 03 29 1830		.3	1	6.55	0.370		0.220	0.001<	0.004	0.0002<	0.009		0.002 <
81 05 29 1800		.3	1	6.52	0.07	0.001<	0.160	0.003	0.003<		0.022	0.086	0.0050
81 06 29		.3	1	6.35	0.13	0.001<	0.024	0.003	0.007		0.027	0.192	0.0110
81 07 29		.3	1	6.71	0.07	0.001<	0.130	0.003	0.035		0.028	0.196	0.0110
81 09 29		.3	1	7.10	0.43	0.001<	0.220	0.005	0.006		0.023	0.204	0.0080
81 10 29		.3	1	6.88	0.04	0.001<	0.096	0.001<	0.003<		0.018	0.182	0.002
81 11 30		.3	1	7.12	0.17	0.001<	0.047	0.004	0.004		0.006	0.014	0.002
MAXIMUM				**7.12**	**0.43**		**0.220**	**0.005**	**0.035**	**0.0005**	**0.028**	**0.204**	**0.0110**
ARITH MEAN				**6.74**	**0.19**		**0.141**	**0.003**	**0.011**	**0.0005**	**0.018**	**0.146**	**0.005**
GEOM MEAN				**6.73**	**0.14**		**0.116**	**0.003**	**0.007**		**0.016**	**0.109**	**0.004**
MINIMUM				**6.35**	**0.04**		**0.024**	**0.003**	**0.004**	**0.0005**	**0.006**	**0.014**	**0.002**
STD DEV (GEOM *)				**0.28**	**0.13**		**0.072**	**0.001**	**0.013**		**0.008**	**0.078**	**0.003**
# SAMPLES (IN STATISTICS)				**9**	**9**		**9**	**6**	**5**	**1**	**9**	**6**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 27 1830		.3	1	0.002<	1	8	1	7	1	10<
81 02 27 1830		.3	1	0.002	2	5	1	8	1	10<
81 03 29 1830		.3	1	0.002<	1<	4	1<	5	1<	10<
81 06 29		.3	1		6	15	1	12	1	3
81 07 29		.3	1		5	14	3	12	1	3<
81 09 29		.3	1		5	20	1<	12	1<	3<
81 10 29		.3	1		5	12	2	11	1	3<
81 11 30		.3	1		5	23	3	14	1	3
MAXIMUM				**0.002**	**6**	**23**	**3**	**14**	**1**	**3**
ARITH MEAN				**0.002**	**4**	**13**	**2**	**10**	**1**	**3**
GEOM MEAN					**4**	**11**	**2**	**10**	**1**	**3**
MINIMUM				**0.002**	**1**	**4**	**1**	**5**	**1**	**3**
STD DEV (GEOM *)					**2**	**7**	**1**	**3**	**0**	**0**
# SAMPLES (IN STATISTICS)				**1**	**7**	**8**	**6**	**8**	**6**	**2**

B.O.W./ SITE: **CROTCH LAKE OUTLET**
SAMPLE POINT: **AT CROTCH LAKE 34 1**
STATION TYPE: **OUTFALL FLOW GAUGE MOE 02CD107**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-006-09**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377900.0 5141500.0 4** REGION: **05** DISTANCE: **70.005**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 28 1630		.3	1	21611	8	0.021	0.001	0.330	0.500	0.032	0.388		0.750
81 02 28 1630		.3	1	21634	8	0.005	0.001	0.214	0.430	0.008	0.167		0.389
81 03 30 1630		.3	1	21658		0.010	0.001<	0.268	0.830	0.015	0.301		0.584
81 05 28 1530		.3	1	21681		0.005	0.001<T	0.202	0.41	0.017	0.285	0.300	0.504
81 06 28		.3	1	21707		0.005	0.001<T	0.156	0.25	0.001	0.320	0.320	0.477
81 07 28		.3	1	21733		0.017	0.001	0.120	0.37	0.002	0.310	0.310	0.432
81 08 28		.3	1	21758		0.030	0.001	0.114	0.32	0.010	0.320	0.330	0.444
81 09 28		.3	1	21786		0.041	0.001	0.136	0.42	0.016	0.375	0.390	0.527
81 10 28		.3	1	21810		0.108	0.001	0.256	0.70	0.010	0.470	0.480	0.736
MAXIMUM						**0.108**	**0.001**	**0.330**	**0.830**	**0.032**	**0.470**	**0.480**	**0.750**
ARITH MEAN						**0.027**	**0.001<A**	**0.200**	**0.47**	**0.012**	**0.326**	**0.355**	**0.538**
GEOM MEAN						**0.016**	**0.001<A**	**0.187**	**0.44**	**0.008**	**0.316**	**0.350**	**0.525**
MINIMUM						**0.005**	**0.001**	**0.114**	**0.25**	**0.001**	**0.167**	**0.300**	**0.389**
STD DEV (GEOM *)						**0.033**	**0.000<A**	**0.075**	**0.18**	**0.009**	**0.083**	**0.069**	**0.129**
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**9**	**9**	**9**	**6**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 28 1630		.3	1	0.170	0.920	357.0	2.0	355.0	520.0	1.20	40.500	161.000	
81 02 28 1630		.3	1	0.216	0.605	372.0	0.8	371.0	520.0	1.00	40.500	159.000	
81 03 30 1630		.3	1	0.562	1.146	193.0	1.0	192.000	295.0	1.50	20.500	84.000	
81 05 28 1530		.3	1	0.208	0.712		1 <W	304	540			145.0	23
81 06 28		.3	1	0.094	0.571		1.7	357	520			147.0	24
81 07 28		.3	1	0.250	0.682		3.8	413	520			151.0	26
81 08 28		.3	1	0.206	0.650		0.3	325	520			288.0	26
81 09 28		.3	1	0.284	0.811		48.0	334	550			140.0	24
81 10 28		.3	1	0.444	1.180		5.2	363	570			172.0	21
MAXIMUM				**0.562**	**1.180**	**372.0**	**48.0**	**413**	**570**	**1.50**	**40.500**	**288.0**	**26**
ARITH MEAN				**0.270**	**0.809**	**307.3**	**7** <A	**334**	**506**	**1.23**	**33.833**	**160.7**	**24**
GEOM MEAN				**0.240**	**0.783**	**294.8**	**2** <A	**328**	**498**	**1.22**	**32.277**	**153.7**	**24**
MINIMUM				**0.094**	**0.571**	**193.0**	**0.3**	**192.000**	**295.0**	**1.00**	**20.500**	**84.000**	**21**
STD DEV (GEOM *)				**0.145**	**0.227**	**99.3**	**15** <A	**61**	**81**	**0.25**	**11.547**	**53.8**	**2**
# SAMPLES (IN STATISTICS)				**9**	**9**	**3**	**9**	**9**	**9**	**3**	**3**	**9**	**6**

(CONTD)

B.O.W./ SITE: **CROTCH LAKE OUTLET**
SAMPLE POINT: **AT CROTCH LAKE 34 1**
STATION TYPE: **OUTFALL FLOW GAUGE MOE 02CD107**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-006-09**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377900.0 5141500.0 4** REGION: **05** DISTANCE: **70.005**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 28 1630		.3	1	7.02				0.001<	0.003<	0.0002<	0.011		
81 02 28 1630		.3	1	6.81	0.200			0.001	0.003<	0.0002<	0.002		
81 03 30 1630		.3	1	7.24	0.440			0.001<	0.003<	0.0002<	0.019		
81 05 28 1530		.3	1	7.84	0.15	0.001<	0.061	0.006	0.003<		0.021	0.048	0.0020<
81 06 28		.3	1	7.20	0.42	0.001<	0.120	0.004	0.003		0.004	0.040	0.0060
81 07 28		.3	1	7.68	0.15	0.001<	0.140	0.002	0.003<		0.002	0.028	0.0050
81 08 28		.3	1	7.81	0.07	0.001<	0.068	0.004	0.004		0.002	0.030	0.0040
81 09 28		.3	1	7.50	1.35	0.001<	0.860	0.008	0.003<		0.009	0.130	0.0060
81 10 28		.3	1	6.78	1.30	0.001<	0.100	0.006	0.003<		0.011	0.270	0.004
MAXIMUM				**7.84**	**1.35**		**0.860**	**0.008**	**0.004**		**0.021**	**0.270**	**0.0060**
ARITH MEAN				**7.32**	**0.51**		**0.225**	**0.004**	**0.003**		**0.009**	**0.091**	**0.005**
GEOM MEAN				**7.31**	**0.31**		**0.135**	**0.004**	**0.003**		**0.006**	**0.062**	**0.004**
MINIMUM				**6.78**	**0.07**		**0.061**	**0.001**	**0.003**		**0.002**	**0.028**	**0.0040**
STD DEV (GEOM *)				**0.41**	**0.52**		**0.313**	**0.002**	**0.001**		**0.007**	**0.096**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**8**		**6**	**7**	**2**		**9**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 28 1630		.3	1	0.002<	7	27	2	13	1	10<
81 02 28 1630		.3	1	0.002	7	9	1<	7	1<	10<
81 03 30 1630		.3	1	0.002<						
81 05 28 1530		.3	1		4	14	1	6	1<	3
81 06 28		.3	1		6	23	1	10	1<	5
81 07 28		.3	1		6	15	1	9	1	4
81 09 28		.3	1		8	28	1	15	1	3<
81 10 28		.3	1		7	14	6	11	2	6
MAXIMUM				**0.002**	**8**	**28**	**6**	**15**	**2**	**6**
ARITH MEAN				**0.002**	**6**	**19**	**2**	**10**	**1**	**4**
GEOM MEAN					**6**	**17**	**2**	**10**	**1**	**4**
MINIMUM				**0.002**	**4**	**9**	**1**	**6**	**1**	**3**
STD DEV (GEOM *)					**1**	**7**	**2**	**3**	**0**	**1**
# SAMPLES (IN STATISTICS)				**1**	**7**	**7**	**6**	**7**	**4**	**4**

B.O.W./ SITE: **BUCKLES CREEK**
SAMPLE POINT: **AT HWY.NO 108 SOUTH OF ELLIOT LAKE 40 1**
STATION TYPE: **OUTFLOW FLOW GAUGE MOE 02CD102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-007-09**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377150.0 5136600.0 4** REGION: **05** DISTANCE: **73.062**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 26 1700		.3	1	21607	8	0.040	0.005	2.850	3.180	0.030	2.420		5.300
81 02 26 1700		.3	1	21630	8	0.062	0.001	1.850	3.160	0.040	2.410		4.300
81 03 27 1700		.3	1	21654		0.030	0.001	0.980	1.880	0.005	6.300		7.285
81 05 28		.3	1	21677		0.098	0.001<T	1.160	1.85	3.95	1.30	5.25	6.410
81 06 28		.3	1	21703		0.055	0.004	1.480	1.95	0.001	7.200	7.200	8.681
81 07 28		.3	1	21729		0.145	0.004	0.650	1.92	0.002	8.500	8.500	9.152
81 08 28		.3	1	21754		0.023	0.001	3.100	3.70	0.003	6.500	6.500	9.603
81 09 28		.3	1	21780		0.170	0.006	3.200	3.50	1.420	4.580	6.000	9.200
81 10 28		.3	1	21806		0.130	0.001	1.640	5.30	0.073	4.130	4.200	5.843
81 11 28		.3	1	21832		0.118	0.078	30.000	36.50			77.500	
81 12 28		.3	1	21854		0.058	0.001<T	0.810	3.63	1.950	2.150	4.100	4.910
MAXIMUM						**0.170**	**0.078**	**30.000**	**36.50**	**3.95**	**8.500**	**77.500**	**9.603**
ARITH MEAN						**0.084**	**0.009<A**	**4.338**	**6.05**	**0.74**	**4.54**	**14.90**	**7.068**
GEOM MEAN						**0.070**	**0.003<A**	**2.020**	**3.56**	**0.04**	**3.88**	**7.99**	**6.809**
MINIMUM						**0.023**	**0.001**	**0.650**	**1.85**	**0.001**	**1.30**	**4.100**	**4.300**
STD DEV (GEOM *)						**0.050**	**0.023<A**	**8.559**	**10.15**	**1.32**	**2.47**	**25.33**	**1.982**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**11**	**10**	**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 26 1700		.3	1	0.330	5.630	596.0	15.0	581.0	800.0	6.90	22.000	335.000	
81 02 26 1700		.3	1	1.310	5.610	616.0	13.0	603.0	800.0	7.10	21.500	337.000	
81 03 27 1700		.3	1	0.900	8.185	706.0	7.0	699.0	900.0	3.50	14.000	376.000	
81 05 28		.3	1	0.690	7.100		4	1011	1220			600.0	3
81 06 28		.3	1	0.470	9.151		4.5	1095	1320				3
81 07 28		.3	1	1.270	10.422		47.4	1450	1550			763.0	2
81 08 28		.3	1	0.600	10.203		4.9	1324	1650			223.0	15
81 09 28		.3	1	0.300	9.500		7.0	1434	1750			1038.0	3
81 10 28		.3	1	3.660	9.503		6.1	1102	1300			705.0	24
81 11 28		.3	1	6.500	114.000		2.2	1982	2550			1100.0	7
81 12 28		.3	1	2.820	7.730		6.5	888	1120		~	558.0	13
MAXIMUM				**6.500**	**114.000**	**706.0**	**47.4**	**1982**	**2550**	**7.10**	**22.000**	**1100.0**	**24**
ARITH MEAN				**1.714**	**17.912**	**639.3**	**10**	**1106**	**1360**	**5.83**	**19.167**	**603.5**	**9**
GEOM MEAN				**1.062**	**10.325**	**637.6**	**7**	**1034**	**1282**	**5.56**	**18.779**	**535.7**	**6**
MINIMUM				**0.300**	**5.610**	**596.0**	**2.2**	**581.0**	**800.0**	**3.50**	**14.000**	**223.0**	**2**
STD DEV (GEOM *)				**1.915**	**31.912**	**58.6**	**12**	**423**	**510**	**2.02**	**4.481**	**300.5**	**8**
# SAMPLES (IN STATISTICS)				**11**	**11**	**3**	**11**	**11**	**11**	**3**	**3**	**10**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 26 1700		.3	1	6.75	2.000			0.004	0.003<	0.0002<	0.012		
81 02 26 1700		.3	1	6.54	1.900			0.017	0.003	0.0005	0.016		
81 03 27 1700		.3	1	6.20	1.260			0.001<	0.003<	0.0002<	0.008		
81 05 28		.3	1	5.13	1.25	0.001<	0.380	0.007	0.003<		0.006	0.326	0.0020<
81 06 28		.3	1	4.87	0.98	0.001<	0.340	0.014	0.003<		0.007	0.300	0.0070
81 07 28		.3	1	4.80	3.90	0.001<	1.500	0.021	0.012		0.014	0.620	0.0090
81 08 28		.3	1	6.55	0.59	0.001<	0.380	0.014	0.003<		0.016	0.600	0.0110
81 09 28		.3	1	6.15	2.05	0.001<	0.310	0.010	0.003<		0.024	0.620	0.0100
81 10 28		.3	1	6.33	1.15	0.001<	0.270	0.005	0.003<		0.007	0.430	0.003
81 11 28		.3	1	8.97	0.13	0.002						0.188	
81 12 28		.3	1	6.84	1.60	0.001<	0.370	0.013	0.005		0.011	0.350	0.005
MAXIMUM				**8.97**	**3.90**	**0.002**	**1.500**	**0.021**	**0.012**	**0.0005**	**0.024**	**0.620**	**0.0110**
ARITH MEAN				**6.28**	**1.52**	**0.002**	**0.507**	**0.012**	**0.007**	**0.0005**	**0.012**	**0.429**	**0.007**
GEOM MEAN				**6.19**	**1.18**		**0.419**	**0.010**	**0.006**		**0.011**	**0.399**	**0.006**
MINIMUM				**4.80**	**0.13**	**0.002**	**0.270**	**0.004**	**0.003**	**0.0005**	**0.006**	**0.188**	**0.003**
STD DEV (GEOM *)				**1.16**	**0.98**		**0.440**	**0.006**	**0.005**		**0.006**	**0.166**	**0.003**
# SAMPLES (IN STATISTICS)				**11**	**11**	**1**	**7**	**9**	**3**	**1**	**10**	**8**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 26 1700		.3	1	0.007	4	10	4	14	4	10<
81 02 26 1700		.3	1	0.009	2	20	4	11	4	10
81 03 27 1700		.3	1	0.002						
81 06 28		.3	1		5	33	9	19	6	19
81 07 28		.3	1		28	29	100	18	50	15
81 08 28		.3	1		3	18	12	16	7	8
81 09 28		.3	1		11	35	7	28	3	14
81 10 28		.3	1		1	28	4	10	3	12
81 11 28		.3	1		2	13	3	12	3	4
81 12 28		.3	1		2	38	3	10	4	23
MAXIMUM				**0.009**	**28**	**38**	**100**	**28**	**50**	**23**
ARITH MEAN				**0.006**	**6**	**25**	**16**	**15**	**9**	**13**
GEOM MEAN				**0.005**	**4**	**23**	**7**	**14**	**5**	**12**
MINIMUM				**0.002**	**1**	**10**	**3**	**10**	**3**	**4**
STD DEV (GEOM *)				**0.004**	**9**	**10**	**32**	**6**	**15**	**6**
# SAMPLES (IN STATISTICS)				**3**	**9**	**9**	**9**	**9**	**9**	**8**

B.O.W./ SITE: **SHERIFF CREEK**
SAMPLE POINT: **AT HIGHWAY NO 108 ELLIOT LAKE 45 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-009-02**
STORET CODE: **02 002 8040**

LAT: LONG: U.T.M.: **17 0372100.0 5139900.0 4** REGION: **05** DISTANCE: **78.051**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 26 1530		.3	1	21610	8	0.295	0.001	1.880	2.440	0.012	0.393		2.285
81 02 26 1530		.3	1	21633	8	0.325	0.001	1.870	2.380	0.013	0.402		2.285
81 03 27 1530		.3	1	21657		0.082	0.001<	2.350	2.800	0.003	0.179		2.532
81 05 28 1630		.3	1	21680		0.098	0.001<T	0.900	1.48	0.015	0.340	0.355	1.255
81 06 28		.3	1	21706		0.078	0.001<T	0.282	0.48	0.001	0.145	0.145	0.428
81 07 28		.3	1	21732		0.029	0.001<T	0.302	0.54	0.001<T	0.130	0.130	0.433
81 08 28		.3	1	21757		0.074	0.001	0.310	0.65	0.001<T	0.115	0.115	0.426
81 09 28		.3	1	21785		0.045	0.002	0.600	0.87	0.011	0.375	0.385	0.986
81 10 28		.3	1	21809		0.252	0.001<T	0.800	1.38	0.010	0.320	0.330	1.130
81 11 28		.3	1	21835		0.018	0.001	5.150	6.75	1.300	4.350	5.650	10.800
81 12 28		.3	1	21855		0.085	0.001	0.960	1.38	0.008	0.305	0.315	1.273
MAXIMUM						**0.325**	**0.002**	**5.150**	**6.75**	**1.300**	**4.350**	**5.650**	**10.800**
ARITH MEAN						**0.126**	**0.001<A**	**1.400**	**1.92**	**0.125<A**	**0.641**	**0.928**	**2.167**
GEOM MEAN						**0.087**	**0.001<A**	**0.933**	**1.41**	**0.008<A**	**0.318**	**0.339**	**1.313**
MINIMUM						**0.018**	**0.001**	**0.282**	**0.48**	**0.001**	**0.115**	**0.115**	**0.426**
STD DEV (GEOM *)						**0.110**	**0.000<A**	**1.432**	**1.79**	**0.390<A**	**1.235**	**1.911**	**2.964**
# SAMPLES (IN STATISTICS)						**11**	**10**	**11**	**11**	**11**	**11**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 26 1530		.3	1	0.560	2.845	241.0	36.0	205.000	315.0	18.00	40.000	70.000	
81 02 26 1530		.3	1	0.510	2.795	236.0	31.0	205.000	315.0	19.00	40.000	68.000	
81 03 27 1530		.3	1	0.450	2.982	223.0	15.0	208.0	360.0	15.00	50.000	71.000	
81 05 28 1630		.3	1	0.580	1.835		11	234	360			71.0	5
81 06 28		.3	1	0.198	0.626		8.5	176	270			65.0	5
81 07 28		.3	1	0.238	0.671		4.6	247	380			90.0	2
81 08 28		.3	1	0.340	0.766		6.0	247	520			197.0	8
81 09 28		.3	1	0.270	1.256		5.2	244	420			84.0	9
81 10 28		.3	1	0.580	1.710		16.7	208	320			88.0	9
81 11 28		.3	1	1.600	12.400		1.2	927	1700			383.0	168
81 12 28		.3	1	0.420	1.693		7.6	217	334			78.0	9
MAXIMUM				**1.600**	**12.400**	**241.0**	**36.0**	**927**	**1700**	**19.00**	**50.000**	**383.0**	**168**
ARITH MEAN				**0.522**	**2.689**	**233.3**	**13**	**283**	**481**	**17.33**	**43.333**	**115.0**	**27**
GEOM MEAN				**0.442**	**1.797**	**233.2**	**9**	**248**	**408**	**17.25**	**43.089**	**95.6**	**9**
MINIMUM				**0.198**	**0.626**	**223.0**	**1.2**	**176**	**270**	**15.00**	**40.000**	**65.0**	**2**
STD DEV (GEOM *)				**0.383**	**3.334**	**9.3**	**11**	**214**	**409**	**2.08**	**5.774**	**96.3**	**57**
# SAMPLES (IN STATISTICS)				**11**	**11**	**3**	**11**	**11**	**11**	**3**	**3**	**11**	**8**

(CONTD)

B.O.W./ SITE: **SHERIFF CREEK**
SAMPLE POINT: **AT HIGHWAY NO 108 ELLIOT LAKE 45 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-009-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0372100.0 5139900.0 4** REGION: **05** DISTANCE: **78.051**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 26 1530		.3	1	5.11			1.700	0.018	0.003<	0.0008	0.048		0.026
81 02 26 1530		.3	1	4.99			2.100	0.016	0.005	0.0004	0.046		0.030
81 03 27 1530		.3	1	5.67			0.83	0.001<	0.004	0.0002<	0.024		
81 05 28 1630		.3	1	5.66	1.70	0.001<	0.970	0.005	0.003<		0.020	0.600	0.0200
81 06 28		.3	1	5.03	1.45	0.001<	1.300	0.009	0.014		0.021	0.440	0.0230
81 07 28		.3	1	4.88	0.76	0.001<	0.950	0.007	0.009		0.027	0.940	0.0300
81 08 28		.3	1	6.05	0.66	0.001<	0.370	0.005	0.004		0.016	0.550	0.0200
81 09 28		.3	1	6.24	0.23	0.001<	0.310	0.006	0.006		0.022	0.580	0.0250
81 10 28		.3	1	6.78	2.70	0.001<	1.100	0.006	0.003		0.023	0.840	0.014
81 11 28		.3	1	11.18	0.05	0.001<	0.130	0.022	0.004		0.007	0.004	0.005
81 12 28		.3	1	6.19	1.70	0.001<	0.660	0.007	0.003<		0.025	0.800	0.020
MAXIMUM				**11.18**	**2.70**		**2.100**	**0.022**	**0.014**	**0.0008**	**0.048**	**0.940**	**0.0300**
ARITH MEAN				**6.16**	**1.16**		**0.94**	**0.010**	**0.006**	**0.0006**	**0.025**	**0.594**	**0.021**
GEOM MEAN				**5.99**	**0.71**		**0.74**	**0.009**	**0.005**	**0.0006**	**0.023**	**0.348**	**0.019**
MINIMUM				**4.88**	**0.05**		**0.130**	**0.005**	**0.003**	**0.0004**	**0.007**	**0.004**	**0.005**
STD DEV (GEOM *)				**1.77**	**0.89**		**0.59**	**0.006**	**0.004**	**0.0003**	**0.012**	**0.292**	**0.007**
# SAMPLES (IN STATISTICS)				**11**	**8**		**11**	**10**	**8**	**2**	**11**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 26 1530		.3	1		5	100	22	29	26	46
81 02 26 1530		.3	1	0.034						
81 03 27 1530		.3	1		2	13	1	8	1	10<
81 06 28		.3	1		3	69	11	20	16	34
81 07 28		.3	1		4	66	6	19	7	31
81 08 28		.3	1		4	17	8	9	5	5
81 09 28		.3	1		3	23	3	10	2	7
81 10 28		.3	1		2	37	8	10	10	18
81 11 28		.3	1		1	13	11	7	7	4
81 12 28		.3	1		1	61	6	8	5	6
MAXIMUM				**0.034**	**5**	**100**	**22**	**29**	**26**	**46**
ARITH MEAN				**0.034**	**3**	**44**	**8**	**13**	**9**	**19**
GEOM MEAN					**2**	**34**	**6**	**12**	**6**	**13**
MINIMUM				**0.034**	**1**	**13**	**1**	**7**	**1**	**4**
STD DEV (GEOM *)					**1**	**31**	**6**	**8**	**8**	**16**
# SAMPLES (IN STATISTICS)				**1**	**9**	**9**	**9**	**9**	**9**	**8**

B.O.W./ SITE: **ROCHESTER CREEK**
SAMPLE POINT: **NEAR INLET TO QUIRKE LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKES HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-010-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0383100.0 5150450.0 4** REGION: **05** DISTANCE: **79.660**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 01 27 1500		.3	1	21619	8	0.293	0.015	0.001	0.308	0.340	0.017	0.637	
81 02 27 1500		.3	1	21642	8	1.750	0.010	0.002	0.086	0.270	0.002	0.183	
81 03 29 1500		.3	1	21666		1.130	0.007	0.001<	0.128	0.390	0.001	0.279	
81 05 30 1730		.3	1	21692		0.875	0.006	0.001<T	0.046	0.25	0.008	0.112	0.120
81 06 30		.3	1	21718		2.630	0.007	0.001<T	0.056	0.26	0.001<T	0.080	0.080
81 07 30		.3	1	21744		0.183	0.007	0.001	0.060	0.35	0.016	0.124	0.140
81 08 30		.3	1	21769		0.092	0.030	0.001	0.150	0.25	0.011	0.365	0.375
81 09 30		.3	1	21795		0.123	0.024	0.003	0.142	0.35	0.012	0.360	0.370
81 10 30		.3	1	21821		1.120	0.098	0.001<T	0.100	0.82	0.007	0.325	0.330
81 11 30		.3	1	21846		0.794	0.009	0.004	0.014	0.24	0.013	0.115	0.130
81 12 30		.3	1	21856		0.568	0.006	0.001<T	1.880	0.75	0.030	4.970	5.000
MAXIMUM						**2.630**	**0.098**	**0.004**	**1.880**	**0.82**	**0.030**	**4.970**	**5.000**
ARITH MEAN						**0.869**	**0.020**	**0.002<A**	**0.270**	**0.38**	**0.011<A**	**0.686**	**0.818**
GEOM MEAN						**0.550**	**0.013**	**0.001<A**	**0.110**	**0.35**	**0.007<A**	**0.282**	**0.282**
MINIMUM						**0.092**	**0.006**	**0.001**	**0.014**	**0.24**	**0.001**	**0.080**	**0.080**
STD DEV (GEOM *)						**0.779**	**0.027**	**0.001<A**	**0.540**	**0.20**	**0.009<A**	**1.430**	**1.694**
# SAMPLES (IN STATISTICS)						**11**	**11**	**10**	**11**	**11**	**11**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*
81 01 27 1500		.3	1	0.962	0.032	0.994	35.0	1.0	34.000	52.0	0.58	1.200	11.000
81 02 27 1500		.3	1	0.271	0.184	0.455	34.0	0.1<	34.000	52.0	0.65	0.850	11.000
81 03 29 1500		.3	1	0.408	0.262	0.670	39.0	0.1<	39.000	60.0	1.50	0.750	10.000
81 05 30 1730		.3	1	0.166	0.204	0.370		1 <W	39	60			8.0
81 06 30		.3	1	0.137	0.204	0.341		1.3	28	43			9.0
81 07 30		.3	1	0.200	0.290	0.490		1.1	32	49			8.0
81 08 30		.3	1	0.526	0.100	0.626		0.6	30	40	~		37.0
81 09 30		.3	1	0.514	0.208	0.722			90	138			9.0
81 10 30		.3	1	0.432	0.720	1.152		0.8	27	42			11.5
81 11 30		.3	1	0.142	0.226	0.368		2.8	39	60			8.5
81 12 30		.3	1	6.880	1.130	5.750		0.4	200	308			98.0
MAXIMUM				**6.880**	**1.130**	**5.750**	**39.0**	**2.8**	**200**	**308**	**1.50**	**1.200**	**98.0**
ARITH MEAN				**0.967**	**0.324**	**1.085**	**36.0**	**1 <A**	**53**	**82**	**0.91**	**0.933**	**20.0**
GEOM MEAN				**0.410**	**0.224**	**0.703**	**35.9**	**1 <A**	**42**	**65**	**0.83**	**0.915**	**13.2**
MINIMUM				**0.137**	**0.032**	**0.341**	**34.0**	**0.4**	**27**	**40**	**0.58**	**0.750**	**8.0**
STD DEV (GEOM *)				**1.976**	**0.319**	**1.569**	**2.6**	**0 <A**	**51**	**79**	**0.51**	**0.236**	**27.1**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**3**	**8**	**11**	**11**	**3**	**3**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				ALKT	PH	FEUT	ASUT	ALUT	CUUT	PBUT	CDUT	ZNUT	MNUT
81 01 27 1500		.3	1		6.96			0.170	0.001<	0.003<	0.0003	0.009	
81 02 27 1500		.3	1		6.92			0.074	0.001<	0.003<	0.0002<	0.004	
81 03 29 1500		.3	1		6.83			0.028	0.001<	0.003<	0.0002<	0.012	
81 05 30 1730		.3	1	6	7.16	0.16	0.001<	0.074	0.001<	0.003<		0.002	0.020
81 06 30		.3	1	9	7.07	0.30	0.001<	0.048	0.002	0.010		0.010	0.030
81 07 30		.3	1	10	7.34	0.39	0.001<	0.042	0.001	0.007		0.002	0.024
81 08 30		.3	1	9	7.13	0.33	0.001<	0.060	0.002	0.005		0.002	0.024
81 09 30		.3	1	10	6.96	0.29	0.001<	0.020	0.001	0.003<		0.009	0.024
81 10 30		.3	1	8	6.84	0.39	0.001<	0.036	0.003	0.003<		0.007	0.020
81 11 30		.3	1	17	7.43	0.23	0.001<	0.130	0.003	0.003<		0.009	0.014
81 12 30		.3	1	8	6.73	0.09	0.001<	0.110	0.008	0.004		0.014	0.190
MAXIMUM				**17**	**7.43**	**0.39**		**0.170**	**0.008**	**0.010**	**0.0003**	**0.014**	**0.190**
ARITH MEAN				**10**	**7.03**	**0.27**		**0.072**	**0.003**	**0.006**	**0.0003**	**0.007**	**0.043**
GEOM MEAN				**9**	**7.03**	**0.25**		**0.059**	**0.002**	**0.006**		**0.006**	**0.029**
MINIMUM				**6**	**6.73**	**0.09**		**0.020**	**0.001**	**0.004**	**0.0003**	**0.002**	**0.014**
STD DEV (GEOM *)				**3**	**0.22**	**0.11**		**0.047**	**0.002**	**0.003**		**0.004**	**0.059**
# SAMPLES (IN STATISTICS)				**8**	**11**	**8**		**11**	**7**	**4**	**1**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				NIUT	COUT	RA226F	GACF	GACP	GBCF	GBCP	UU238
81 01 27 1500		.3	1	0.002 <	0.002<	1<	2	9	3	14	10<
81 02 27 1500		.3	1	0.002 <	0.002<	1<	2	1<	2	1<	10<
81 03 29 1500		.3	1	0.003 <	0.002<	1<	1<	1<	2	1<	10<
81 05 30 1730		.3	1	0.0020<							
81 06 30		.3	1	0.0020		1<	4	1<	2	1<	3<
81 07 30		.3	1	0.0010		1	2	1	3	1	3<
81 08 30		.3	1	0.0060							
81 09 30		.3	1	0.0030		1<	4	1<	2	1<	3<
81 10 30		.3	1	0.002 <		1<	1	1<	2	1<	3<
81 11 30		.3	1	0.002		1<	2	1<	2	1<	3<
81 12 30		.3	1	0.006		1	12	1	10	1	5
MAXIMUM				**0.006**		**1**	**12**	**9**	**10**	**14**	**5**
ARITH MEAN				**0.003**		**1**	**4**	**4**	**3**	**5**	**5**
GEOM MEAN				**0.002**		**1**	**3**	**2**	**3**	**2**	
MINIMUM				**0.0010**		**1**	**1**	**1**	**2**	**1**	**5**
STD DEV (GEOM *)				**0.002**		**0**	**4**	**5**	**3**	**8**	
# SAMPLES (IN STATISTICS)				**6**		**2**	**8**	**3**	**9**	**3**	**1**

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **NEAR INLET TO QUIRKE LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-011-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0376550.0 5151850.0 4** REGION: **05** DISTANCE: **86.098**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR
81 01 29 1600		.3	1	21618	8	0.565	0.016	0.003	30.200	35.200	1.300	45.000	
81 02 29 1600		.3	1	21641	8		0.022			33.800			
81 03 30 1600		.3	1	21665		3.810	0.008	0.001<	10.500	11.500	1.750	17.800	
81 05 30 1630		.3	1	21690		0.985	0.010	0.001<T	19.75	20.10	0.925	32.80	33.75
81 06 30		.3	1	21716		4.230	0.005	0.001<T	9.400	9.40	1.700	21.800	23.500
81 07 30		.3	1	21742		0.977	0.011	0.005	8.40	8.75	3.50	35.3	38.8
81 08 30		.3	1	21767		1.610	0.024	0.002	15.800	17.50	1.920	50.600	52.500
81 09 30		.3	1	21793		0.510	0.056	0.006	23.000	25.30	4.000	62.200	66.200
81 10 30		.3	1	21819		0.655	0.014	0.001<T	22.800	24.50	6.70	45.800	52.500
81 11 30		.3	1	21844		0.703	0.080	0.009	0.850	4.05			6.000
81 12 30		.3	1	21857		0.814							
MAXIMUM						**4.230**	**0.080**	**0.009**	**30.200**	**35.200**	**6.70**	**62.200**	**66.200**
ARITH MEAN						**1.486**	**0.025**	**0.003<A**	**15.63**	**19.01**	**2.72**	**38.9**	**39.0**
GEOM MEAN						**1.104**	**0.017**	**0.003<A**	**11.48**	**15.83**	**2.24**	**36.1**	**31.9**
MINIMUM						**0.510**	**0.005**	**0.001**	**0.850**	**4.05**	**0.925**	**17.800**	**6.000**
STD DEV (GEOM *)						**1.375**	**0.024**	**0.003<A**	**9.15**	**10.70**	**1.92**	**14.8**	**20.2**
# SAMPLES (IN STATISTICS)						**10**	**10**	**8**	**9**	**10**	**8**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR
81 01 29 1600		.3	1	76.500	5.000	81.500	1395.0	2.0	1393.0	1900.0	0.95	50.000	663.000
81 02 29 1600		.3	1						1389.0	1900.0	0.98	50.000	
81 03 30 1600		.3	1	30.050	1.000	31.050	564.0	2.0	562.0	730.0	1.40	20.500	251.000
81 05 30 1630		.3	1	53.475	0.350	53.825		1 <W	957	1320			473.0
81 06 30		.3	1	32.900	0.000	32.900		1.1	755	1080			351.0
81 07 30		.3	1	47.200	0.350	47.550		1.0	1170	1480			488.0
81 08 30		.3	1	68.320	1.700	70.020		0.7	1567	2100			224.0
81 09 30		.3	1	89.200	2.300	91.500				2500			1070.0
81 10 30		.3	1	75.300	1.700	77.000		1.6	1590	2100			823.0
81 11 30		.3	1		3.200	10.050		4.7	762	1060			58.0
81 12 30		.3	1					7.2	3074	3820			
MAXIMUM				**89.200**	**5.000**	**91.500**	**1395.0**	**7.2**	**3074**	**3820**	**1.40**	**50.000**	**1070.0**
ARITH MEAN				**59.118**	**1.950**	**55.044**	**979.5**	**2 <A**	**1321**	**1817**	**1.11**	**40.167**	**489.0**
GEOM MEAN				**55.311**	**1.378**	**46.700**	**887.0**	**1 <A**	**1182**	**1650**	**1.09**	**37.145**	**377.1**
MINIMUM				**30.050**	**0.350**	**10.050**	**564.0**	**0.7**	**562.0**	**730.0**	**0.95**	**20.500**	**58.0**
STD DEV (GEOM *)				**21.580**	**1.565**	**27.119**	**587.6**	**2 <A**	**713**	**855**	**0.25**	**17.032**	**318.4**
# SAMPLES (IN STATISTICS)				**8**	**8**	**9**	**2**	**9**	**10**	**11**	**3**	**3**	**9**

(CONTD)

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **NEAR INLET TO QUIRKE LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-011-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0376550.0 5151850.0 4** REGION: **05** DISTANCE: **86.098**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				ALKT	PH	FEUT	ASUT	ALUT	CUUT	PBUT	CDUT	ZNUT	MNUT
81 01 29 1600		.3	1		8.61	0.110			0.012	0.003<	0.0007	0.006	
81 02 29 1600		.3	1		8.54	0.150			0.013	0.003<	0.0002<	0.007	
81 03 30 1600		.3	1		7.52	0.090			0.001<	0.003<	0.0002<	0.006	
81 05 30 1630		.3	1	15	7.42	0.19	0.001<	0.200	0.005	0.003<		0.009	0.260
81 06 30		.3	1	4	5.37	0.04	0.001<	0.220	0.011	0.003<		0.009	0.066
81 07 30		.3	1	3	4.90	0.06	0.001<	0.180	0.010	0.003<		0.007	0.140
81 08 30		.3	1	13	6.98	0.03	0.001<	0.130	0.015	0.003<		0.005	0.220
81 09 30		.3	1	15	7.27	0.36	0.001<	0.180	0.019	0.003<		0.014	0.410
81 10 30		.3	1	37	8.29	0.19	0.001<	0.150	0.006	0.003<		0.005	0.248
81 11 30		.3	1	2	7.21	1.25	0.001<	0.300	0.011	0.003<		0.011	0.310
81 12 30		.3	1		9.11	0.02	0.002	0.340	0.016	0.003		0.011	0.070
MAXIMUM				**37**	**9.11**	**1.25**	**0.002**	**0.340**	**0.019**	**0.003**	**0.0007**	**0.014**	**0.410**
ARITH MEAN				**13**	**7.38**	**0.22**	**0.002**	**0.212**	**0.012**	**0.003**	**0.0007**	**0.008**	**0.215**
GEOM MEAN				**8**	**7.27**	**0.11**		**0.203**	**0.011**			**0.008**	**0.181**
MINIMUM				**2**	**4.90**	**0.02**	**0.002**	**0.130**	**0.005**	**0.003**	**0.0007**	**0.005**	**0.066**
STD DEV (GEOM *)				**12**	**1.31**	**0.35**		**0.073**	**0.004**			**0.003**	**0.119**
# SAMPLES (IN STATISTICS)				7	11	11	1	8	10	1	1	11	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				NIUT	COUT	RA226F	GACF	GACP	GBCF	GBCP	UU238
81 01 29 1600		.3	1		0.005	2	160	1<	75	1<	86
81 02 29 1600		.3	1		0.006	2	36	2	27	5	20
81 03 30 1600		.3	1		0.002<						
81 05 30 1630		.3	1	0.0040							
81 06 30		.3	1	0.0080		5	46	5	30	3	24
81 07 30		.3	1	0.0060		2	63	2	49	3	38
81 08 30		.3	1	0.0070							
81 09 30		.3	1	0.0170		1	180	3	88	27	110
81 10 30		.3	1	0.011		3	260	6	88	40	160
81 11 30		.3	1	0.005		13	230	88	100	56	120
81 12 30		.3	1	0.010		11	80	16	66	12	42
MAXIMUM				**0.0170**	**0.006**	**13**	**260**	**88**	**100**	**56**	**160**
ARITH MEAN				**0.008**	**0.005**	**5**	**132**	**17**	**65**	**21**	**75**
GEOM MEAN				**0.007**	**0.005**	**3**	**105**	**7**	**59**	**12**	**59**
MINIMUM				**0.0040**	**0.005**	**1**	**36**	**2**	**27**	**3**	**20**
STD DEV (GEOM *)				**0.004**	**0.001**	**5**	**87**	**31**	**28**	**21**	**52**
# SAMPLES (IN STATISTICS)				8	2	8	8	7	8	7	8

B.O.W./ SITE: **CREEK**
SAMPLE POINT: **NEAR ROAD TO STANROCK TOWNSITE 32 2**
STATION TYPE: **INDUSTRIAL PROCESS**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-012-09**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0380900.0 5147400.0 4** REGION: **05** DISTANCE: **86.902**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				SAMPLE	FWSTRC	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR
81 01 28 1730		.3	1	21612	2								
81 03 30 1730		.3	1	21659		0.011	0.001<	0.480	0.570	0.005	0.610		1.095
81 05 28 1430		.3	1	21682		0.075	0.001<T		2.65			0.255	
81 06 28		.3	1	21708		0.060	0.001	0.600	0.85	0.001	0.055	0.055	0.656
81 07 28		.3	1	21734		0.025	0.002	1.160	1.25	0.052	0.330	0.380	1.542
81 09 28		.3	1	21783		0.110	0.012	1.580	1.70	0.170	0.735	0.905	2.485
MAXIMUM						**0.110**	**0.012**	**1.580**	**2.65**	**0.170**	**0.735**	**0.905**	**2.485**
ARITH MEAN						**0.056**	**0.004<A**	**0.955**	**1.40**	**0.057**	**0.432**	**0.399**	**1.444**
GEOM MEAN						**0.042**	**0.002<A**	**0.852**	**1.22**	**0.014**	**0.300**	**0.264**	**1.288**
MINIMUM						**0.011**	**0.001**	**0.480**	**0.570**	**0.001**	**0.055**	**0.055**	**0.656**
STD DEV (GEOM *)						**0.040**	**0.005<A**	**0.511**	**0.81**	**0.079**	**0.303**	**0.363**	**0.782**
# SAMPLES (IN STATISTICS)						5	4	4	5	4	4	4	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT
81 03 30 1730		.3	1	0.090	1.185	439.0	25.0	414.0	710.0	38.00	9.350	250.000	
81 05 28 1430		.3	1		2.905		11	1892	2350			1250.0	0
81 06 28		.3	1	0.250	0.906		71.9	528	880				0
81 07 28		.3	1	0.090	1.632		74.0	1877	2100			963.0	0
81 09 28		.3	1	0.120	2.605		73.0	1783	2500			1251.0	0
MAXIMUM				**0.250**	**2.905**	**439.0**	**74.0**	**1892**	**2500**	**38.00**	**9.350**	**1251.0**	
ARITH MEAN				**0.137**	**1.847**	**439.0**	**51**	**1298**	**1708**	**38.00**	**9.350**	**928.5**	
GEOM MEAN				**0.125**	**1.677**		**40**	**1067**	**1504**			**783.3**	
MINIMUM				**0.090**	**0.906**	**439.0**	**11**	**414.0**	**710.0**	**38.00**	**9.350**	**250.000**	
STD DEV (GEOM *)				**0.076**	**0.875**		**30**	**757**	**847**			**472.2**	
# SAMPLES (IN STATISTICS)				4	5	1	5	5	5	1	1	4	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 30 1730	.3		1	3.40	13.000			0.009	0.003<	0.0007	0.067		
81 05 28 1430	.3		1	2.86	90.00	0.001<	13.000	0.072	0.008		0.300	30.0	0.1000
81 06 28	.3		1	3.22	32.00	0.001<	1.100	0.008	0.016		0.044	7.700	0.0370
81 07 28	.3		1	2.89	35.50	0.001<	15.000	0.110	0.003<		0.380	29.000	0.1300
81 09 28	.3		1	2.88	77.50	0.001<	14.000	0.100	0.003<		0.430	30.250	0.1700
MAXIMUM				**3.40**	**90.00**		**15.000**	**0.110**	**0.016**	**0.0007**	**0.430**	**30.250**	**0.1700**
ARITH MEAN				**3.05**	**49.60**		**10.775**	**0.060**	**0.012**	**0.0007**	**0.244**	**24.2**	**0.1092**
GEOM MEAN				**3.04**	**40.04**		**7.403**	**0.036**	**0.011**		**0.171**	**21.2**	**0.0951**
MINIMUM				**2.86**	**13.000**		**1.100**	**0.008**	**0.008**	**0.0007**	**0.044**	**7.700**	**0.0370**
STD DEV (GEOM *)				**0.25**	**32.62**		**6.501**	**0.049**	**0.006**		**0.179**	**11.0**	**0.0561**
# SAMPLES (IN STATISTICS)				**5**	**5**		**4**	**5**	**2**	**1**	**5**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 03 30 1730	.3		1	0.060						
81 06 28	.3		1		1	9	1	9	1	4
81 07 28	.3		1		2	180	8	64	7	94
81 09 28	.3		1		1<	160	2	42	1	86
MAXIMUM				**0.060**	**2**	**180**	**8**	**64**	**7**	**94**
ARITH MEAN				**0.060**	**1**	**116**	**4**	**38**	**3**	**61**
GEOM MEAN					**1**	**64**	**3**	**29**	**2**	**32**
MINIMUM				**0.060**	**1**	**9**	**1**	**9**	**1**	**4**
STD DEV (GEOM *)					**1**	**93**	**4**	**28**	**3**	**50**
# SAMPLES (IN STATISTICS)				**1**	**2**	**3**	**3**	**3**	**3**	**3**

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **AT PANEL MINESIDE ROAD 24 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-014-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374060.0 5151050.0 4** REGION: **05** DISTANCE: **89.477**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 29 1530	.3		1	21617	8	0.025	0.008	18.500	23.500	1.250	27.500		47.250
81 02 29 1530	.3		1	21640	8	0.022			23.200				
81 03 30 1530	.3		1	21664		0.011	0.001	3.800	5.600	1.950	9.200		14.950
81 05 30 1600	.3		1	21689		0.017	0.001<T	9.80	10.90	1.40	21.8	23.2	33.000
81 06 29	.3		1	21715		0.008	0.001<T	3.020	3.80	0.001<T	17.500	17.500	20.521
81 07 30	.3		1	21741		0.013	0.001<T	5.20	6.19	1.92	28.1	30.0	35.220
81 08 30	.3		1	21766		0.035	0.004	9.600	10.70	0.017	45.000	45.000	54.617
81 09 30	.3		1	21792		0.030	0.001	18.500	20.40	4.500	55.500	60.000	78.500
81 10 30	.3		1	21818		0.023	0.001<T	10.000	15.30	8.300	40.500	48.800	58.800
81 11 30	.3		1	21843		0.004	0.005	9.150	9.50	0.575	6.420	7.000	16.145
81 12 30	.3		1	21859		0.017	0.002	26.000	4.00	0.650	45.600	46.250	72.250
MAXIMUM						**0.035**	**0.008**	**26.000**	**23.500**	**8.300**	**55.500**	**60.000**	**78.500**
ARITH MEAN						**0.019**	**0.002<A**	**11.35**	**12.09**	**2.05 <A**	**29.7**	**34.7**	**43.125**
GEOM MEAN						**0.016**	**0.002<A**	**9.24**	**9.99**	**0.52 <A**	**24.5**	**29.1**	**37.111**
MINIMUM						**0.004**	**0.001**	**3.020**	**3.80**	**0.001**	**6.420**	**7.000**	**14.950**
STD DEV (GEOM *)						**0.009**	**0.002<A**	**7.40**	**7.44**	**2.55 <A**	**16.4**	**18.1**	**22.833**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**11**	**10**	**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 29 1530	.3		1	5.000	52.250	353.0	3.0	950.0	1380.0	1.00	69.000	451.000	
81 02 29 1530	.3		1			959.0	3.0	956.0	1380.0	1.10	69.000		
81 03 30 1530	.3		1	1.800	16.750	350.0	1.0	349.0	530.0	1.40	26.000	149.000	
81 05 30 1600	.3		1	1.100	34.100		1	809	1120			333.0	13
81 06 29	.3		1	0.780	21.301		1.1	375	820			244.0	1
81 07 30	.3		1	0.990	36.210		1.4	998	1300			385.0	12
81 08 30	.3		1	1.100	55.717		1.0	1336	1850			570.0	3
81 09 30	.3		1	1.900	80.400				2500			1003.0	22
81 10 30	.3		1	5.300	64.100		0.9	1469	2100			741.0	39
81 11 30	.3		1	0.350	16.495		2.0	1815	2100			1195.0	32
81 12 30	.3		1	22.000	50.250		1.2	1387	1750			595.0	92
MAXIMUM				**22.000**	**80.400**	**959.0**	**3.0**	**1815**	**2500**	**1.40**	**69.000**	**1195.0**	**92**
ARITH MEAN				**4.032**	**42.757**	**554.0**	**1**	**1044**	**1530**	**1.17**	**54.667**	**566.6**	**27**
GEOM MEAN				**1.912**	**37.486**	**491.2**	**1**	**928**	**1407**	**1.15**	**49.838**	**478.7**	**14**
MINIMUM				**0.350**	**16.495**	**350.0**	**0.9**	**349.0**	**530.0**	**1.00**	**26.000**	**149.000**	**1**
STD DEV (GEOM *)				**6.545**	**21.424**	**350.7**	**0**	**469**	**592**	**0.21**	**24.826**	**332.6**	**29**
# SAMPLES (IN STATISTICS)				**10**	**10**	**3**	**10**	**10**	**11**	**3**	**3**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 29 1530	.3		1	8.36	0.080			0.010	0.003<	0.0004	0.005		
81 02 29 1530	.3		1	8.38	0.080			0.011	0.003<	0.0003	0.005		
81 03 30 1530	.3		1	7.05	0.040			0.001<	0.003<	0.0002<	0.024		
81 05 30 1600	.3		1	7.06	0.05	0.001<	0.220	0.005	0.003<		0.005	0.098	0.0030
81 06 29	.3		1	5.11	0.04	0.001<	0.220	0.008	0.003<		0.005	0.030	0.0060
81 07 30	.3		1	6.96	0.07	0.001<	0.270	0.010	0.003<		0.004	0.016	0.0050
81 08 30	.3		1	6.28	0.01	0.001	0.130	0.010	0.003<		0.002	0.032	0.0030
81 09 30	.3		1	7.30	0.02	0.001<	0.130	0.014	0.003<		0.006	0.092	0.0120
81 10 30	.3		1	8.83	0.09	0.002	0.160	0.005	0.003<		0.003	0.046	0.002
81 11 30	.3		1	8.60	0.38	0.001<						0.330	
81 12 30	.3		1	10.53	0.02	0.003	0.210	0.016	0.003<		0.005	0.010	0.011

(CONTD)

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **AT PANEL MINESIDE ROAD 24 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-014-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374060.0 5151050.0 4** REGION: **05** DISTANCE: **89.477**

TEST-NAME:	PH	FEUT	ASUT	ALUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
MAXIMUM	10.53	0.38	0.003	0.270	0.016		0.0004	0.024	0.330	0.0120
ARITH MEAN	7.68	0.08	0.002	0.191	0.010		0.0003	0.006	0.082	0.006
GEOM MEAN	7.55	0.05	0.002	0.185	0.009		0.0003	0.005	0.046	0.004
MINIMUM	5.11	0.01	0.001	0.130	0.005		0.0003	0.002	0.010	0.002
STD DEV (GEOM *)	1.46	0.10	0.001	0.053	0.004		0.0001	0.006	0.105	0.004
# SAMPLES (IN STATISTICS)	11	11	3	7	9		2	10	8	7

TEST-NAME:	COUT	RA226F	GACF	GACP	GBCF	GBCP	UU238
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
81 01 29 1530 .3 1	0.005	3	80	21	30	19	56
81 02 29 1530 .3 1	0.004	1	93	1<	43	1<	56
81 03 30 1530 .3 1	0.002<						
81 05 30 1600 .3 1		2	16	2	11	1	8
81 06 29 .3 1		3	19	16	22	6	10
81 07 30 .3 1		3	44	4	33	4	24
81 09 30 .3 1		16	110	130	56	60	69
81 11 30 .3 1		19	220	86	93	52	120
81 12 30 .3 1		30	30	59	50	16	10
MAXIMUM	0.005	30	220	130	93	60	120
ARITH MEAN	0.004	10	76	45	42	23	44
GEOM MEAN	0.004	5	54	21	36	11	29
MINIMUM	0.004	1	16	2	11	1	8
STD DEV (GEOM *)	0.001	11	68	48	25	24	39
# SAMPLES (IN STATISTICS)	2	8	8	7	8	7	8

B.O.W./ SITE: **STOLLERY LAKE**
SAMPLE POINT: **STOLLERY LAKE AT DENISON DAM 21 4**
STATION TYPE: **INDUSTRIAL PROCESS**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-017-09**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374500.0 5149100.0 4** REGION: **05** DISTANCE: **92.535**

TEST-NAME:	SAMPLE	FWSTRC	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
81 01 29 1330 .3 1	21614	8	0.150	0.001	72.000	88.200	3.200	98.000		173.200
81 02 28 1630 .3 1	21637	8	0.022	0.002	52.500	118.000	2.400	101.000		155.900
81 05 29 1545 .3 1	21685		0.022	0.001<T	45.5	46.80			100	
81 06 29 .3 1	21711		0.012	0.001<T	26.700	26.70			31.200	
81 07 29 .3 1	21737		0.012	0.001	23.500	26.50	13.400	46.600	60.000	83.500
81 08 29 .3 1	21762		0.027	0.001	33.0	33.50	9.000	95.0	104.000	137.000
81 09 29 .3 1	21788		0.095	0.001<T	43.500	53.70	3.500	96.500	100.000	143.500
81 10 29 .3 1	21814		0.052	0.001<T	0.090	31.50			96.200	
81 11 29 .3 1	21839		0.208	0.014	0.830	1.35	0.013	0.365	0.380	1.208
81 12 29 .3 1	21860		0.019	0.001<T	54.000	7.50	1.300	99.7	100.000	155.000
MAXIMUM			0.208	0.014	72.000	118.000	13.400	101.000	104.000	173.200
ARITH MEAN			0.062	0.002<A	35.1	43.37	4.688	76.7	73	121.330
GEOM MEAN			0.038	0.001<A	15.1	26.89	1.772	39.6	40	70.078
MINIMUM			0.012	0.001	0.090	1.35	0.013	0.365	0.380	1.208
STD DEV (GEOM *)			0.068	0.004<A	23.1	35.82	4.773	38.8	39	60.023
# SAMPLES (IN STATISTICS)			10	10	10	10	7	7	8	7

TEST-NAME:	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ALKT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
81 01 29 1330 .3 1	16.200	189.400	2943.0	17.0	2926.0	3550.0	8.90	26.000	1482.00	
81 02 28 1630 .3 1	65.500	221.400	3003.0	10.0	2993.0	3500.0	8.90	26.000	1456.00	
81 05 29 1545 .3 1	1.300	146.800		4	3215	3750			1395.0	38
81 06 29 .3 1	0.000	57.900		9.1	3046	3600			1365	20
81 07 29 .3 1	3.000	86.500		5.6	3340	3800			1470.0	31
81 08 29 .3 1	0.500	137.500		2.4	3088	3900			400.0	33
81 09 29 .3 1	10.200	153.700		11.0	3126	4000			1560.0	14
81 10 29 .3 1	31.410	127.700		5.0	2700	3400			1475.0	58
81 11 29 .3 1	0.520	1.728		10.3	195	300			63.0	2
81 12 29 .3 1	46.500	108.500		7.0	2975	3410			1225.0	256
MAXIMUM	65.500	221.400	3003.0	17.0	3340	4000	8.90	26.000	1560.0	256
ARITH MEAN	19.459	123.113	2973.0	8	2760	3321	8.90	26.000	1189	56
GEOM MEAN	6.318	83.045	2972.8	7	2310	2843	8.90	26.000	918	27
MINIMUM	0.500	1.728	2943.0	2.4	195	300	8.90	26.000	63.0	2
STD DEV (GEOM *)	23.476	63.526	42.4	4	917	1080	0.00	0.000	518	82
# SAMPLES (IN STATISTICS)	9	10	2	10	10	10	2	2	10	8

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 29 1330		.3	1	9.06	1.500		0.280	0.018	0.003<	0.0002<	0.008		
81 02 28 1630		.3	1	8.99	1.500		4.900	0.023	0.003<	0.0002<	0.003		
81 05 29 1545		.3	1	7.78	0.02	0.002	1.000	0.012	0.003<		0.001<	0.130	0.0050
81 06 29		.3	1	6.68	0.02	0.003	1.200	0.023	0.003<		0.005	0.066	0.0120
81 07 29		.3	1	8.27	0.02	0.006	1.200	0.018	0.003<		0.002	0.068	0.0090
81 08 29		.3	1	7.97	0.11	0.003	0.400	0.018	0.003<		0.005	0.204	0.0220
81 09 29		.3	1	6.33	1.10	0.001<	0.600	0.031	0.003<		0.041	0.420	0.0550
81 10 29		.3	1	9.42	0.04	0.004	0.550	0.005	0.003<		0.005	0.036	0.016
81 11 29		.3	1	6.41	1.95	0.001<	0.820	0.110	0.010		0.030	0.606	0.016
81 12 29		.3	1	11.32	0.01 <T	0.001<	0.200	0.020	0.003<		0.004	0.006	0.022
	MAXIMUM			**11.32**	**1.95**	**0.006**	**4.900**	**0.110**	**0.010**		**0.041**	**0.606**	**0.0550**
	ARITH MEAN			**8.22**	**0.62 <A**	**0.004**	**1.115**	**0.028**	**0.010**		**0.011**	**0.192**	**0.019**
	GEOM MEAN			**8.09**	**0.13 <A**	**0.003**	**0.730**	**0.020**			**0.007**	**0.095**	**0.015**
	MINIMUM			**6.33**	**0.01**	**0.002**	**0.200**	**0.005**	**0.010**		**0.002**	**0.008**	**0.0050**
	STD DEV (GEOM *)			**1.56**	**0.78 <A**	**0.002**	**1.377**	**0.030**			**0.014**	**0.213**	**0.015**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**5**	**10**	**10**	**1**		**9**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 29 1330		.3	1		4	140	190	170	140	69
81 02 28 1630		.3	1	0.007	3	150	210	160	150	68
81 06 29		.3	1		8	73	33	72	18	48
81 07 29		.3	1		26	150	27	120	18	89
81 09 29		.3	1		28	600	120	160	140	340
81 10 29		.3	1		1	350	55	130	30	200
81 11 29		.3	1		89	110	360	120	150	65
81 12 29		.3	1		84	55	140	110	72	27
	MAXIMUM			**0.007**	**89**	**600**	**360**	**170**	**150**	**340**
	ARITH MEAN			**0.007**	**30**	**203**	**142**	**130**	**90**	**113**
	GEOM MEAN				**12**	**152**	**102**	**126**	**65**	**84**
	MINIMUM			**0.007**	**1**	**55**	**27**	**72**	**18**	**27**
	STD DEV (GEOM *)				**36**	**184**	**112**	**32**	**62**	**105**
	# SAMPLES (IN STATISTICS)			**1**	**8**	**8**	**8**	**8**	**8**	**8**

B.O.W / SITE: **DUNLOP LAKE OUTLET**
SAMPLE POINT: **AT OUTLET OF DUNLOP LAKE 18 2**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-019-02**
STORET CODE: **02 002 8040**

LAT. LONG. U T M: **17 0373450.0 5148600.0 4** REGION: **05** DISTANCE: **93.339**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*
81 01 29 1400		.3	1	21613	8	0.055	0.019	0.002	0.090	0.270	0.001	0.129	0.220
81 02 29 1400		.3	1	21636	8		0.008			0.230			
81 03 30 1400		.3	1	21660		1.530	0.006	0.001<	0.030	0.170	0.001	0.114	0.145
81 05 29 1530		.3	1	21684		0.293	0.007	0.001<T	0.022	0.19			
81 06 29		.3	1	21710		2.360	0.004	0.001<T	0.028	0.14			
81 07 29		.3	1	21736		0.493	0.008	0.001	0.036	0.17			
81 08 29		.3	1	21761		0.911	0.029	0.001	0.026	0.15			
81 09 29		.3	1	21787		0.045	0.047	0.011	0.108	0.33			
81 10 29		.3	1	21813		0.030	0.122	0.001<T	0.042	0.28			
81 11 29		.3	1	21838		0.020	0.014	0.010	0.090	0.33			
81 12 29		.3	1	21861		0.016	0.007	0.001	0.040	1.50			
	MAXIMUM					**2.360**	**0.122**	**0.011**	**0.108**	**1.50**	**0.001**	**0.129**	**0.220**
	ARITH MEAN					**0.575**	**0.025**	**0.003<A**	**0.051**	**0.34**	**0.001**	**0.121**	**0.182**
	GEOM MEAN					**0.160**	**0.014**	**0.002<A**	**0.044**	**0.25**	**0.001**	**0.121**	**0.179**
	MINIMUM					**0.016**	**0.004**	**0.001**	**0.022**	**0.14**	**0.001**	**0.114**	**0.145**
	STD DEV (GEOM *)					**0.800**	**0.035**	**0.004<A**	**0.032**	**0.39**	**0.000**	**0.011**	**0.053**
	# SAMPLES (IN STATISTICS)					**10**	**11**	**9**	**10**	**11**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 29 1400		.3	1	0.180	0.400	27.0	0.9	26.000	40.0	0.41	1.100	7.000	
81 02 29 1400		.3	1			29.0	3.0	26.000	40.0	0.38	0.800	8.500	
81 03 30 1400		.3	1	0.140	0.285	25.0	1.0<	25.000	38.0	0.90	0.600	8.000	
81 05 29 1530		.3	1	0.168			1		370	0.62	0.80		8
81 06 29		.3	1	0.112			5.0		50	0.39	0.80		11
81 07 29		.3	1	0.134			0.5		34	0.42	0.75		8
81 08 29		.3	1	0.124			0.4		33	0.26	0.60		9
81 09 29		.3	1	0.222			10.1		35	0.57	0.80		10
81 10 29		.3	1	0.238			4.2		40	0.95	1.30		18
81 11 29		.3	1	0.240			2.5		130	1.67	18.50		3
81 12 29		.3	1	1.460			0.1		52	0.34	0.75		13
	MAXIMUM			**1.460**	**0.400**	**29.0**	**10.1**	**26.000**	**370**	**1.67**	**18.50**	**8.500**	**18**
	ARITH MEAN			**0.302**	**0.342**	**27.0**	**2**	**25.667**	**78**	**0.63**	**2.43**	**7.833**	**10**
	GEOM MEAN			**0.207**	**0.338**	**27.0**	**1**	**25.662**	**54**	**0.54**	**1.07**	**7.808**	**9**
	MINIMUM			**0.112**	**0.285**	**25.0**	**0.1**	**25.000**	**33**	**0.26**	**0.600**	**7.000**	**3**
	STD DEV (GEOM *)			**0.410**	**0.081**	**2.0**	**3**	**0.577**	**100**	**0.41**	**5.33**	**0.764**	**4**
	# SAMPLES (IN STATISTICS)			**10**	**2**	**3**	**10**	**3**	**11**	**11**	**11**	**3**	**8**

(CONTD)

B.O.W./ SITE: **DUNLOP LAKE OUTLET**
SAMPLE POINT: **AT OUTLET OF DUNLOP LAKE 18 2**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-019-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0373450.0 5148600.0 4** REGION: **05** DISTANCE: **93.339**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*ASUT*	*ALUT*	*CUUT*	*PBUT*
81 01 29 1400	.3	1		6.62		0.030					0.046	0.001<	0.003<
81 02 29 1400	.3	1		6.38		0.030					0.020	0.001<	0.003<
81 03 30 1400	.3	1		7.28		0.020					0.022	0.001<	0.003<
81 05 29 1530	.3	1			3	0.06	10	3.2	0.55	0.001<		0.001<	0.003<
81 06 29	.3	1			1<T	0.03	12	4.0	0.50	0.001<		0.001	0.003<
81 07 29	.3	1			1	0.05	11	3.4	0.50	0.001<		0.001	0.004
81 08 29	.3	1			1<T	0.02	10	3.4	0.40	0.001<		0.001<	0.004
81 09 29	.3	1			1<T	0.19	11	3.8	0.50	0.001<		0.002	0.003<
81 10 29	.3	1			1<T	0.10	11	3.6	0.50	0.001<		0.002	0.003<
81 11 29	.3	1				0.21	28	8.4	1.80	0.001<		0.002	0.006
81 12 29	.3	1			1<T	0.02	14	4.6	0.70	0.001<		0.001<	0.003<
MAXIMUM				**7.28**	**3**	**0.21**	**28**	**8.4**	**1.80**		**0.046**	**0.002**	**0.006**
ARITH MEAN				**6.76**	**1<A**	**0.06**	**13**	**4.3**	**0.68**		**0.029**	**0.002**	**0.005**
GEOM MEAN				**6.75**	**1<A**	**0.04**	**13**	**4.1**	**0.60**		**0.027**	**0.002**	**0.005**
MINIMUM				**6.38**	**1**	**0.020**	**10**	**3.2**	**0.40**		**0.020**	**0.001**	**0.004**
STD DEV (GEOM *)				**0.47**	**1<A**	**0.06**	**6**	**1.7**	**0.46**		**0.014**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)				**3**	**7**	**11**	**8**	**8**	**8**		**3**	**5**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*CDUT*	*ZNUT*	*NIUT*	*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 29 1400	.3	1		0.001	0.021			1<	1	1<	3	1<	10<
81 02 29 1400	.3	1		0.002	0.018		0.002<	1<	1<	1<	3	1<	10<
81 03 30 1400	.3	1		0.0002<	0.010	0.003 <							
81 05 29 1530	.3	1			0.008	0.0040<							
81 06 29	.3	1			0.002	0.0008		1<	3	1<	1	1<	3<
81 07 29	.3	1			0.002	0.0010		1<	1	1<	2	1<	3<
81 08 29	.3	1			0.001<	0.0010<							
81 09 29	.3	1			0.003	0.0010<		1<	3	1<	1	1<	3<
81 10 29	.3	1			0.006	0.002 <		1<	7	1<	2	1<	5
81 11 29	.3	1			0.013	0.006		1<	1	1	2	1<	3<
81 12 29	.3	1			0.005	0.001 <		1<	3	1<	3	1<	3<
MAXIMUM				**0.002**	**0.021**	**0.006**			**7**	**1**	**3**		**5**
ARITH MEAN				**0.001**	**0.009**	**0.002**			**3**	**1**	**2**		**5**
GEOM MEAN				**0.001**	**0.007**	**0.001**			**2**		**2**		
MINIMUM				**0.001**	**0.002**	**0.0008**			**1**	**1**	**1**		**5**
STD DEV (GEOM *)				**0.000**	**0.007**	**0.002**			**2**		**1**		
# SAMPLES (IN STATISTICS)				**2**	**10**	**3**			**7**	**1**	**8**		**1**

B.O.W./ SITE: **QUIRKE TAILINGS CONTROL**
SAMPLE POINT: **POND A OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-022-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0370375.0 5150900.0 4** REGION: **05** DISTANCE: **91.730**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 29 1500	.3	1		21616	8	0.035	0.001	0.132	0.260	0.008	0.177		0.317
81 02 29 1500	.3	1		21639	8	0.012			0.270				
81 03 30 1500	.3	1		21663		0.010	0.001	0.112	0.360	0.002	0.308		0.422
81 05 30 1545	.3	1		21688		0.007	0.001<T	0.060	0.16	0.005	0.140	0.145	0.205
81 06 29	.3	1		21714		0.012	0.001<T	0.062	0.42	0.006	0.094	0.100	0.162
81 07 30	.3	1		21740		0.030	0.001<T	0.192	0.64	0.004	0.611	0.615	0.807
81 08 30	.3	1		21765		0.034	0.001	0.126	0.44	0.019	0.220	0.240	0.365
81 09 30	.3	1		21791		0.026	0.001	0.056	0.32	0.003	0.055	0.060	0.114
81 10 30	.3	1		21817		0.019	0.001<T	0.046	0.29	0.004	0.135	0.140	0.185
81 11 30	.3	1		21842		0.011	0.003	0.072	0.36	0.038	0.100	0.140	0.210
81 12 30	.3	1		21862		0.012	0.004	0.114	0.35	0.004	0.315	0.320	0.433
MAXIMUM						**0.035**	**0.004**	**0.192**	**0.64**	**0.038**	**0.611**	**0.615**	**0.807**
ARITH MEAN						**0.019**	**0.001<A**	**0.097**	**0.35**	**0.009**	**0.215**	**0.220**	**0.322**
GEOM MEAN						**0.016**	**0.001<A**	**0.088**	**0.33**	**0.006**	**0.172**	**0.173**	**0.275**
MINIMUM						**0.007**	**0.001**	**0.046**	**0.16**	**0.002**	**0.055**	**0.060**	**0.114**
STD DEV (GEOM *)						**0.010**	**0.001<A**	**0.046**	**0.12**	**0.011**	**0.164**	**0.179**	**0.204**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**11**	**10**	**10**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 29 1500	.3	1		0.128	0.445	37.0	2.0	35.000	54.0	0.76	1.250	8.500	
81 02 29 1500	.3	1				30.0	0.9	29.000	45.0	0.74	1.250	8.500	
81 03 30 1500	.3	1		0.248	0.670	35.0	1.0	34.000	52.6	7.00	2.400	11.500	
81 05 30 1545	.3	1		0.100	0.305		1 <W	40	62			8.0	10
81 06 29	.3	1		0.358	0.520		2.9	35	54			8.5	11
81 07 30	.3	1		0.448	1.255		1.2	36	56			7.5	10
81 08 30	.3	1		0.314	0.679		1.3	29	45			5.0	10
81 09 30	.3	1		0.264	0.378			33	50			7.5	12
81 10 30	.3	1		0.244	0.429		0.1	35	54			7.5	14
81 11 30	.3	1		0.288	0.498		0.9	107	165			57.0	9
81 12 30	.3	1		0.236	0.669		0.1<W	38	59			9.0	16
MAXIMUM				**0.448**	**1.255**	**37.0**	**2.9**	**107**	**165**	**7.00**	**2.400**	**57.0**	**16**
ARITH MEAN				**0.263**	**0.585**	**34.0**	**1 <A**	**41**	**63**	**2.83**	**1.633**	**12.5**	**11**
GEOM MEAN				**0.242**	**0.542**	**33.9**	**0 <A**	**37**	**58**	**1.58**	**1.554**	**9.5**	**11**
MINIMUM				**0.100**	**0.305**	**30.0**	**0.1**	**29.000**	**45.0**	**0.74**	**1.250**	**5.0**	**9**
STD DEV (GEOM *)				**0.101**	**0.269**	**3.6**	**0 <A**	**22**	**34**	**3.61**	**0.664**	**14.8**	**2**
# SAMPLES (IN STATISTICS)				**10**	**10**	**3**	**10**	**11**	**11**	**3**	**3**	**11**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 29 1500		.3	1	6.94	0.580			0.001<	0.003<	0.0002<	0.005		
81 02 29 1500		.3	1	7.08	0.580			0.001<	0.003<	0.0002<	0.005		
81 03 30 1500		.3	1	7.30	0.440			0.001<	0.003<	0.0002<	0.010		
81 05 30 1545		.3	1	7.26	0.23	0.001<	0.071	0.002	0.005		0.026	0.076	0.0020<
81 06 29		.3	1	7.26	0.35	0.001<	0.073	0.002	0.003<		0.003	0.038	0.0020
81 07 30		.3	1	6.97	0.21	0.001<	0.066	0.003	0.005		0.006	0.020	0.0020
81 08 30		.3	1	6.91	0.11	0.001<	0.028	0.001	0.003<		0.002	0.044	0.0010
81 09 30		.3	1	7.45	0.11	0.001<	0.061	0.003	0.003<		0.004	0.040	0.0010
81 10 30		.3	1	7.64	0.16	0.001<	0.027	0.001	0.003<		0.007	0.054	0.002 <
81 11 30		.3	1	7.04	0.04	0.001<	0.031	0.006	0.004		0.007	0.120	0.004
81 12 30		.3	1	7.39	0.32	0.001<	0.040	0.002	0.003<		0.008	0.120	0.001 <
MAXIMUM				**7.64**	**0.580**		**0.073**	**0.006**	**0.005**		**0.026**	**0.120**	**0.004**
ARITH MEAN				**7.20**	**0.28**		**0.050**	**0.002**	**0.005**		**0.008**	**0.064**	**0.002**
GEOM MEAN				**7.20**	**0.22**		**0.046**	**0.002**	**0.005**		**0.006**	**0.055**	**0.001**
MINIMUM				**6.91**	**0.04**		**0.027**	**0.001**	**0.004**		**0.002**	**0.020**	**0.0010**
STD DEV (GEOM *)				**0.24**	**0.18**		**0.020**	**0.002**	**0.001**		**0.007**	**0.038**	**0.001**
# SAMPLES (IN STATISTICS)				**11**	**11**		**8**	**8**	**3**		**11**	**8**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 29 1500		.3	1	0.002<	1<	1	1<	1	1<	10<
81 02 29 1500		.3	1	0.002<	1<	2	7	1	6	10<
81 03 30 1500		.3	1	0.002<						
81 06 29		.3	1		1	4	1	3	1	3<
81 07 30		.3	1		1<	1	1<	1	1<	3<
81 09 30		.3	1		1<	3	1<	2	1<	3<
81 10 30		.3	1		1<	3	1	2	1<	3<
81 11 30		.3	1		2	7	3	5	1	3<
MAXIMUM					**2**	**7**	**7**	**5**	**6**	
ARITH MEAN					**1**	**3**	**3**	**2**	**3**	
GEOM MEAN					**1**	**2**	**2**	**2**	**2**	
MINIMUM					**1**	**1**	**1**	**1**	**1**	
STD DEV (GEOM *)					**1**	**2**	**3**	**1**	**3**	
# SAMPLES (IN STATISTICS)					**2**	**7**	**4**	**7**	**3**	

B.O.W./ SITE: **PRONTO EFFLUENT**
SAMPLE POINT: **AT HWY.NO.17 NEAR PRONTO MINE RD.60 1**
STATION TYPE: **LAKE FLOW GAUGE MOE 02CD100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-023-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0369000.0 5117650.0 4** REGION: **05** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 25 1800		.3	1	21603	8	0.055			0.890				
81 02 25 1800		.3	1	21626	8	0.070			1.320				
81 03 26 1800		.3	1	21650		0.018	0.002	0.550	1.040	0.014	0.186		0.750
81 05 27		.3	1	21673		0.007	0.001<T	0.010	0.12	0.001	0.020	0.020	0.031
81 06 27		.3	1	21699		0.011	0.001<T	0.002	0.70	0.001	0.125	0.125	0.128
81 07 27		.3	1	21725		0.022	0.001	0.006	0.32	0.001<T	0.035	0.035	0.042
81 09 27		.3	1	21776		0.150	0.074	0.054	0.45	0.012	0.015	0.025	0.081
81 10 27		.3	1	21802		0.017	0.001	0.008	0.31	0.001<T	0.015	0.015	0.024
81 11 27		.3		21828		0.102	0.072	0.210	0.31	0.002	0.335	0.335	0.547
81 12 27		.3	1	21863		0.010	0.001<T	0.258	0.49	0.006	0.150	0.155	0.414
MAXIMUM						**0.150**	**0.074**	**0.550**	**1.320**	**0.014**	**0.335**	**0.335**	**0.750**
ARITH MEAN						**0.046**	**0.019<A**	**0.137**	**0.59**	**0.005<A**	**0.110**	**0.101**	**0.252**
GEOM MEAN						**0.028**	**0.003<A**	**0.033**	**0.48**	**0.003<A**	**0.061**	**0.056**	**0.124**
MINIMUM						**0.007**	**0.001**	**0.002**	**0.12**	**0.001**	**0.015**	**0.015**	**0.024**
STD DEV (GEOM *)						**0.048**	**0.033<A**	**0.195**	**0.38**	**0.005<A**	**0.113**	**0.117**	**0.281**
# SAMPLES (IN STATISTICS)						**10**	**8**	**8**	**10**	**8**	**8**	**7**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 25 1800		.3	1			330.0	66.0	264.0	420.0	12.00	55.000		
81 02 25 1800		.3	1			348.0	63.0	285.0	415.0	11.00	52.000		
81 03 26 1800		.3	1	0.490	1.240	787.0	12.0	775.0	970.0	3.00	16.000	423.000	
81 05 27		.3	1	0.110	0.141		1 <W	650	800			375.0	21
81 06 27		.3	1	0.698	0.826		6.3	604	760			315.0	39
81 07 27		.3	1	0.314	0.356		10.9	800	980			400.0	75
81 09 27		.3	1	0.396	0.477		4.3	491	860			307.5	82
81 10 27		.3	1	0.302	0.326		0.3	522	770			291.0	42
81 11 27		.3		0.100	0.647		0.3	137	210			69.0	5
81 12 27		.3	1	0.232	0.646		5.1	978	1190			564.0	35
MAXIMUM				**0.698**	**1.240**	**787.0**	**66.0**	**978**	**1190**	**12.00**	**55.000**	**564.0**	**82**
ARITH MEAN				**0.330**	**0.582**	**488.3**	**16 <A**	**550**	**737**	**8.67**	**41.000**	**343.0**	**43**
GEOM MEAN				**0.275**	**0.490**	**448.8**	**4 <A**	**478**	**664**	**7.34**	**35.768**	**302.2**	**32**
MINIMUM				**0.100**	**0.141**	**330.0**	**0.3**	**137**	**210**	**3.00**	**16.000**	**69.0**	**5**
STD DEV (GEOM *)				**0.199**	**0.343**	**258.8**	**25 <A**	**266**	**302**	**4.93**	**21.703**	**141.0**	**28**
# SAMPLES (IN STATISTICS)				**8**	**8**	**3**	**10**	**10**	**10**	**3**	**3**	**8**	**7**

(CONTD)

B.O.W./ SITE: **PRONTO EFFLUENT**
SAMPLE POINT: **AT HWY.NO.17 NEAR PRONTO MINE RD.60 1**
STATION TYPE: **LAKE FLOW GAUGE MOE 02CD100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-023-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0369000.0 5117650.0 4** REGION: **05** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 25 1800		.3	1	6.99	1.600		0.750	0.006	0.003<	0.0003	0.014		0.003 <
81 02 25 1800		.3	1	7.17	1.600		0.730	0.005	0.003<	0.0002<	0.013		0.004
81 03 26 1800		.3	1	7.57	0.540		0.300	0.006	0.002<	0.002	0.007		0.002 <
81 05 27		.3	1	6.94	0.09	0.001<	0.070	0.007	0.003<		0.005	0.014	0.0030
81 06 27		.3	1	7.69	0.55	0.001<	0.210	0.010	0.007		0.005	0.066	0.0050
81 07 27		.3	1	6.84	2.20	0.001	0.250	0.010	0.005		0.004	0.288	0.0040
81 09 27		.3	1	7.78	0.66	0.001<	0.130	0.012	0.003<		0.005	0.078	0.0040
81 10 27		.3	1	7.11	0.13	0.001<	0.030	0.004	0.003<		0.003	0.014	0.002 <
81 11 27		.3		6.55	0.06	0.001<	0.160	0.006	0.005		0.030	0.184	0.008
81 12 27		.3	1	6.79	0.71	0.001<	0.200	0.017	0.004		0.033	0.324	0.008
MAXIMUM				**7.78**	**2.20**	**0.001**	**0.750**	**0.017**	**0.007**	**0.002**	**0.033**	**0.324**	**0.008**
ARITH MEAN				**7.14**	**0.81**	**0.001**	**0.283**	**0.008**	**0.005**	**0.001**	**0.012**	**0.138**	**0.005**
GEOM MEAN				**7.13**	**0.47**		**0.194**	**0.008**	**0.005**	**0.000**	**0.008**	**0.078**	**0.004**
MINIMUM				**6.55**	**0.06**	**0.001**	**0.030**	**0.004**	**0.004**	**0.0003**	**0.003**	**0.014**	**0.0030**
STD DEV (GEOM *)				**0.41**	**0.73**		**0.254**	**0.004**	**0.001**	**0.001**	**0.011**	**0.128**	**0.002**
# SAMPLES (IN STATISTICS)				**10**	**10**	**1**	**10**	**10**	**4**	**2**	**10**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 25 1800		.3	1		1	7	3	6	2	10<
81 02 25 1800		.3	1		1<	10	1	5	2	10<
81 03 26 1800		.3	1	0.024	2	21	2	8	4	12
81 06 27		.3	1		2	18	1	9	1	10
81 07 27		.3	1		4	45	7	10	8	22
81 10 27		.3	1		2	29	1	11	3	17
81 11 27		.3			1	12	5	9	4	5
81 12 27		.3	1		2	23	1	8	2	9
MAXIMUM				**0.024**	**4**	**45**	**7**	**11**	**8**	**22**
ARITH MEAN				**0.024**	**2**	**21**	**3**	**8**	**3**	**12**
GEOM MEAN					**2**	**18**	**2**	**8**	**3**	**11**
MINIMUM				**0.024**	**1**	**7**	**1**	**5**	**1**	**5**
STD DEV (GEOM *)					**1**	**12**	**2**	**2**	**2**	**6**
# SAMPLES (IN STATISTICS)				**1**	**7**	**8**	**8**	**8**	**8**	**6**

B.O.W./ SITE: **ELLIOT LAKE**
SAMPLE POINT: **AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-027-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0372000.0 5138450.0 4** REGION: **05** DISTANCE: **76.442**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 26 1600		.3	1	21609	8	0.015	0.003	0.182	0.410	0.006	0.969		1.157
81 02 26 1600		.3	1	21632	8	0.014	0.003	0.248	0.480	0.010	1.340		1.598
81 03 27 1600		.3	1	21656		0.066	0.001<	0.202	0.420	0.010	0.379		0.591
81 05 28 1700		.3	1	21679		0.020	0.001<T	0.050	0.32	0.008	0.530	0.540	0.588
81 06 28		.3	1	21705		0.018	0.002	0.002	0.15	0.001	0.379	0.380	0.382
81 07 28		.3	1	21731		0.010	0.002	0.048	0.25	0.004	0.195	0.200	0.247
81 08 28		.3	1	21756		0.034	0.001	0.098	0.26	0.004	0.155	0.160	0.257
81 09 28		.3	1	21782		0.285	0.200	0.036	0.28	0.008	0.190	0.200	0.234
81 10 28		.3	1	21808		0.042	0.001	0.072	0.32	0.001	0.455	0.455	0.528
81 11 28		.3	1	21834		0.028	0.002	44.750	45.80	1.700	99.550	101.250	146.000
81 12 28		.3	1	21868		0.012	0.007	0.024	0.23	0.005	1.200	1.250	1.229
MAXIMUM						**0.285**	**0.200**	**44.750**	**45.80**	**1.700**	**99.550**	**101.250**	**146.000**
ARITH MEAN						**0.049**	**0.022<A**	**4.156**	**4.44**	**0.160**	**9.577**	**13.054**	**13.892**
GEOM MEAN						**0.028**	**0.003<A**	**0.102**	**0.46**	**0.008**	**0.729**	**0.724**	**0.908**
MINIMUM						**0.010**	**0.001**	**0.002**	**0.15**	**0.001**	**0.155**	**0.160**	**0.234**
STD DEV (GEOM *)						**0.080**	**0.062<A**	**13.464**	**13.71**	**0.511**	**29.844**	**35.638**	**43.818**
# SAMPLES (IN STATISTICS)						**11**	**10**	**11**	**11**	**11**	**11**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 26 1600		.3	1	0.228	1.385	165.0	2.0	163.000	250.0	0.58	49.000	22.500	
81 02 26 1600		.3	1	0.232	1.830	201.0	3.0	198.000	305.0	0.84	70.000	20.000	
81 03 27 1600		.3	1	0.218	0.809	83.0	2.0	81.000	124.0	1.00	15.000	24.000	
81 05 28 1700		.3	1	0.270	0.858		8	124	190			23.5	9
81 06 28		.3	1	0.148	0.530		10.1	74	114			20.0	6
81 07 28		.3	1	0.202	0.449		3.9	78	120			22.5	6
81 08 28		.3	1	0.162	0.419		0.3	73	112			25.5	8
81 09 28		.3	1	0.244	0.478		84.0	272	136			28.5	8
81 10 28		.3	1	0.248	0.776		2.3	130	200			24.5	10
81 11 28		.3	1	1.050	147.050		8.6	2635	3300		~	8.5	84
81 12 28		.3	1	0.206	1.435		1.6	292	505			31.5	23
MAXIMUM				**1.050**	**147.050**	**201.0**	**84.0**	**2635**	**3300**	**1.00**	**70.000**	**31.5**	**84**
ARITH MEAN				**0.292**	**14.184**	**149.7**	**11**	**374**	**486**	**0.81**	**44.667**	**22.8**	**19**
GEOM MEAN				**0.246**	**1.269**	**140.1**	**3**	**171**	**235**	**0.79**	**37.193**	**21.8**	**12**
MINIMUM				**0.148**	**0.419**	**83.0**	**0.3**	**73**	**112**	**0.58**	**15.000**	**8.5**	**6**
STD DEV (GEOM *)				**0.254**	**44.069**	**60.5**	**24**	**753**	**940**	**0.21**	**27.755**	**5.8**	**27**
# SAMPLES (IN STATISTICS)				**11**	**11**	**3**	**11**	**11**	**11**	**3**	**3**	**11**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				PH	FEUT	ASUT	ALUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT
81 01 26 1600		.3	1	6.44			0.200	0.003	0.005	0.001	0.038		0.010
81 02 26 1600		.3	1	6.94			0.520	0.004	0.030	0.004	0.051		0.010
81 03 27 1600		.3	1	6.60			0.040	0.001<	0.003<	0.0007	0.010		
81 05 28 1700		.3	1	6.91	0.43	0.001<	0.220	0.001<	0.003<		0.011	0.172	0.0020<
81 06 28		.3	1	6.64	0.27	0.001<	0.200	0.002	0.007		0.009	0.132	0.0060
81 07 28		.3	1	6.64	0.10	0.001<	0.051	0.002	0.005		0.003	0.036	0.0050
81 08 28		.3	1	6.79	0.03	0.001<	0.020	0.001	0.004		0.002	0.014	0.0030
81 09 28		.3	1	7.30	0.79	0.001<	1.000	0.005	0.004		0.009	0.050	0.0050
81 10 28		.3	1	6.84	0.15	0.001<	0.100	0.001	0.003<		0.006	0.172	0.003
81 11 28		.3	1	10.03	0.02	0.004						0.024	
81 12 28		.3	1	7.67	0.08	0.001<	0.067	0.003	0.005		1.100	0.080	0.003
MAXIMUM				**10.03**	**0.79**	**0.004**	**1.000**	**0.005**	**0.030**	**0.004**	**1.100**	**0.172**	**0.010**
ARITH MEAN				**7.16**	**0.23**	**0.004**	**0.242**	**0.003**	**0.009**	**0.001**	**0.124**	**0.085**	**0.005**
GEOM MEAN				**7.11**	**0.13**		**0.129**	**0.002**	**0.006**	**0.001**	**0.015**	**0.061**	**0.005**
MINIMUM				**6.44**	**0.02**	**0.004**	**0.020**	**0.001**	**0.004**	**0.0007**	**0.002**	**0.014**	**0.0030**
STD DEV (GEOM *)				**1.01**	**0.26**		**0.304**	**0.001**	**0.010**	**0.001**	**0.343**	**0.065**	**0.002**
# SAMPLES (IN STATISTICS)				**11**	**8**	**1**	**10**	**8**	**7**	**3**	**10**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				COUT	RA226F	GACF	GACP	GBCF	GBCP	UU238
81 01 26 1600		.3	1		1<	3	1	10	2	10<
81 02 26 1600		.3	1	0.002<						
81 03 27 1600		.3	1		1	2	1<	3	1<	10<
81 06 28		.3	1		1<	3	2	2	2	3<
81 07 28		.3	1		1<	24	1	19	1<	3
81 08 28		.3	1		1<	7	1<	4	1<	4
81 10 28		.3	1		1<	6	1	3	1	4
81 11 28		.3	1		1	5	2	3	1	3<
81 12 28		.3	1		1<	5	1<	4	1<	3
MAXIMUM					**1**	**24**	**2**	**19**	**2**	**4**
ARITH MEAN					**1**	**7**	**1**	**6**	**1**	**3**
GEOM MEAN					**1**	**5**	**1**	**4**	**1**	**3**
MINIMUM					**1**	**2**	**1**	**2**	**1**	**3**
STD DEV (GEOM *)					**0**	**7**	**1**	**6**	**1**	**1**
# SAMPLES (IN STATISTICS)					**2**	**8**	**5**	**8**	**4**	**4**

B.O.W./ SITE: **DUNLOP LAKE**
SAMPLE POINT: **DUNLOP LAKE IN BAY A 18 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-030-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0372900.0 5149000.0 4** REGION: **05** DISTANCE: **93.822**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR
81 07 17 1210		.3	1	22248	8		0.015	0.004		0.21	0.002	0.043	0.045
81 10 28 1000		.3	1	22279		6.0	0.008	0.005	0.004	0.17	0.001	0.055	0.055
MAXIMUM						**6.0**	**0.015**	**0.005**	**0.004**	**0.21**	**0.002**	**0.055**	**0.055**
ARITH MEAN						**6.0**	**0.011**	**0.004**	**0.004**	**0.19**	**0.001**	**0.049**	**0.050**
GEOM MEAN							**0.011**	**0.004**		**0.19**	**0.001**	**0.049**	**0.050**
MINIMUM						**6.0**	**0.008**	**0.004**	**0.004**	**0.17**	**0.001**	**0.043**	**0.045**
STD DEV (GEOM *)							**0.005**	**0.001**		**0.03**	**0.001**	**0.008**	**0.007**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**1**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	SSO4UR	ALKT	PH	FWPH
81 07 17 1210		.3	1			0.255	1 <T	21	33	7.5	7	7.08	
81 10 28 1000		.3	1	0.060	0.166	0.226	0.4	21	32	7.5	8	6.78	6.72
MAXIMUM				**0.060**	**0.166**	**0.255**	**1**	**21**	**33**	**7.5**	**8**	**7.08**	**6.72**
ARITH MEAN				**0.060**	**0.166**	**0.240**	**0 <A**	**21**	**32**	**7.5**	**7**	**6.93**	**6.72**
GEOM MEAN						**0.240**	**0 <A**	**21**	**32**	**7.5**	**7**	**6.93**	
MINIMUM				**0.060**	**0.166**	**0.226**	**0.4**	**21**	**32**	**7.5**	**7**	**6.78**	**6.72**
STD DEV (GEOM *)						**0.021**	**0 <A**	**0**	**1**	**0.0**	**1**	**0.21**	
# SAMPLES (IN STATISTICS)				**1**	**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
TEST-NAME:				FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT	RA226F	GACF
81 07 17 1210		.3	1	0.03	0.001<	0.010	0.001<	0.003<	0.001<	0.008	0.0020<	1<	1<
81 10 28 1000		.3	1	0.03	0.001<	0.140	0.001<	0.005	0.001<	0.016	0.0010	1<	1
MAXIMUM				**0.03**		**0.140**		**0.005**		**0.016**	**0.0010**		**1**
ARITH MEAN				**0.03**		**0.075**		**0.005**		**0.012**	**0.0010**		**1**
GEOM MEAN				**0.03**		**0.037**				**0.011**			
MINIMUM				**0.03**		**0.010**		**0.005**		**0.008**	**0.0010**		**1**
STD DEV (GEOM *)				**0.00**		**0.092**				**0.006**			
# SAMPLES (IN STATISTICS)				**2**		**2**		**1**		**2**	**1**		**1**

(CONTD)

B.O.W./ SITE: **DUNLOP LAKE**
SAMPLE POINT: **DUNLOP LAKE IN BAY A 18 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-030-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0372900.0 5149000.0 4** REGION: **05** DISTANCE: **93.822**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*GACP*	*GBCF*	*GBCP*	*UU238*
81 07 17 1210		.3	1	1<	2	1<	3<
81 10 28 1000		.3	1	1<	2	1<	3<
MAXIMUM					2		
ARITH MEAN					2		
GEOM MEAN					2		
MINIMUM					2		
STD DEV (GEOM *)					0		
# SAMPLES (IN STATISTICS)					2		

B.O.W./ SITE: **QUIRKE LAKE**
SAMPLE POINT: **SOUTH WEST OF STANROCK MINE 25 4**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-031-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0379400.0 5147075.0 4** REGION: **05** DISTANCE: **85.454**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 07 17 1145		.3	1	22246	8		0.021	0.015	3.4	3.60	0.105	8.9	9
81 10 28 1018		.3	1	22280		8.0	0.003	0.001	3.600	3.65	0.072	9.300	10.000
MAXIMUM						8.0	0.021	0.015	3.600	3.65	0.105	9.300	10.000
ARITH MEAN						8.0	0.012	0.008	3.5	3.62	0.088	9.1	9
GEOM MEAN							0.008	0.004	3.4	3.62	0.087	9.0	9
MINIMUM						8.0	0.003	0.001	3.4	3.60	0.072	8.9	9
STD DEV (GEOM *)							0.013	0.010	0.1	0.04	0.023	0.2	0
# SAMPLES (IN STATISTICS)						1	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*	*FWPH*
81 07 17 1145		.3	1	12.405	0.200	12.605	1 <T	323	470	173	5	6.51	
81 10 28 1018		.3	1	12.972	0.050	13.022	0.3	348	500	171.0	4	6.49	5.03
MAXIMUM				12.972	0.200	13.022	1	348	500	173	5	6.51	5.03
ARITH MEAN				12.688	0.125	12.813	0 <A	335	485	172	4	6.50	5.03
GEOM MEAN				12.685	0.100	12.812	0 <A	335	485	172	4	6.50	
MINIMUM				12.405	0.050	12.605	0.3	323	470	171.0	4	6.49	5.03
STD DEV (GEOM *)				0.401	0.106	0.295	0 <A	18	21	1	1	0.01	
# SAMPLES (IN STATISTICS)				2	2	2	2	2	2	2	2	2	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
TEST-NAME:				*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*	*RA226F*	*GACF*
81 07 17 1145		.3	1	0.03	0.001<	0.082	0.003	0.003<	0.013	0.296	0.0040	3	29
81 10 28 1018		.3	1	0.01	0.001<	0.140	0.007	0.005	0.015	0.300	0.0080	2	36
MAXIMUM				0.03		0.140	0.007	0.005	0.015	0.300	0.0080	3	36
ARITH MEAN				0.02		0.111	0.005	0.005	0.014	0.298	0.0060	2	32
GEOM MEAN				0.02		0.107	0.005		0.014	0.298	0.0057	2	32
MINIMUM				0.01		0.082	0.003	0.005	0.013	0.296	0.0040	2	29
STD DEV (GEOM *)				0.01		0.041	0.003		0.001	0.003	0.0028	1	5
# SAMPLES (IN STATISTICS)				2		2	2	1	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*GACP*	*GBCF*	*GBCP*	*UU238*
81 07 17 1145		.3	1	2	19	2	9
81 10 28 1018		.3	1	2	20	3	15
MAXIMUM				2	20	3	15
ARITH MEAN				2	19	2	12
GEOM MEAN				2	19	2	12
MINIMUM				2	19	2	9
STD DEV (GEOM *)				0	1	1	4
# SAMPLES (IN STATISTICS)				2	2	2	2

B.O.W./ SITE: **QUIRKE LAKE**
SAMPLE POINT: **NORTH EAST OF CAN MET MINE 25 7**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-032-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0382650.0 5149100.0 4** REGION: **05** DISTANCE: **81.109**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1120	.3	1	22244	8		0.042	0.022	3.25	3.40	0.100	8.65	8.75
81 10 28 1028	.3	1	22281		8.0	0.006	0.001	3.450	3.50	0.068	9.430	9.500
MAXIMUM					**8.0**	**0.042**	**0.022**	**3.450**	**3.50**	**0.100**	**9.430**	**9.500**
ARITH MEAN					**8.0**	**0.024**	**0.011**	**3.35**	**3.45**	**0.084**	**9.04**	**9.12**
GEOM MEAN						**0.016**	**0.005**	**3.34**	**3.45**	**0.082**	**9.03**	**9.11**
MINIMUM					**8.0**	**0.006**	**0.001**	**3.25**	**3.40**	**0.068**	**8.65**	**8.75**
STD DEV (GEOM *)						**0.025**	**0.015**	**0.14**	**0.07**	**0.023**	**0.55**	**0.53**
# SAMPLES (IN STATISTICS)					1	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
81 07 17 1120	.3	1		12.000	0.150	12.150	1 <T	278	460	165	4	6.59	
81 10 28 1028	.3	1		12.948	0.050	12.998	0.2	353	490	168.0	4	6.36	5.80
MAXIMUM				**12.948**	**0.150**	**12.998**	**1**	**353**	**490**	**168.0**	**4**	**6.59**	**5.80**
ARITH MEAN				**12.474**	**0.100**	**12.574**	**0 <A**	**315**	**475**	**166**	**4**	**6.47**	**5.80**
GEOM MEAN				**12.465**	**0.087**	**12.567**	**0 <A**	**313**	**475**	**166**	**4**	**6.47**	
MINIMUM				**12.000**	**0.050**	**12.150**	**0.2**	**278**	**460**	**165**	**4**	**6.36**	**5.80**
STD DEV (GEOM *)				**0.670**	**0.071**	**0.600**	**0 <A**	**53**	**21**	**2**	**0**	**0.16**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
81 07 17 1120	.3	1		0.03	0.001<	0.061	0.003	0.003<	0.011	0.282	0.0040	2	25
81 10 28 1028	.3	1		0.02	0.001<	0.130	0.006	0.005	0.015	0.320	0.0080	3	29
MAXIMUM				**0.03**		**0.130**	**0.006**	**0.005**	**0.015**	**0.320**	**0.0080**	**3**	**29**
ARITH MEAN				**0.02**		**0.095**	**0.004**	**0.005**	**0.013**	**0.301**	**0.0060**	**2**	**27**
GEOM MEAN				**0.02**		**0.089**	**0.004**		**0.013**	**0.300**	**0.0057**	**2**	**27**
MINIMUM				**0.02**		**0.061**	**0.003**	**0.005**	**0.011**	**0.282**	**0.0040**	**2**	**25**
STD DEV (GEOM *)				**0.01**		**0.049**	**0.002**		**0.003**	**0.027**	**0.0028**	**1**	**3**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
81 07 17 1120	.3	1		2	14	1	9
81 10 28 1028	.3	1		2	17	3	13
MAXIMUM				**2**	**17**	**3**	**13**
ARITH MEAN				**2**	**15**	**2**	**11**
GEOM MEAN				**2**	**15**	**2**	**11**
MINIMUM				**2**	**14**	**1**	**9**
STD DEV (GEOM *)				**0**	**2**	**1**	**3**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**

B.O.W./ SITE: **QUIRKE LAKE**
SAMPLE POINT: **SOUTH EAST CORNER 25 6**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-033-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0382500.0 5147450.0 4** REGION: **05** DISTANCE: **83.040**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1140	.3	1	22245	8		0.010	0.001<T	3.35	3.40	0.105	8.9	9.00
81 10 28 1038	.3	1	22282		8.0	0.005	0.001<T	3.500	3.60	0.068	9.430	9.500
MAXIMUM					**8.0**	**0.010**	**0.001**	**3.500**	**3.60**	**0.105**	**9.430**	**9.500**
ARITH MEAN					**8.0**	**0.007**	**0.001<A**	**3.42**	**3.50**	**0.086**	**9.1**	**9.25**
GEOM MEAN						**0.007**	**0.001<A**	**3.42**	**3.50**	**0.084**	**9.1**	**9.24**
MINIMUM					**8.0**	**0.005**	**0.001**	**3.35**	**3.40**	**0.068**	**8.9**	**9.00**
STD DEV (GEOM *)						**0.004**	**0.000<A**	**0.10**	**0.14**	**0.026**	**0.3**	**0.35**
# SAMPLES (IN STATISTICS)					1	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
81 07 17 1140	.3	1		12.355	0.050	12.405	1 <T	322	470	165.0	5	6.62	
81 10 28 1038	.3	1		12.998	0.100	13.098	0.5	348	500	167.0	4	6.61	5.76
MAXIMUM				**12.998**	**0.100**	**13.098**	**1**	**348**	**500**	**167.0**	**5**	**6.62**	**5.76**
ARITH MEAN				**12.676**	**0.075**	**12.751**	**0 <A**	**335**	**485**	**166.0**	**4**	**6.61**	**5.76**
GEOM MEAN				**12.672**	**0.071**	**12.747**	**0 <A**	**335**	**485**	**166.0**	**4**	**6.61**	
MINIMUM				**12.355**	**0.050**	**12.405**	**0.5**	**322**	**470**	**165.0**	**4**	**6.61**	**5.76**
STD DEV (GEOM *)				**0.455**	**0.035**	**0.490**	**0 <A**	**18**	**21**	**1.4**	**1**	**0.01**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

(CONTD)

B.O.W./ SITE: **QUIRKE LAKE**
SAMPLE POINT: **SOUTH EAST CORNER 25 6**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-033-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0382500.0 5147450.0 4** REGION: **05** DISTANCE: **83.040**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1140	.3	1	1	0.03	0.001<	0.059	0.003	0.003<	0.012	0.260	0.0030	3	26
81 10 28 1038	.3	1	1	0.01	0.001<	0.120	0.005	0.005	0.015	0.310	0.0070	2	28
MAXIMUM				**0.03**		**0.120**	**0.005**	**0.005**	**0.015**	**0.310**	**0.0070**	**3**	**28**
ARITH MEAN				**0.02**		**0.089**	**0.004**	**0.005**	**0.013**	**0.285**	**0.0050**	**2**	**27**
GEOM MEAN				**0.02**		**0.084**	**0.004**		**0.013**	**0.284**	**0.0046**	**2**	**27**
MINIMUM				**0.01**		**0.059**	**0.003**	**0.005**	**0.012**	**0.260**	**0.0030**	**2**	**26**
STD DEV (GEOM *)				**0.01**		**0.043**	**0.001**		**0.002**	**0.035**	**0.0028**	**1**	**1**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1140	.3	1	1	1	17	2	9
81 10 28 1038	.3	1	1	2	17	2	13
MAXIMUM				**2**	**17**	**2**	**13**
ARITH MEAN				**1**	**17**	**2**	**11**
GEOM MEAN				**1**	**17**	**2**	**11**
MINIMUM				**1**	**17**	**2**	**9**
STD DEV (GEOM *)				**1**	**0**	**0**	**3**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**

B.O.W./ SITE: **QUIRKE LAKE**
SAMPLE POINT: **EAST OF DENISON MINE 25 2**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-034-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377800.0 5149100.0 4** REGION: **05** DISTANCE: **85.776**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1155	.3	1	1	22247	8		0.030	0.023	3.35	3.65	0.100	8.9	9.00
81 10 28 1048	.3	1	1	22283		8.0	0.004	0.001<T	3.500	3.65	0.070	9.430	9.500
MAXIMUM						**8.0**	**0.030**	**0.023**	**3.500**	**3.65**	**0.100**	**9.430**	**9.500**
ARITH MEAN						**8.0**	**0.017**	**0.012<A**	**3.42**	**3.65**	**0.085**	**9.1**	**9.25**
GEOM MEAN							**0.011**	**0.005<A**	**3.42**	**3.65**	**0.084**	**9.1**	**9.24**
MINIMUM						**8.0**	**0.004**	**0.001**	**3.35**	**3.65**	**0.070**	**8.9**	**9.00**
STD DEV (GEOM *)							**0.018**	**0.016<A**	**0.10**	**0.00**	**0.021**	**0.3**	**0.35**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1155	.3	1	1	12.350	0.300	12.650	1 <T	325	480	185	4	6.58	
81 10 28 1048	.3	1	1	13.000	0.150	13.150	0.5	343	500		3	6.23	5.83
MAXIMUM				**13.000**	**0.300**	**13.150**	**1**	**343**	**500**	**185**	**4**	**6.58**	**5.83**
ARITH MEAN				**12.675**	**0.225**	**12.900**	**0 <A**	**334**	**490**	**185**	**3**	**6.40**	**5.83**
GEOM MEAN				**12.671**	**0.212**	**12.898**	**0 <A**	**334**	**490**		**3**	**6.40**	
MINIMUM				**12.350**	**0.150**	**12.650**	**0.5**	**325**	**480**	**185**	**3**	**6.23**	**5.83**
STD DEV (GEOM *)				**0.460**	**0.106**	**0.354**	**0 <A**	**13**	**14**		**1**	**0.25**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**1**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1155	.3	1	1	0.02	0.001<	0.066	0.003	0.003<	0.011	0.276	0.0040	3	28
81 10 28 1048	.3	1	1	0.02	0.001<	0.150	0.009	0.006	0.018	0.320	0.0070	3	32
MAXIMUM				**0.02**		**0.150**	**0.009**	**0.006**	**0.018**	**0.320**	**0.0070**	**3**	**32**
ARITH MEAN				**0.02**		**0.108**	**0.006**	**0.006**	**0.014**	**0.298**	**0.0055**	**3**	**30**
GEOM MEAN				**0.02**		**0.099**	**0.005**		**0.014**	**0.297**	**0.0053**	**3**	**30**
MINIMUM				**0.02**		**0.066**	**0.003**	**0.006**	**0.011**	**0.276**	**0.0040**	**3**	**28**
STD DEV (GEOM *)				**0.00**		**0.059**	**0.004**		**0.005**	**0.031**	**0.0021**	**0**	**3**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1155	.3	1	1	1	20	1	10
81 10 28 1048	.3	1	1	1<	16	1	15
MAXIMUM				**1**	**20**	**1**	**15**
ARITH MEAN				**1**	**18**	**1**	**12**
GEOM MEAN					**18**	**1**	**12**
MINIMUM				**1**	**16**	**1**	**10**
STD DEV (GEOM *)					**3**	**0**	**4**
# SAMPLES (IN STATISTICS)				**1**	**2**	**2**	**2**

B.O.W./ SITE: **WHISKEY LAKE**
SAMPLE POINT: **SOUTH END NEAR RUM POINT 29 4**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-035-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0396300.0 5140000.0 4** REGION: **05** DISTANCE: **59.383**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1110	.3	1	1	22243	8		0.027	0.009	1.810	2.00	0.056	6.19	6.25
81 10 28 1238	.3	1	1	22284		6.0	0.005	0.001<T	1.560	1.76	0.031	6.220	6.250
	MAXIMUM					**6.0**	**0.027**	**0.009**	**1.810**	**2.00**	**0.056**	**6.220**	**6.25**
	ARITH MEAN					**6.0**	**0.016**	**0.005<A**	**1.685**	**1.88**	**0.043**	**6.20**	**6.25**
	GEOM MEAN						**0.012**	**0.003<A**	**1.680**	**1.88**	**0.042**	**6.20**	**6.25**
	MINIMUM					**6.0**	**0.005**	**0.001**	**1.560**	**1.76**	**0.031**	**6.19**	**6.25**
	STD DEV (GEOM *)						**0.016**	**0.006<A**	**0.177**	**0.17**	**0.018**	**0.02**	**0.00**
	# SAMPLES (IN STATISTICS)					**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1110	.3	1	1	8.056	0.190	8.246	1 <T	215	330	119	3	6.48	
81 10 28 1238	.3	1	1	7.811	0.200	8.011	0.3	205	315	110.0	3	5.86	5.33
	MAXIMUM			**8.056**	**0.200**	**8.246**	**1**	**215**	**330**	**119**	**3**	**6.48**	**5.33**
	ARITH MEAN			**7.933**	**0.195**	**8.128**	**0 <A**	**210**	**322**	**114**	**3**	**6.17**	**5.33**
	GEOM MEAN			**7.933**	**0.195**	**8.128**	**0 <A**	**210**	**322**	**114**	**3**	**6.16**	
	MINIMUM			**7.811**	**0.190**	**8.011**	**0.3**	**205**	**315**	**110.0**	**3**	**5.86**	**5.33**
	STD DEV (GEOM *)			**0.173**	**0.007**	**0.166**	**0 <A**	**7**	**11**	**6**	**0**	**0.44**	
	# SAMPLES (IN STATISTICS)			**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1110	.3	1	1	0.02	0.001<	0.120	0.003	0.003<	0.011	0.284	0.0030	4	18
81 10 28 1238	.3	1	1	0.02	0.001<	0.180	0.007	0.006	0.017	0.310	0.0070	3	25
	MAXIMUM			**0.02**		**0.180**	**0.007**	**0.006**	**0.017**	**0.310**	**0.0070**	**4**	**25**
	ARITH MEAN			**0.02**		**0.150**	**0.005**	**0.006**	**0.014**	**0.297**	**0.0050**	**3**	**21**
	GEOM MEAN			**0.02**		**0.147**	**0.005**		**0.014**	**0.297**	**0.0046**	**3**	**21**
	MINIMUM			**0.02**		**0.120**	**0.003**	**0.006**	**0.011**	**0.284**	**0.0030**	**3**	**18**
	STD DEV (GEOM *)			**0.00**		**0.042**	**0.003**		**0.004**	**0.018**	**0.0028**	**1**	**5**
	# SAMPLES (IN STATISTICS)			**2**		**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1110	.3	1	1	2	15	1	4
81 10 28 1238	.3	1	1	1	16	1	9
	MAXIMUM			**2**	**16**	**1**	**9**
	ARITH MEAN			**1**	**15**	**1**	**6**
	GEOM MEAN			**1**	**15**	**1**	**6**
	MINIMUM			**1**	**15**	**1**	**4**
	STD DEV (GEOM *)			**1**	**1**	**0**	**4**
	# SAMPLES (IN STATISTICS)			**2**	**2**	**2**	**2**

B.O.W./ SITE: **MCCABE LAKE**
SAMPLE POINT: **CENTRE OF LAKE 35 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-036-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0379825.0 5142000.0 4** REGION: **05** DISTANCE: **69.522**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 07 17 1225	.3	1	1	22249		0.008	0.002	0.036	0.21	0.002	0.190	0.190	0.228
81 10 28 1215	.3	1	1	22285	6.0	0.004	0.001	0.052	0.22	0.002	0.170	0.170	0.224
	MAXIMUM				**6.0**	**0.008**	**0.002**	**0.052**	**0.22**	**0.002**	**0.190**	**0.190**	**0.228**
	ARITH MEAN				**6.0**	**0.006**	**0.001**	**0.044**	**0.21**	**0.002**	**0.180**	**0.180**	**0.226**
	GEOM MEAN					**0.006**	**0.001**	**0.043**	**0.21**	**0.002**	**0.180**	**0.180**	**0.226**
	MINIMUM				**6.0**	**0.004**	**0.001**	**0.036**	**0.21**	**0.002**	**0.170**	**0.170**	**0.224**
	STD DEV (GEOM *)					**0.003**	**0.001**	**0.011**	**0.01**	**0.000**	**0.014**	**0.014**	**0.003**
	# SAMPLES (IN STATISTICS)				**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE
81 07 17 1225	.3	1	1	0.174	0.402	1 <T	185	285	49.5	15	7.46		0.02
81 10 28 1215	.3	1	1	0.168	0.392	0.2	182	280	78.0	15	7.29	7.19	0.04
	MAXIMUM			**0.174**	**0.402**	**1**	**185**	**285**	**78.0**	**15**	**7.46**	**7.19**	**0.04**
	ARITH MEAN			**0.171**	**0.397**	**0 <A**	**183**	**282**	**63.7**	**15**	**7.37**	**7.19**	**0.03**
	GEOM MEAN			**0.171**	**0.397**	**0 <A**	**183**	**282**	**62.1**	**15**	**7.37**		**0.03**
	MINIMUM			**0.168**	**0.392**	**0.2**	**182**	**280**	**49.5**	**15**	**7.29**	**7.19**	**0.02**
	STD DEV (GEOM *)			**0.004**	**0.007**	**0 <A**	**2**	**4**	**20.2**	**0**	**0.12**		**0.01**
	# SAMPLES (IN STATISTICS)			**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**	**2**

(CONTD)

B.O.W./ SITE: **MCCABE LAKE**
SAMPLE POINT: **CENTRE OF LAKE 35 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-036-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0379825.0 5142000.0 4** REGION: **05** DISTANCE: **69.522**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L
81 07 17 1225	.3	1	1	0.001<	0.010	0.002	0.003<	0.001<	0.016	0.0020<	6	17	1
81 10 28 1215	.3	1	1	0.001<	0.047	0.005	0.005	0.003	0.024	0.0020	6	19	1<
MAXIMUM					**0.047**	**0.005**	**0.005**	**0.003**	**0.024**	**0.0020**	**6**	**19**	**1**
ARITH MEAN					**0.028**	**0.003**	**0.005**	**0.003**	**0.020**	**0.0020**	**6**	**18**	**1**
GEOM MEAN					**0.022**	**0.003**			**0.020**		**6**	**18**	
MINIMUM					**0.010**	**0.002**	**0.005**	**0.003**	**0.016**	**0.0020**	**6**	**17**	**1**
STD DEV (GEOM *)					**0.026**	**0.002**			**0.006**		**0**	**1**	
# SAMPLES (IN STATISTICS)					**2**	**2**	**1**	**1**	**2**	**1**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1225	.3	1	1	9	1<	3
81 10 28 1215	.3	1	1	14	1<	3<
MAXIMUM				**14**		**3**
ARITH MEAN				**11**		**3**
GEOM MEAN				**11**		
MINIMUM				**9**		**3**
STD DEV (GEOM *)				**4**		
# SAMPLES (IN STATISTICS)				**2**		**1**

B.O.W./ SITE: **CAMP LAKE**
SAMPLE POINT: **AT SOUTH END 55 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-037-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0388850.0 5120950.0 4** REGION: **05** DISTANCE: **16.737**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1040	.3	1	1	22240	8		0.007	0.001<T	0.320	0.52	0.010	1.790	1.800
81 10 28 1300	.3	1	1	22286		6.0	0.004	0.001	0.356	0.56	0.008	3.040	3.050
MAXIMUM						**6.0**	**0.007**	**0.001**	**0.356**	**0.56**	**0.010**	**3.040**	**3.050**
ARITH MEAN						**6.0**	**0.005**	**0.001<A**	**0.338**	**0.54**	**0.009**	**2.415**	**2.425**
GEOM MEAN							**0.005**	**0.001<A**	**0.338**	**0.54**	**0.009**	**2.333**	**2.343**
MINIMUM						**6.0**	**0.004**	**0.001**	**0.320**	**0.52**	**0.008**	**1.790**	**1.800**
STD DEV (GEOM *)							**0.002**	**0.000<A**	**0.025**	**0.03**	**0.001**	**0.884**	**0.884**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1040	.3	1	1	2.120	0.200	2.320	1 <T	163	250	83	11	7.40	
81 10 28 1300	.3	1	1	3.404	0.204	3.608	0.7	137	210	68.0	4	6.36	6.27
MAXIMUM				**3.404**	**0.204**	**3.608**	**1**	**163**	**250**	**83**	**11**	**7.40**	**6.27**
ARITH MEAN				**2.762**	**0.202**	**2.964**	**0 <A**	**150**	**230**	**75**	**7**	**6.88**	**6.27**
GEOM MEAN				**2.686**	**0.202**	**2.893**	**0 <A**	**149**	**229**	**75**	**7**	**6.86**	
MINIMUM				**2.120**	**0.200**	**2.320**	**0.7**	**137**	**210**	**68.0**	**4**	**6.36**	**6.27**
STD DEV (GEOM *)				**0.908**	**0.003**	**0.911**	**0 <A**	**18**	**28**	**10**	**5**	**0.74**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1040	.3	1	1	0.02	0.001<	0.028	0.002	0.003<	0.006	0.096	0.0020<	2	12
81 10 28 1300	.3	1	1	0.05	0.001<	0.064	0.005	0.005	0.009	0.082	0.0040	3	10
MAXIMUM				**0.05**		**0.064**	**0.005**	**0.005**	**0.009**	**0.096**	**0.0040**	**3**	**12**
ARITH MEAN				**0.03**		**0.046**	**0.003**	**0.005**	**0.007**	**0.089**	**0.0040**	**2**	**11**
GEOM MEAN				**0.03**		**0.042**	**0.003**		**0.007**	**0.089**		**2**	**11**
MINIMUM				**0.02**		**0.028**	**0.002**	**0.005**	**0.006**	**0.082**	**0.0040**	**2**	**10**
STD DEV (GEOM *)				**0.02**		**0.025**	**0.002**		**0.002**	**0.010**		**1**	**1**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**1**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1040	.3	1	1	1	8	1	4
81 10 28 1300	.3	1	1	1	10	1<	3<
MAXIMUM				**1**	**10**	**1**	**4**
ARITH MEAN				**1**	**9**	**1**	**4**
GEOM MEAN				**1**	**9**		
MINIMUM				**1**	**8**	**1**	**4**
STD DEV (GEOM *)				**0**	**1**		
# SAMPLES (IN STATISTICS)				**2**	**2**	**1**	**1**

B.O.W./ SITE: **SERPENT HARBOUR**
SAMPLE POINT: **NEAR HOSPITAL POINT 08 2**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-038-01**
STORET CODE: **02 002 8040**

LAT: LONG: U.T.M: **17 0370700.0 5117275.0 4** REGION: **05**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1015	.3	1	1	22239	8		0.010	0.001	0.080	0.28	0.004	0.690	0.695
81 10 28 0924	.3	1	1	22287		5.0	0.007	0.002	0.004	0.22	0.035	0.410	0.445
MAXIMUM						**5.0**	**0.010**	**0.002**	**0.080**	**0.28**	**0.035**	**0.690**	**0.695**
ARITH MEAN						**5.0**	**0.008**	**0.001**	**0.042**	**0.25**	**0.019**	**0.550**	**0.570**
GEOM MEAN							**0.008**	**0.001**	**0.018**	**0.25**	**0.012**	**0.532**	**0.556**
MINIMUM						**5.0**	**0.007**	**0.001**	**0.004**	**0.22**	**0.004**	**0.410**	**0.445**
STD DEV (GEOM *)							**0.002**	**0.001**	**0.054**	**0.04**	**0.022**	**0.198**	**0.177**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1015	.3	1	1	0.774	0.200	0.974	1 <T	104	160	25.5	44	8.00	
81 10 28 0924	.3	1	1	0.449	0.216	0.665	1.8	104	160	19.5	52	7.78	7.88
MAXIMUM				**0.774**	**0.216**	**0.974**	**1.8**	**104**	**160**	**25.5**	**52**	**8.00**	**7.88**
ARITH MEAN				**0.611**	**0.208**	**0.819**	**1 <A**	**104**	**160**	**22.5**	**48**	**7.89**	**7.88**
GEOM MEAN				**0.590**	**0.208**	**0.805**	**1 <A**	**104**	**160**	**22.3**	**48**	**7.89**	
MINIMUM				**0.449**	**0.200**	**0.665**	**1**	**104**	**160**	**19.5**	**44**	**7.78**	**7.88**
STD DEV (GEOM *)				**0.230**	**0.011**	**0.218**	**0 <A**	**0**	**0**	**4.2**	**6**	**0.16**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1015	.3	1	1	0.04	0.001<	0.033	0.002	0.003<	0.002	0.038	0.0040	1<	5
81 10 28 0924	.3	1	1	0.08	0.001<	0.077	0.003	0.003	0.006	0.012	0.0050	1<	1
MAXIMUM				**0.08**		**0.077**	**0.003**	**0.003**	**0.006**	**0.038**	**0.0050**		**5**
ARITH MEAN				**0.06**		**0.055**	**0.002**	**0.003**	**0.004**	**0.025**	**0.0045**		**3**
GEOM MEAN				**0.06**		**0.050**	**0.002**		**0.003**	**0.021**	**0.0045**		**2**
MINIMUM				**0.04**		**0.033**	**0.002**	**0.003**	**0.002**	**0.012**	**0.0040**		**1**
STD DEV (GEOM *)				**0.03**		**0.031**	**0.001**		**0.003**	**0.018**	**0.0007**		**3**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**2**		**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1015	.3	1	1	1	2	1<	3
81 10 28 0924	.3	1	1	1<	2	1<	3<
MAXIMUM				**1**	**2**		**3**
ARITH MEAN				**1**	**2**		**3**
GEOM MEAN					**2**		
MINIMUM				**1**	**2**		**3**
STD DEV (GEOM *)					**0**		
# SAMPLES (IN STATISTICS)				**1**	**2**		**1**

B.O.W./ SITE: **MCCARTHY LAKE**
SAMPLE POINT: **AT WEST END 53 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-039-01**
STORET CODE: **02 002 8040**

LAT: LONG: U.T.M: **17 0385700.0 5131475.0 4** REGION: **05** DISTANCE: **40.876**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1050	.3	1	1	22242	8		0.009	0.001<T	0.290	0.58	0.008	1.240	1.250
81 10 28	.3	1	1	22288		7.0	0.022	0.001	0.004	0.32	0.001<T	1.300	1.300
MAXIMUM						**7.0**	**0.022**	**0.001**	**0.290**	**0.58**	**0.008**	**1.300**	**1.300**
ARITH MEAN						**7.0**	**0.015**	**0.001<A**	**0.147**	**0.45**	**0.004<A**	**1.270**	**1.275**
GEOM MEAN							**0.014**	**0.001<A**	**0.034**	**0.43**	**0.003<A**	**1.270**	**1.275**
MINIMUM						**7.0**	**0.009**	**0.001**	**0.004**	**0.32**	**0.001**	**1.240**	**1.250**
STD DEV (GEOM *)							**0.009**	**0.000<A**	**0.202**	**0.18**	**0.005<A**	**0.042**	**0.035**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1050	.3	1	1	1.538	0.290	1.828	1 <T	130	200	46.5	8	7.03	
81 10 28	.3	1	1	1.305	0.316	1.621	1.6	114	175	51.0	9	6.44	6.83
MAXIMUM				**1.538**	**0.316**	**1.828**	**1.6**	**130**	**200**	**51.0**	**9**	**7.03**	**6.83**
ARITH MEAN				**1.421**	**0.303**	**1.724**	**1 <A**	**122**	**187**	**48.7**	**8**	**6.73**	**6.83**
GEOM MEAN				**1.417**	**0.303**	**1.721**	**1 <A**	**122**	**187**	**48.7**	**8**	**6.73**	
MINIMUM				**1.305**	**0.290**	**1.621**	**1**	**114**	**175**	**46.5**	**8**	**6.44**	**6.83**
STD DEV (GEOM *)				**0.165**	**0.018**	**0.146**	**0 <A**	**11**	**18**	**3.2**	**1**	**0.42**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

(CONTD)

B.O.W./ SITE: **MCCARTHY LAKE**
SAMPLE POINT: **AT WEST END 53 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-039-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0385700.0 5131475.0 4** REGION: **05** DISTANCE: **40.876**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
	TEST-NAME:			FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT	RA226F	GACF
81 07 17 1050	.3	1		0.04	0.001<	0.010	0.002	0.003<	0.002	0.084	0.0020<	1	7
81 10 28	.3	1		0.11	0.001<	0.070	0.004	0.004	0.007	0.128	0.0040	1	2
MAXIMUM				**0.11**		**0.070**	**0.004**	**0.004**	**0.007**	**0.128**	**0.0040**	1	7
ARITH MEAN				**0.07**		**0.040**	**0.003**	**0.004**	**0.004**	**0.106**	**0.0040**	1	4
GEOM MEAN				**0.07**		**0.026**	**0.003**		**0.004**	**0.104**		1	4
MINIMUM				**0.04**		**0.010**	**0.002**	**0.004**	**0.002**	**0.084**	**0.0040**	1	2
STD DEV (GEOM *)				**0.05**		**0.042**	**0.001**		**0.004**	**0.031**		0	4
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**1**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
	TEST-NAME:			GACP	GBCF	GBCP	UU238
81 07 17 1050	.3	1		1	5	1	3
81 10 28	.3	1		1	5	1<	3<
MAXIMUM				1	5	1	3
ARITH MEAN				1	5	1	3
GEOM MEAN				1	5		
MINIMUM				1	5	1	3
STD DEV (GEOM *)				0	0		
# SAMPLES (IN STATISTICS)				2	2	1	1

B.O.W./ SITE: **MCCARTHY LAKE**
SAMPLE POINT: **AT SOUTH END 53 3**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-040-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0388450.0 5129100.0 4** REGION: **05** DISTANCE: **36.692**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
	TEST-NAME:			SAMPLE	FWSTRC	FWTEMP	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR
81 07 17 1040	.3	1		22241	8		0.013	0.001<T	0.680	0.92	0.018	3.380	3.400
81 10 28 1118	.3	1		22289		7.0	0.006	0.001	0.450	0.65	0.010	3.240	3.250
MAXIMUM						**7.0**	**0.013**	**0.001**	**0.680**	**0.92**	**0.018**	**3.380**	**3.400**
ARITH MEAN						**7.0**	**0.009**	**0.001<A**	**0.565**	**0.78**	**0.014**	**3.310**	**3.325**
GEOM MEAN							**0.009**	**0.001<A**	**0.553**	**0.77**	**0.013**	**3.309**	**3.324**
MINIMUM						**7.0**	**0.006**	**0.001**	**0.450**	**0.65**	**0.010**	**3.240**	**3.250**
STD DEV (GEOM *)							**0.005**	**0.000<A**	**0.163**	**0.19**	**0.006**	**0.099**	**0.106**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
	TEST-NAME:			NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	SSO4UR	ALKT	PH	FWPH
81 07 17 1040	.3	1		4.078	0.240	4.318	1 <T	150	230	49.0	5	6.88	
81 10 28 1118	.3	1		3.700	0.200	3.900	1.4	143	220	69.0	6	6.31	6.13
MAXIMUM				**4.078**	**0.240**	**4.318**	**1.4**	**150**	**230**	**69.0**	**6**	**6.88**	**6.13**
ARITH MEAN				**3.889**	**0.220**	**4.109**	**1 <A**	**146**	**225**	**59.0**	**5**	**6.59**	**6.13**
GEOM MEAN				**3.884**	**0.219**	**4.104**	**1 <A**	**146**	**225**	**58.1**	**5**	**6.59**	
MINIMUM				**3.700**	**0.200**	**3.900**	**1**	**143**	**220**	**49.0**	**5**	**6.31**	**6.13**
STD DEV (GEOM *)				**0.267**	**0.028**	**0.296**	**0 <A**	**5**	**7**	**14.1**	**1**	**0.40**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
	TEST-NAME:			FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT	RA226F	GACF
81 07 17 1040	.3	1		0.04	0.001<	0.055	0.003	0.003<	0.008	0.188	0.0020<	2	13
81 10 28 1118	.3	1		0.02	0.001<	0.082	0.005	0.005	0.014	0.182	0.0060	3	17
MAXIMUM				**0.04**		**0.082**	**0.005**	**0.005**	**0.014**	**0.188**	**0.0060**	3	17
ARITH MEAN				**0.03**		**0.068**	**0.004**	**0.005**	**0.011**	**0.185**	**0.0060**	2	15
GEOM MEAN				**0.03**		**0.067**	**0.004**		**0.011**	**0.185**		2	15
MINIMUM				**0.02**		**0.055**	**0.003**	**0.005**	**0.008**	**0.182**	**0.0060**	2	13
STD DEV (GEOM *)				**0.01**		**0.019**	**0.001**		**0.004**	**0.004**		1	3
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**1**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
	TEST-NAME:			GACP	GBCF	GBCP	UU238
81 07 17 1040	.3	1		2	8	2	5
81 10 28 1118	.3	1		1<	9	1<	4
MAXIMUM				2	9	2	5
ARITH MEAN				2	8	2	4
GEOM MEAN					8		4
MINIMUM				2	8	2	4
STD DEV (GEOM *)					1		1
# SAMPLES (IN STATISTICS)				1	2	1	2

B.O.W./ SITE: **HOUGH LAKE**
SAMPLE POINT: **CENTRE OF LAKE**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-041-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0385300.0 5140350.0 4** REGION: **05** DISTANCE: **56.808**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 07 17 1300		.3	1	22252	8		0.005	0.004	0.316	0.40	0.002	0.215	0.215
81 10 28 1130		.3	1	22290		10.0	0.003	0.001	0.232	0.30	0.002	0.245	0.245
MAXIMUM						**10.0**	**0.005**	**0.004**	**0.316**	**0.40**	**0.002**	**0.245**	**0.245**
ARITH MEAN						**10.0**	**0.004**	**0.002**	**0.274**	**0.35**	**0.002**	**0.230**	**0.230**
GEOM MEAN							**0.004**	**0.002**	0.271	**0.35**	**0.002**	**0.230**	**0.230**
MINIMUM						**10.0**	**0.003**	**0.001**	**0.232**	**0.30**	**0.002**	**0.215**	**0.215**
STD DEV (GEOM *)							**0.001**	**0.002**	**0.059**	**0.07**	**0.000**	**0.021**	**0.021**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*	*FWPH*
81 07 17 1300		.3	1	0.533	0.084	0.617	1 <T	163	250	49.5	4	6.72	
81 10 28 1130		.3	1	0.479	0.068	0.547	0.3	143	220	77.0	4	6.33	5.97
MAXIMUM				**0.533**	**0.084**	**0.617**	**1**	**163**	**250**	**77.0**	**4**	**6.72**	**5.97**
ARITH MEAN				**0.506**	**0.076**	**0.582**	**0 <A**	**153**	**235**	**63.2**	**4**	**6.52**	**5.97**
GEOM MEAN				**0.505**	**0.076**	**0.581**	**0 <A**	**153**	**235**	**61.7**	**4**	**6.52**	
MINIMUM				**0.479**	**0.068**	**0.547**	**0.3**	**143**	**220**	**49.5**	**4**	**6.33**	**5.97**
STD DEV (GEOM *)				**0.038**	**0.011**	**0.049**	**0 <A**	**14**	**21**	**19.4**	**0**	**0.28**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
TEST-NAME:				*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*	*RA226F*	*GACF*
81 07 17 1300		.3	1	0.04	0.001<	0.037	0.002	0.003<	0.019	0.200	0.0060	5	18
81 10 28 1130		.3	1	0.03	0.001<	0.100	0.006	0.007	0.027	0.196	0.0080	5	14
MAXIMUM				**0.04**		**0.100**	**0.006**	**0.007**	**0.027**	**0.200**	**0.0080**	**5**	**18**
ARITH MEAN				**0.03**		**0.068**	**0.004**	**0.007**	**0.023**	**0.198**	**0.0070**	**5**	**16**
GEOM MEAN				**0.03**		**0.061**	**0.003**		**0.023**	**0.198**	**0.0069**	**5**	**16**
MINIMUM				**0.03**		**0.037**	**0.002**	**0.007**	**0.019**	**0.196**	**0.0060**	**5**	**14**
STD DEV (GEOM *)				**0.01**		**0.046**	**0.003**		**0.006**	**0.003**	**0.0014**	**0**	**3**
# SAMPLES (IN STATISTICS)				**2**		**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*GACP*	*GBCF*	*GBCP*	*UU238*
81 07 17 1300		.3	1	3	11	1	4
81 10 28 1130		.3	1	2	13	1<	3<
MAXIMUM				**3**	**13**	**1**	**4**
ARITH MEAN				**2**	**12**	**1**	**4**
GEOM MEAN				**2**	**12**		
MINIMUM				**2**	**11**	**1**	**4**
STD DEV (GEOM *)				**1**	**1**		
# SAMPLES (IN STATISTICS)				**2**	**2**	**1**	**1**

B.O.W./ SITE: **NORTH NORDIC LAKE**
SAMPLE POINT: **AT EFFLUENT CANAL N 19**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-043-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377700.0 5137100.0 4** REGION: **05** DISTANCE: **72.097**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 26 1730		.3	1	21606	8	0.020	0.001	8.600	10.600	0.200	5.050		13.850
81 02 26 1730		.3	1	21629	8	0.060	0.001<	8.700	10.800	0.180	0.522		9.402
81 05 28		.3	1	21676		0.004			8.60				
81 06 27		.3	1	21702		0.004	0.005	4.500	4.50	4.450	4.050	8.50	13.000
81 07 28		.3	1	21728		0.004	0.001<T	6.550	7.20	0.445	6.550	7.000	13.545
81 08 28		.3	1	21753		0.018	0.001	6.900	6.90	0.300	6.700	7.000	13.900
81 09 28		.3	1	21779		0.098	0.045	4.100	4.80	6.600	3.650	10.250	14.350
81 10 28		.3	1	21805		0.024	0.001	9.700	9.70	0.470	6.780	7.250	16.950
81 11 28		.3	1	21831		0.118	0.067	28.250	29.50	1.820	70.680	72.500	100.750
81 12 28		.3	1	21864		0.004	0.001<T	9.500	1.50	0.500	7.550	8.050	17.550
MAXIMUM						**0.118**	**0.067**	**28.250**	**29.50**	**6.600**	**70.680**	**72.500**	**100.750**
ARITH MEAN						**0.035**	**0.015<A**	**9.644**	**9.41**	**1.663**	**12.392**	**17.22**	**23.700**
GEOM MEAN						**0.017**	**0.003<A**	**8.171**	**7.33**	**0.732**	**5.683**	**10.88**	**17.276**
MINIMUM						**0.004**	**0.001**	**4.100**	**1.50**	**0.180**	**0.522**	**7.000**	**9.402**
STD DEV (GEOM *)						**0.042**	**0.026<A**	**7.267**	**7.65**	**2.308**	**21.965**	**24.40**	**28.988**
# SAMPLES (IN STATISTICS)						**10**	**8**	**9**	**10**	**9**	**9**	**7**	**9**

(CONTD)

B.O.W./ SITE: **NORTH NORDIC LAKE**
SAMPLE POINT: **AT EFFLUENT CANAL N 19**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-043-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0377700.0 5137100.0 4** REGION: **05** DISTANCE: **72.097**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*
81 01 26 1730		.3	1	2.000	15.850	1456.0	23.0	1433.0	1650.0	38.00	18.500	848.000	
81 02 26 1730		.3	1	2.100	11.502	1455.0	24.0	1431.0	1700.0	39.00	18.500	855.000	
81 05 28		.3	1				1 <W	1891	2000			1183.0	28
81 06 27		.3	1	0.000	13.000		1.7	1846	2000			1243	5
81 07 28		.3	1	0.650	14.195		0.9	2012	2050			1083.0	33
81 08 28		.3	1	0.000	13.900		2.1	1733	2100			580.0	31
81 09 28		.3	1	0.700	15.050		2.1	1813	2100			1174.0	5
81 10 28		.3	1	0.000	16.950		0.9	1716	2050			1343.0	31
81 11 28		.3	1	1.250	102.000		1.7	2124	2600			992.0	75
81 12 28		.3	1	8.000	9.550		0.9	2015	2150			1226.0	36
MAXIMUM				**8.000**	**102.000**	**1456.0**	**24.0**	**2124**	**2600**	**39.00**	**18.500**	**1343.0**	**75**
ARITH MEAN				**2.450**	**23.555**	**1455.5**	**5 <A**	**1801**	**2040**	**38.50**	**18.500**	**1052**	**30**
GEOM MEAN				**1.635**	**16.962**	**1455.5**	**2 <A**	**1787**	**2025**	**38.50**	**18.500**	**1025**	**22**
MINIMUM				**0.650**	**9.550**	**1455.0**	**0.9**	**1431.0**	**1650.0**	**38.00**	**18.500**	**580.0**	**5**
STD DEV (GEOM *)				**2.788**	**29.501**	**0.7**	**9 <A**	**233**	**259**	**0.71**	**0.000**	**233**	**22**
# SAMPLES (IN STATISTICS)				**6**	**9**	**2**	**10**	**10**	**10**	**2**	**2**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 01 26 1730		.3	1	5.71	12.000			0.013	0.003<	0.001	0.028		
81 02 26 1730		.3	1	5.77	11.000			0.013	0.003<	0.0007	0.023		
81 05 28		.3	1	8.06	0.22	0.001<	0.170	0.006	0.003<		0.003	0.160	0.0020
81 06 27		.3	1	5.12	0.22	0.001<	0.380	0.006	0.008		0.005	0.226	0.0060
81 07 28		.3	1	8.32	0.05	0.001<	0.250	0.011	0.003<		0.004	0.084	0.0050
81 08 28		.3	1	7.82	0.45	0.001<	0.240	0.013	0.003<		0.002	0.166	0.0040
81 09 28		.3	1	7.71	0.36	0.001<	0.370	0.017	0.003<		0.003	0.390	0.0080
81 10 28		.3	1	8.30	0.29	0.001<	0.051	0.005	0.003<		0.004	0.476	0.002 <
81 11 28		.3	1	8.68	0.03	0.003						0.042	
81 12 28		.3	1	8.77	0.06	0.001<	0.280	0.020	0.003<		0.005	0.296	0.008
MAXIMUM				**8.77**	**12.000**	**0.003**	**0.380**	**0.020**	**0.008**	**0.001**	**0.028**	**0.476**	**0.008**
ARITH MEAN				**7.43**	**2.46**	**0.003**	**0.249**	**0.012**	**0.008**	**0.000**	**0.009**	**0.230**	**0.005**
GEOM MEAN				**7.30**	**0.34**		**0.214**	**0.010**		**0.000**	**0.006**	**0.181**	**0.005**
MINIMUM				**5.12**	**0.03**	**0.003**	**0.051**	**0.005**	**0.008**	**0.0007**	**0.002**	**0.042**	**0.0020**
STD DEV (GEOM *)				**1.36**	**4.76**		**0.114**	**0.005**		**0.000**	**0.010**	**0.149**	**0.002**
# SAMPLES (IN STATISTICS)				**10**	**10**	**1**	**7**	**9**	**1**	**2**	**9**	**8**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 26 1730		.3	1	0.044	1	28	28	22	18	12
81 02 26 1730		.3	1	0.047	1<	55	17	18	18	33
81 06 27		.3	1		1	38	1<	9	1	20
81 07 28		.3	1		2	37	1	22	1	24
81 08 28		.3	1		1	29	1<	8	1	18
81 09 28		.3	1		1<	45	3	15	2	29
81 10 28		.3	1		1	26	1	20	3	17
81 11 28		.3	1		1	31	3	27	3	14
81 12 28		.3	1		2	35	6	27	3	5
MAXIMUM				**0.047**	**2**	**55**	**28**	**27**	**18**	**33**
ARITH MEAN				**0.045**	**1**	**36**	**8**	**19**	**6**	**19**
GEOM MEAN				**0.045**	**1**	**35**	**4**	**17**	**3**	**17**
MINIMUM				**0.044**	**1**	**26**	**1**	**8**	**1**	**5**
STD DEV (GEOM *)				**0.002**	**0**	**9**	**10**	**7**	**7**	**9**
# SAMPLES (IN STATISTICS)				**2**	**7**	**9**	**7**	**9**	**9**	**9**

B.O.W./ SITE: **WESTNER LAKE**
SAMPLE POINT: **AT SKI CLUB ROAD N 15**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-044-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374975.0 5137700.0 4** REGION: **05** DISTANCE: **75.798**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 26 1630		.3	1	21608	8	0.040	0.001<	0.590	0.860	0.005	0.570		1.165
81 02 26 1630		.3	1	21631	8	0.020	0.001<	0.590	0.850	0.005	0.600		1.195
81 03 27 1630		.3	1	21655		0.026	0.001<	0.450	0.390	0.001	0.394		0.845
81 05 28		.3	1	21678		0.005	0.001<T	0.080	0.23	0.001		0.190	
81 07 28		.3	1	21730		0.015	0.001<T	0.094	0.32	0.003	0.132	0.135	0.229
81 08 28		.3	1	21755		0.048	0.001	0.154	0.45	0.004	0.135	0.140	0.293
81 09 28		.3	1	21781		0.139	0.061	0.104	0.39	0.037	0.170	0.205	0.311
81 10 28		.3	1	21807		0.112	0.001	0.510	0.75	0.002	0.215	0.215	0.727
81 11 28		.3	1	21833		0.002	0.006	0.038	0.16	0.001	0.080	0.080	0.119
81 12 28		.3	1	21867		0.013	0.001	0.750	0.90	0.004	0.140	0.145	0.894
MAXIMUM						**0.139**	**0.061**	**0.750**	**0.90**	**0.037**	**0.600**	**0.215**	**1.195**
ARITH MEAN						**0.042**	**0.010<A**	**0.336**	**0.53**	**0.006**	**0.271**	**0.159**	**0.642**
GEOM MEAN						**0.022**	**0.002<A**	**0.221**	**0.45**	**0.003**	**0.215**	**0.152**	**0.498**
MINIMUM						**0.002**	**0.001**	**0.038**	**0.16**	**0.001**	**0.080**	**0.080**	**0.119**
STD DEV (GEOM *)						**0.047**	**0.022<A**	**0.267**	**0.28**	**0.011**	**0.199**	**0.048**	**0.413**
# SAMPLES (IN STATISTICS)						**10**	**7**	**10**	**10**	**10**	**9**	**7**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 26 1630		.3	1	0.270	1.435	302.0	17.0	285.0	500.0	14.00	91.000	89.000	
81 02 26 1630		.3	1	0.260	1.455	305.0	15.0	290.0	500.0	12.00	92.000	87.000	
81 03 27 1630		.3	1	0.060	0.785	274.0	9.0	265.0	455.0	8.80	86.000	66.000	
81 05 28		.3	1	0.150			2	272	450			93.0	1
81 07 28		.3	1	0.226	0.455		5.1	374	560			66.0	11
81 08 28		.3	1	0.296	0.589		5.4	319	580			50.0	18
81 09 28		.3	1	0.286	0.597		1.8	317	600			52.0	25
81 10 28		.3	1	0.240	0.967		2.6	269	450			240.0	1
81 11 28		.3	1	0.122	0.241		1.0	33	50			7.5	17
81 12 28		.3	1	0.150	1.044		6.5	306	500			165.0	0
MAXIMUM				**0.296**	**1.455**	**305.0**	**17.0**	**374**	**600**	**14.00**	**92.000**	**240.0**	**25**
ARITH MEAN				**0.206**	**0.841**	**293.7**	**6**	**273**	**464**	**11.60**	**89.667**	**91.5**	**12**
GEOM MEAN				**0.187**	**0.737**	**293.3**	**4**	**239**	**402**	**11.39**	**89.628**	**68.9**	**7**
MINIMUM				**0.060**	**0.241**	**274.0**	**1.0**	**33**	**50**	**8.80**	**86.000**	**7.5**	**1**
STD DEV (GEOM *)				**0.080**	**0.422**	17.1	5	**90**	**155**	**2.62**	**3.215**	**65.9**	**10**
# SAMPLES (IN STATISTICS)				**10**	**9**	**3**	**10**	**10**	**10**	**3**	**3**	**10**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 26 1630		.3	1	4.60				0.009	0.008	0.0007	0.082		
81 02 26 1630		.3	1	4.50				0.006	0.007	0.0004	0.066		
81 03 27 1630		.3	1	5.25				0.001<	0.003<	0.0002<	0.037		
81 05 28		.3	1	4.96	0.71	0.001<	1.500	0.002	0.003<		0.052	0.970	0.0350
81 07 28		.3	1	6.28	2.25	0.001<	0.100	0.005	0.004		0.006	0.370	0.0080
81 08 28		.3	1	6.81	1.82	0.001<	0.190	0.002	0.004		0.007	0.376	0.0060
81 09 28		.3	1	6.90	0.81	0.001<	0.074	0.002	0.003<		0.006	0.234	0.0050
81 10 28		.3	1	4.85	0.45	0.001<	2.800	0.003	0.003<		0.057	1.680	0.041
81 11 28		.3	1	8.48	0.04	0.001<	0.011	0.001	0.004		0.005	0.020	0.002
81 12 28		.3	1	3.84	1.70	0.001<	5.000	0.013	0.003<		0.066	1.450	0.067
MAXIMUM				**8.48**	**2.25**		**5.000**	**0.013**	**0.008**	**0.0007**	**0.082**	**1.680**	**0.067**
ARITH MEAN				**5.65**	**1.11**		**1.382**	**0.005**	**0.005**	**0.0005**	**0.038**	**0.729**	**0.023**
GEOM MEAN				**5.50**	**0.69**		**0.317**	**0.004**	**0.005**	**0.0005**	**0.023**	**0.396**	**0.012**
MINIMUM				**3.84**	**0.04**		**0.011**	**0.001**	**0.004**	**0.0004**	**0.005**	**0.020**	**0.002**
STD DEV (GEOM *)				**1.43**	**0.81**		**1.905**	**0.004**	**0.002**	**0.0002**	**0.030**	**0.643**	**0.024**
# SAMPLES (IN STATISTICS)				**10**	**7**		**7**	**9**	**5**	**2**	**10**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 26 1630		.3	1		3	21	4	15	3	10<
81 02 26 1630		.3	1	0.041						
81 03 27 1630		.3	1		2	9	1	8	1	10<
81 07 28		.3	1		1	5	1	3	1	3
81 08 28		.3	1		1	4	1<	5	1<	3<
81 09 28		.3	1		1	4	2	5	1	3<
81 10 28		.3	1		2	18	2	13	1	3
81 11 28		.3	1		4	59	4	26	1	12
MAXIMUM				**0.041**	**4**	**59**	**4**	**26**	**3**	**12**
ARITH MEAN				**0.041**	**2**	**17**	**2**	**11**	**1**	**6**
GEOM MEAN					**2**	**11**	**2**	**8**	**1**	**5**
MINIMUM				**0.041**	**1**	**4**	**1**	**3**	**1**	**3**
STD DEV (GEOM *)					**1**	**20**	**1**	**8**	**1**	**5**
# SAMPLES (IN STATISTICS)				**1**	**7**	**7**	**6**	**7**	**6**	**3**

B.O.W./ SITE: **WILLIAMS LAKE CREEK**
SAMPLE POINT: **AT DENISON MINE ACCESS ROAD D 3**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-045-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374500.0 5150200.0 4** REGION: **05** DISTANCE: **91.408**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L
81 05 29 1600		.3	1	21686	0.015	0.001<T	0.036	0.43	0.029	0.661	0.690	0.726	0.394
81 06 29		.3	1	21712	0.015	0.005	0.004	0.33	0.004	0.441	0.445	0.449	0.326
81 07 29		.3	1	21738	0.035	0.003	0.006	0.37	0.007	0.205	0.210	0.218	0.364
81 09 29		.3	1	21789	0.043	0.008	0.060	0.47	0.005	1.250	1.250	1.315	0.410
81 10 29		.3	1	21815	0.010	0.001<T	2.350	2.82	0.460	5.040	5.500	7.850	0.470
81 11 29		.3	1	21840	0.010	0.001<T	2.380	2.60	0.350	5.300	5.650	8.030	0.220
81 12 29		.3	1	21865	0.020	0.001<T	6.300	7.50	2.020	5.680	7.700	14.000	1.200
MAXIMUM					**0.043**	**0.008**	**6.300**	**7.50**	**2.020**	**5.680**	**7.700**	**14.000**	**1.200**
ARITH MEAN					**0.021**	**0.003<A**	**1.591**	**2.07**	**0.411**	**2.654**	**3.064**	**4.655**	**0.483**
GEOM MEAN					**0.018**	**0.002<A**	**0.151**	**1.04**	**0.054**	**1.415**	**1.526**	**1.878**	**0.422**
MINIMUM					**0.010**	**0.001**	**0.004**	**0.33**	**0.004**	**0.205**	**0.210**	**0.218**	**0.220**
STD DEV (GEOM *)					**0.013**	**0.003<A**	**2.351**	**2.63**	**0.734**	**2.539**	**3.110**	**5.368**	**0.325**
# SAMPLES (IN STATISTICS)					**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

(CONTD)

B.O.W./ SITE: **WILLIAMS LAKE CREEK**
SAMPLE POINT: **AT DENISON MINE ACCESS ROAD D 3**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-045-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0374500.0 5150200.0 4** REGION: **05** DISTANCE: **91.408**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:				*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*
81 05 29 1600		.3	1	1.120	1 <W	611	1120	142.0	79	8.94	0.25	0.001<	0.068
81 06 29		.3	1	0.775	2.8	518	920	122.0	75	8.96	0.40	0.001<	0.097
81 07 29		.3	1	0.582	14.4	62	96	14.0	17	7.31	3.10	0.001<	0.086
81 09 29		.3	1	1.725	2.9	728	1340	176.0	76	7.43	0.35	0.001<	0.045
81 10 29		.3	1	8.320	0.4	895	1490	297.0	44	10.50	0.05	0.001<	0.092
81 11 29		.3	1	8.250	2.7	2396	3400	1037.0	137	11.54	0.18	0.001<	
81 12 29		.3	1	15.200	14.6	1264	2200	486.0	127	11.42	0.09	0.001<	0.160
MAXIMUM				**8.320**	**14.6**	**2396**	**3400**	**1037.0**	**137**	**11.54**	**3.10**		**0.160**
ARITH MEAN				**3.462**	**5 <A**	**925**	**1509**	**324.9**	**79**	**9.44**	**0.63**		**0.091**
GEOM MEAN				**1.978**	**2 <A**	**628**	**1057**	**181.1**	**67**	**9.30**	**0.26**		**0.085**
MINIMUM				**0.582**	**0.4**	**62**	**96**	**14.0**	**17**	**7.31**	**0.05**		**0.045**
STD DEV (GEOM *)				**3.756**	**6 <A**	**745**	**1047**	**348.2**	**42**	**1.76**	**1.10**		**0.039**
# SAMPLES (IN STATISTICS)				**6**	**7**	**7**	**7**	**7**	**7**	**7**	**7**		**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*
81 05 29 1600		.3	1	0.002	0.003<	0.001<	0.018	0.0020<					
81 06 29		.3	1	0.004	0.005	0.004	0.034	0.0060	18	40	8	18	4
81 07 29		.3	1	0.001	0.004	0.003	0.194	0.0020	22	29	34	14	18
81 09 29		.3	1	0.007	0.003	0.006	0.024	0.0030	26	30	3	26	3
81 10 29		.3	1	0.008	0.003<	0.002	0.002	0.002 <	8	19	1<	15	1
81 11 29		.3	1				0.016		8	27	3	21	1
81 12 29		.3	1	0.025	0.003<	0.004	0.008	0.006	8	20	8	15	4
MAXIMUM				**0.025**	**0.005**	**0.006**	**0.194**	**0.006**	**26**	**40**	**34**	**26**	**18**
ARITH MEAN				**0.008**	**0.004**	**0.004**	**0.042**	**0.004**	**15**	**27**	**11**	**18**	**5**
GEOM MEAN				**0.005**	**0.004**	**0.004**	**0.018**	**0.003**	**13**	**27**	**7**	**18**	**3**
MINIMUM				**0.001**	**0.003**	**0.002**	**0.002**	**0.0020**	**8**	**19**	**3**	**14**	**1**
STD DEV (GEOM *)				**0.009**	**0.001**	**0.001**	**0.068**	**0.002**	**8**	**8**	**13**	**5**	**6**
# SAMPLES (IN STATISTICS)				**6**	**3**	**5**	**7**	**4**	**6**	**6**	**5**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	URANIUM 238 UG/L
TEST-NAME:				*UU238*
81 06 29		.3	1	13
81 07 29		.3	1	3
81 09 29		.3	1	6
81 10 29		.3	1	4
81 11 29		.3	1	3
81 12 29		.3	1	8
MAXIMUM				**13**
ARITH MEAN				**6**
GEOM MEAN				**5**
MINIMUM				**3**
STD DEV (GEOM *)				**4**
# SAMPLES (IN STATISTICS)				**6**

B.O.W./ SITE: **SERPENT RIVER**
SAMPLE POINT: **AT QUIRKE LAKE OUTLET 26 1**
STATION TYPE: **RIVER FLOW GAUGE FED 02CD003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-049-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0385725.0 5149050.0 4** REGION: **05** DISTANCE: **77.890**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 01 27 1530		.3	1	21620	8	1.020	0.015	0.001	0.108	0.260	0.002	0.598	
81 02 27 1530		.3	1	21643	8	2.690	0.006	0.001	0.102	0.190	0.002	0.593	
81 03 29 1530		.3	1	21667		4.120	0.104	0.001<	0.740	1.610	0.010	2.490	
81 05 30 1830		.3	1	21693		3.660	0.006	0.004<T	2.75	3.25	0.047	8.00	8.00
81 06 30		.3		21719		6.600	0.003	0.001<T	3.850	3.76	0.077	8.920	9.000
81 07 30		.3	1	21745		2.060	0.018	0.001<T	3.30	3.60	0.070	6.68	6.75
81 08 30		.3	1	21770		1.090	0.062	0.001	3.700	3.85	0.086	10.200	10.250
81 09 30		.3	1	21796		0.438	0.018	0.002	3.500	4.00	0.092	10.400	10.500
81 10 30		.3	1	21822		0.198	0.024	0.001<T	3.500	3.75	0.062	9.680	9.750
MAXIMUM						**6.600**	**0.104**	**0.004**	**3.850**	**4.00**	**0.092**	**10.400**	**10.500**
ARITH MEAN						**2.431**	**0.028**	**0.001<A**	**2.39**	**2.69**	**0.050**	**6.39**	**9.04**
GEOM MEAN						**1.555**	**0.016**	**0.001<A**	**1.32**	**1.80**	**0.026**	**4.22**	**8.93**
MINIMUM						**0.198**	**0.003**	**0.001**	**0.102**	**0.190**	**0.002**	**0.593**	**6.75**
STD DEV (GEOM *)						**2.083**	**0.033**	**0.001<A**	**1.59**	**1.57**	**0.036**	**4.07**	**1.44**
# SAMPLES (IN STATISTICS)						**9**	**9**	**8**	**9**	**9**	**9**	**9**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*
81 01 27 1530		.3	1	0.708	0.152	0.860	45.00	1.00	44.000	68.0	0.47	1.050	15.000
81 02 27 1530		.3	1	0.697	0.088	0.785	45.00	0.70	44.000	68.0	0.49	1.100	14.500
81 03 29 1530		.3	1	3.240	0.870	4.110	111.0	0.1 <	111.000	170.0	1.00	2.650	46.500
81 05 30 1830		.3	1	10.797	0.500	11.297		2	263	405			126.0
81 06 30		.3		12.847	0.090	12.757		0.4	320	470			153.0
81 07 30		.3	1	10.050	0.300	10.350		4.0	336	480			153.0
81 08 30		.3	1	13.986	0.150	14.136		2.0	296	510			185.0
81 09 30		.3	1	13.992	0.500	14.492				540			161.0
81 10 30		.3	1	13.242	0.250	13.492		2.6	257	490			169.0
MAXIMUM				**13.992**	**0.870**	**14.492**	**111.0**	**4.0**	**336**	**540**	**1.00**	**2.650**	**185.0**
ARITH MEAN				**8.840**	**0.322**	**9.142**	**67.0**	**1**	**208**	**355**	**0.65**	**1.600**	**113.6**
GEOM MEAN				**5.640**	**0.243**	**6.085**	**60.8**	**1**	**161**	**277**	**0.61**	**1.452**	**81.0**
MINIMUM				**0.697**	**0.088**	**0.785**	**45.00**	**0.4**	**44.000**	**68.0**	**0.47**	**1.050**	**14.500**
STD DEV (GEOM *)				**5.674**	**0.259**	**5.650**	**38.1**	**1**	**122**	**195**	**0.30**	**0.910**	**68.6**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**3**	**7**	**8**	**9**	**3**	**3**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*
81 01 27 1530		.3	1		6.68			0.120	0.005	0.003<	0.0002<	0.014	
81 02 27 1530		.3	1		6.14			0.160	0.001<	0.003<	0.0002<	0.015	
81 03 29 1530		.3	1		6.36			0.055	0.001<	0.003<	0.0002<	0.018	
81 05 30 1830		.3	1	6	6.41	0.05	0.001<	0.170	0.003	0.004		0.012	0.246
81 06 30		.3		6	6.67	0.03	0.001<	0.170	0.006	0.004		0.020	0.272
81 07 30		.3	1	4	6.72	0.11	0.001<	0.160	0.005	0.007		0.020	0.268
81 08 30		.3	1	4	6.47	0.04	0.001<	0.130	0.007	0.005		0.020	0.272
81 09 30		.3	1	5	6.78	0.04	0.001<	0.110	0.011	0.006		0.020	0.284
81 10 30		.3	1	5	6.27	0.08	0.001<	0.190	0.004	0.003		0.018	0.330
MAXIMUM				**6**	**6.78**	**0.11**		**0.190**	**0.011**	**0.007**		**0.020**	**0.330**
ARITH MEAN				**5**	**6.50**	**0.06**		**0.141**	**0.006**	**0.005**		**0.017**	**0.279**
GEOM MEAN				**5**	**6.50**	**0.05**		**0.133**	**0.005**	**0.005**		**0.017**	**0.278**
MINIMUM				**4**	**6.14**	**0.03**		**0.055**	**0.003**	**0.003**		**0.012**	**0.246**
STD DEV (GEOM *)				**1**	**0.22**	**0.03**		**0.041**	**0.003**	**0.001**		**0.003**	**0.028**
# SAMPLES (IN STATISTICS)				**6**	**9**	**6**		**9**	**7**	**6**		**9**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*NIUT*	*COUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 27 1530		.3	1	0.004	0.003	1	10	1	5	1	10<
81 02 27 1530		.3	1	0.005	0.004	1<	9	1	4	2	10<
81 03 29 1530		.3	1	0.004	0.002<	1	10	1	7	1	10<
81 05 30 1830		.3	1	0.0050							
81 06 30		.3		0.010		3	33	1	20	1	14
81 07 30		.3	1	0.0110		3	37	2	11	3	19
81 08 30		.3	1	0.0100							
81 09 30		.3	1	0.0090		3	21	2	17	2	6
81 10 30		.3	1	0.003		3	32	6	19	7	15
MAXIMUM				**0.0110**	**0.004**	**3**	**37**	**6**	**20**	**7**	**19**
ARITH MEAN				**0.006**	**0.003**	**2**	**22**	**2**	**12**	**2**	**13**
GEOM MEAN				**0.006**	**0.003**	**2**	**18**	**2**	**10**	**2**	**12**
MINIMUM				**0.003**	**0.003**	**1**	**9**	**1**	**4**	**1**	**6**
STD DEV (GEOM *)				**0.003**	**0.001**	**1**	**12**	**2**	**7**	**2**	**5**
# SAMPLES (IN STATISTICS)				**9**	**2**	**6**	**7**	**7**	**7**	**7**	**4**

B.O.W./ SITE: **QUIRKE MINE TAILINGS**
SAMPLE POINT: **TREATED QUIRKE TAILINGS EFFLUENT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-051-01**
STORET CODE: **02 002 8040**

LAT: LONG: U.T.M: **17 0373100.0 5151650.0 4** REGION: **05** DISTANCE: **89.799**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*
81 01 29 1430		.3	1	21615	8	0.135	0.001	72.500	98.800	3.200	102.000		177.700
81 02 29 1430		.3	1	21638	8	0.028	0.001	56.500	86.500	2.600	99.000		158.100
81 03 30 1430		.3	1	21662		0.016	0.001<	90.500	91.800	3.650	135.000		229.150
81 05 30 1530		.3	1	21687		0.015	0.001<T	79.0	79.5	3.35	112	115	194.350
81 06 29		.3	1	21713		0.018	0.001<T	74.000	76.00	0.082	110.000	110.000	184.082
81 07 30		.3	1	21739		0.032	0.001	57.000	62.00	0.020	105.000	105.000	162.020
81 08 30		.3	1	21764		0.092	0.002	45.0	45.30	0.001	105.000	105.000	150.001
81 09 30		.3	1	21790		0.062	0.001	52.000	60.50	8.200	91.800	100.000	152.000
81 10 30		.1	1	21816		0.035	0.001<T		70.00	6.000	91.500	97.500	
81 11 30		.3	1	21841		0.018	0.021	0.114	0.65	0.021	1.830	1.850	1.965
81 12 30		3	1	21870		0.020	0.001	110.000	75.00				
MAXIMUM						**0.135**	**0.021**	**110.000**	**98.800**	**8.200**	**135.000**	**115**	**229.150**
ARITH MEAN						**0.043**	**0.003<A**	**63.6**	**67.8**	**2.71**	**95**	**90**	**156.596**
GEOM MEAN						**0.032**	**0.001<A**	**35.9**	**47.4**	**0.42**	**70**	**59**	**105.877**
MINIMUM						**0.015**	**0.001**	**0.114**	**0.65**	**0.001**	**1.830**	**1.850**	**1.965**
STD DEV (GEOM *)						**0.039**	**0.006<A**	**29.6**	**26.9**	**2.81**	**35**	**39**	**63.144**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**11**	**10**	**10**	**7**	**9**

(CONTD)

B.O.W./ SITE: **QUIRKE MINE TAILINGS**
SAMPLE POINT: **TREATED QUIRKE TAILINGS EFFLUENT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-051-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0373100.0 5151650.0 4** REGION: **05** DISTANCE: **89.799**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 29 1430		.3	1	26.300	204.000	3020.0	17.0	3003.0	3550.0	8.50	26.000	1609.00	
81 02 29 1430		.3	1	30.000	188.100	3009.0	12.0	3007.0	3550.0	8.80	26.000	1472.00	
81 03 30 1430		.3	1	1.300	230.450	3046.0	13.0	3033.0	3550.0	6.70	25.500	1515.00	
81 05 30 1530		.3	1	0.500	194.850		4	2823	3450			1625.0	25
81 06 29		.3	1	2.000	186.082		7.2	2870	3500				8
81 07 30		.3	1	5.000	167.020		8.6	3160	3500			1674.0	2
81 08 30		.3	1	0.300	150.301		9.2	2790	3400			61.0	10
81 09 30		.3	1	8.500	160.500				1080			1551.0	6
81 10 30		.1	1		167.500		16.7	2715	3450			1782.0	20
81 11 30		.3	1	0.536	2.501		12.1	101	155			49.0	7
81 12 30		.3	1	35.000			35.9	3041	3630	3.60	29.00		61
MAXIMUM				**35.000**	**230.450**	**3046.0**	**35.9**	**3160**	**3630**	**8.80**	**29.00**	**1782.0**	**61**
ARITH MEAN				**10.944**	**165.130**	**3025.0**	**13**	**2654**	**2983**	**6.90**	**26.62**	**1259.7**	**17**
GEOM MEAN				**3.459**	**118.395**	**3025.0**	**11**	**2095**	**2373**	**6.52**	**26.59**	**755.9**	**11**
MINIMUM				**0.300**	**2.501**	**3009.0**	**4**	**101**	**155**	**3.60**	**25.500**	**49.0**	**2**
STD DEV (GEOM *)				**13.835**	**61.758**	**19.0**	**8**	**907**	**1189**	**2.39**	**1.60**	**688.9**	**19**
# SAMPLES (IN STATISTICS)				**10**	**10**	**3**	**10**	**10**	**11**	**4**	**4**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 29 1430		.3	1	8.99	1.500		2.800		0.018	0.003<	0.0002<	0.010	
81 02 29 1430		.3	1	9.02	1.500		5.000		0.022	0.003<	0.0002<	0.003	
81 03 30 1430		.3	1	8.82	0.980		3.3		0.018	0.003<	0.0002<	0.001	
81 05 30 1530		.3	1	7.35	0.93	0.001<	0.240		0.008	0.003<		0.007	0.476
81 06 29		.3	1	7.19	1.25	0.001<	0.750		0.021	0.003<		0.011	0.376
81 07 30		.3	1	5.16	2.48	0.001<	0.380		0.020	0.003<		0.012	0.552
81 08 30		.3	1	6.22	4.30	0.001<	0.190		0.013	0.003<		0.012	0.630
81 09 30		.3	1	5.51	7.75	0.001<	0.340		0.018	0.003<		0.020	0.830
81 10 30		.1	1	6.89	6.00	0.001<	0.610		0.001<	0.003<		0.008	0.670
81 11 30		.3	1	6.94	0.57	0.001<	0.150		0.005	0.007		0.012	0.142
81 12 30		.3	1	8.56	1.50	0.001<		0.002<	0.012	0.003<	0.0002<	0.004	
MAXIMUM				**9.02**	**7.75**		**5.000**		**0.022**	**0.007**		**0.020**	**0.830**
ARITH MEAN				**7.33**	**2.61**		**1.3**		**0.015**	**0.007**		**0.009**	**0.525**
GEOM MEAN				**7.21**	**1.88**		**0.6**		**0.014**			**0.007**	**0.468**
MINIMUM				**5.16**	**0.57**		**0.150**		**0.005**	**0.007**		**0.001**	**0.142**
STD DEV (GEOM *)				**1.38**	**2.36**		**1.7**		**0.006**			**0.005**	**0.223**
# SAMPLES (IN STATISTICS)				**11**	**11**		**10**		**10**	**1**		**11**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 01 29 1430		.3	1			3	140	220	170	160	76
81 02 29 1430		.3	1		0.007	2	130	250	180	160	68
81 03 30 1430		.3	1	0.012							
81 05 30 1530		.3	1	0.0240							
81 06 29		.3	1	0.0230		19	140	200	160	80	72
81 07 30		.3	1	0.0380		25	150	110	140	45	78
81 08 30		.3	1	0.0350							
81 09 30		.3	1	0.0490							
81 10 30		.1	1	0.051		2	170	250	140	140	100
81 11 30		.3	1	0.005		43	210	140	150	79	110
81 12 30		.3	1			46	180	180	150	92	87
MAXIMUM				**0.051**	**0.007**	**46**	**210**	**250**	**180**	**160**	**110**
ARITH MEAN				**0.029**	**0.007**	**20**	**160**	**193**	**156**	**108**	**84**
GEOM MEAN				**0.024**		**10**	**158**	**186**	**155**	**99**	**83**
MINIMUM				**0.005**	**0.007**	**2**	**130**	**110**	**140**	**45**	**68**
STD DEV (GEOM *)				**0.016**		**19**	**28**	**53**	**15**	**45**	**15**
# SAMPLES (IN STATISTICS)				**8**	**1**	**7**	**7**	**7**	**7**	**7**	**7**

B.O.W./ SITE: **MAY LAKE**
SAMPLE POINT: **SOUTH END OF MAY LAKE 33 3**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-054-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0386200.0 5142375.0 4** REGION: **05** DISTANCE: **61.636**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1240		.3	1	22250	8		0.004	0.003	0.520	0.60	0.002	0.230	0.230
81 10 28 1145		.3	1	22291		9.0	0.004	0.001<T			0.005	0.455	0.460
MAXIMUM						**9.0**	**0.004**	**0.003**	**0.520**	**0.60**	**0.005**	**0.455**	**0.460**
ARITH MEAN						**9.0**	**0.004**	**0.002<A**	**0.520**	**0.60**	**0.003**	**0.342**	**0.345**
GEOM MEAN							**0.004**	**0.002<A**			**0.003**	**0.323**	**0.325**
MINIMUM						**9.0**	**0.004**	**0.001**	**0.520**	**0.60**	**0.002**	**0.230**	**0.230**
STD DEV (GEOM *)							**0.000**	**0.001<A**			**0.002**	**0.159**	**0.163**
# SAMPLES (IN STATISTICS)						**1**	**2**	**2**	**1**	**1**	**2**	**2**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1240	.3	1		0.752	0.080	0.832	1 <T	237	350	120	4	6.36	
81 10 28 1145	.3	1					0.8	228	350	105.0	2	5.28	5.16
MAXIMUM				0.752	0.080	0.832	1	237	350	120	4	6.36	5.16
ARITH MEAN				0.752	0.080	0.832	0 <A	232	350	112	3	5.82	5.16
GEOM MEAN							0 <A	232	350	112	3	5.79	
MINIMUM				0.752	0.080	0.832	0.8	228	350	105.0	2	5.28	5.16
STD DEV (GEOM *)							0 <A	6	0	10	1	0.76	
# SAMPLES (IN STATISTICS)				1	1	1	2	2	2	2	2	2	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1240	.3	1		0.04	0.001<	0.110	0.003	0.003	0.020	0.174	0.0050	6	24
81 10 28 1145	.3	1		0.07	0.001<	0.460	0.007	0.003<	0.031	0.220	0.0100	8	20
MAXIMUM				0.07		0.460	0.007	0.003	0.031	0.220	0.0100	8	24
ARITH MEAN				0.05		0.285	0.005	0.003	0.025	0.197	0.0075	7	22
GEOM MEAN				0.05		0.225	0.005		0.025	0.196	0.0071	7	22
MINIMUM				0.04		0.110	0.003	0.003	0.020	0.174	0.0050	6	20
STD DEV (GEOM *)				0.02		0.247	0.003		0.008	0.033	0.0035	1	3
# SAMPLES (IN STATISTICS)				2		2	2	1	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 07 17 1240	.3	1		2	16	1	4
81 10 28 1145	.3	1		3	17	1	3<
MAXIMUM				3	17	1	4
ARITH MEAN				2	16	1	4
GEOM MEAN				2	16	1	
MINIMUM				2	16	1	4
STD DEV (GEOM *)				1	1	0	
# SAMPLES (IN STATISTICS)				2	2	2	1

B.O.W./ SITE: **MAY LAKE**
SAMPLE POINT: **NORTH END OF MAY LAKE 33 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-055-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0385200.0 5144375.0 4** REGION: **05** DISTANCE: **64.372**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
81 07 17 1250	.3	1		22251	8		0.004	0.003	1.670	1.89	0.011	0.480	0.490
81 10 28 1230	.3	1		22292		9.0	0.004	0.001<T	0.520	1.97	0.001	0.230	0.230
MAXIMUM						9.0	0.004	0.003	1.670	1.97	0.011	0.480	0.490
ARITH MEAN						9.0	0.004	0.002<A	1.095	1.93	0.006	0.355	0.360
GEOM MEAN							0.004	0.002<A	0.932	1.93	0.003	0.332	0.336
MINIMUM						9.0	0.004	0.001	0.520	1.89	0.001	0.230	0.230
STD DEV (GEOM *)							0.000	0.001<A	0.813	0.06	0.007	0.177	0.184
# SAMPLES (IN STATISTICS)						1	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 07 17 1250	.3	1		2.161	0.220	2.381	1	729	960	276	4	6.61	
81 10 28 1230	.3	1		0.751	1.450	2.201	1.9	739	960		1	6.00	5.44
MAXIMUM				2.161	1.450	2.381	1.9	739	960	276	4	6.61	5.44
ARITH MEAN				1.456	0.835	2.291	1	734	960	276	2	6.30	5.44
GEOM MEAN				1.274	0.565	2.289	1	734	960		2	6.30	
MINIMUM				0.751	0.220	2.201	1	729	960	276	1	6.00	5.44
STD DEV (GEOM *)				0.997	0.870	0.127	0	7	0		2	0.43	
# SAMPLES (IN STATISTICS)				2	2	2	2	2	2	1	2	2	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L
81 07 17 1250	.3	1		0.09	0.001<	0.110	0.004	0.003<	0.017	0.182	0.0040	5	18
81 10 28 1230	.3	1		0.10	0.001<	0.400	0.012	0.003<	0.024	0.242	0.0080	5	24
MAXIMUM				0.10		0.400	0.012		0.024	0.242	0.0080	5	24
ARITH MEAN				0.09		0.255	0.008		0.020	0.212	0.0060	5	21
GEOM MEAN				0.09		0.210	0.007		0.020	0.210	0.0057	5	21
MINIMUM				0.09		0.110	0.004		0.017	0.182	0.0040	5	18
STD DEV (GEOM *)				0.01		0.205	0.006		0.005	0.042	0.0028	0	4
# SAMPLES (IN STATISTICS)				2		2	2		2	2	2	2	2

(CONTD)

B.O.W./ SITE: **MAY LAKE**
SAMPLE POINT: **NORTH END OF MAY LAKE 33 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-055-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0385200.0 5144375.0 4** REGION: **05** DISTANCE: **64.372**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
	TEST-NAME:			*GACP*	*GBCF*	*GBCP*	*UU238*
81 07 17 1250		.3	1	5	18	1	4
81 10 28 1230		.3	1	5	18	1	7
	MAXIMUM			5	18	1	7
	ARITH MEAN			5	18	1	5
	GEOM MEAN			5	18	1	5
	MINIMUM			5	18	1	4
	STD DEV (GEOM *)			0	0	0	2
	# SAMPLES (IN STATISTICS)			2	2	2	2

B.O.W./ SITE: **ESTEN LAKE**
SAMPLE POINT: **CENTRAL PART OF ESTEN LAKE 49 1**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-067-01**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0369400.0 5134250.0 4** REGION: **05** DISTANCE: **60.188**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*
81 07 17 1300		.3	1	22253	8		0.025	0.015	0.110	0.35	0.005<T	0.005<T	0.005<T
81 10 28 1340		.3	1	22293		5.0	0.045	0.021	0.016	0.35	0.001<T	0.305	0.305
	MAXIMUM					5.0	**0.045**	**0.021**	**0.110**	**0.35**	**0.005**	**0.305**	**0.305**
	ARITH MEAN					5.0	**0.035**	**0.018**	**0.063**	**0.35**	**0.003<A**	**0.155<A**	**0.155<A**
	GEOM MEAN						**0.034**	**0.018**	**0.042**	**0.35**	**0.002<A**	**0.039<A**	**0.039<A**
	MINIMUM					5.0	**0.025**	**0.015**	**0.016**	**0.35**	**0.001**	**0.005**	**0.005**
	STD DEV (GEOM *)						**0.014**	**0.004**	**0.066**	**0.00**	**0.003<A**	**0.212<A**	**0.212<A**
	# SAMPLES (IN STATISTICS)					1	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*	*FWPH*
81 07 17 1300		.3	1	0.120	0.240	0.360	1 <T	111	170	42.0	12	7.66	
81 10 28 1340		.3	1	0.322	0.334	0.656	1.0	117	180	47.0	12	6.68	6.96
	MAXIMUM			**0.322**	**0.334**	**0.656**	1	**117**	**180**	**47.0**	**12**	**7.66**	**6.96**
	ARITH MEAN			**0.221**	**0.287**	**0.508**	1 <A	**114**	**175**	**44.5**	**12**	**7.17**	**6.96**
	GEOM MEAN			**0.197**	**0.283**	**0.486**	1 <A	**114**	**175**	**44.4**	**12**	**7.15**	
	MINIMUM			**0.120**	**0.240**	**0.360**	1	**111**	**170**	**42.0**	**12**	**6.68**	**6.96**
	STD DEV (GEOM *)			**0.143**	**0.066**	**0.209**	0 <A	**4**	**7**	**3.5**	**0**	**0.69**	
	# SAMPLES (IN STATISTICS)			2	2	2	2	2	2	2	2	2	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
	TEST-NAME:			*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*	*RA226F*	*GACF*
81 07 17 1300		.3	1	0.03	0.001<	0.010	0.002	0.003<	0.001<	0.038	0.0020<	1<	1
81 10 28 1340		.3	1	0.04	0.001<	0.028	0.004	0.005	0.006	0.120	0.0040	1<	8
	MAXIMUM			**0.04**		**0.028**	**0.004**	**0.005**	**0.006**	**0.120**	**0.0040**		**8**
	ARITH MEAN			**0.03**		**0.019**	**0.003**	**0.005**	**0.006**	**0.079**	**0.0040**		**4**
	GEOM MEAN			**0.03**		**0.017**	**0.003**			**0.068**			**3**
	MINIMUM			**0.03**		**0.010**	**0.002**	**0.005**	**0.006**	**0.038**	**0.0040**		**1**
	STD DEV (GEOM *)			**0.01**		**0.013**	**0.001**			**0.058**			**5**
	# SAMPLES (IN STATISTICS)			2		2	2	1	1	2	1		2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
	TEST-NAME:			*GACP*	*GBCF*	*GBCP*	*UU238*
81 07 17 1300		.3	1	1<	3	1<	3<
81 10 28 1340		.3	1	1<	3	1<	5
	MAXIMUM				**3**		**5**
	ARITH MEAN				**3**		**5**
	GEOM MEAN				**3**		
	MINIMUM				**3**		**5**
	STD DEV (GEOM *)				**0**		
	# SAMPLES (IN STATISTICS)				2		1

B.O.W./ SITE: **ORIENT LAKE OUTLET**
SAMPLE POINT: **AT LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-070-02**
STORET CODE: **02 002 8040**

LAT: LONG: U.T.M: **17 0383300.0 5145900.0 4** REGION: **05** DISTANCE: **85.400**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L
81 05 28 1400		.3	1	21683	0.006	0.002	0.910	1.11	0.056	3.04	3.100	4.006	0.200
81 06 28		.3	1	21709	0.004	0.001<T	0.520	0.78	1.150	1.850	3.000	3.520	0.260
81 07 28		.3	1	21735	0.010	0.001	0.570	1.60	1.670	2.630	4.300	4.870	1.030
81 09 28		.3	1	21784	0.094	0.008	0.042	1.70	0.005	5.500	5.500	5.547	1.658
81 10 28		.3	1	21812	0.042	0.001<T	2.200	2.48	0.380	4.570	4.950	7.150	0.280
81 11 28		.3	1	21837	0.010	0.004	0.650	0.72	0.003	0.135	0.140	0.788	0.070
81 12 28		.3	1	21869	0.018	0.001<T	3.000	4.35					1.350
MAXIMUM					**0.094**	**0.008**	**3.000**	**4.35**	**1.670**	**5.500**	**5.500**	**7.150**	**1.658**
ARITH MEAN					**0.026**	**0.003<A**	**1.127**	**1.82**	**0.544**	**2.95**	**3.498**	**4.313**	**0.693**
GEOM MEAN					**0.015**	**0.002<A**	**0.649**	**1.51**	**0.092**	**1.92**	**2.311**	**3.592**	**0.421**
MINIMUM					**0.004**	**0.001**	**0.042**	**0.72**	**0.003**	**0.135**	**0.140**	**0.788**	**0.070**
STD DEV (GEOM *)					**0.033**	**0.003<A**	**1.064**	**1.27**	**0.705**	**1.91**	**1.921**	**2.146**	**0.641**
# SAMPLES (IN STATISTICS)					**7**	**7**	**7**	**7**	**6**	**6**	**6**	**6**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE
81 05 28 1400		.3	1	4.206	4	3020	3200			925.0	19	8.34	1.00
81 06 28		.3	1	3.780	9.8	2801	3100			0.0	19	7.99	0.75
81 07 28		.3	1	5.900	7.7	3804	3800			1013.0	16	7.82	0.58
81 09 28		.3	1	7.205	6.7	3071	4000			1135.0	5	7.00	0.46
81 10 28		.3	1	7.430	11.0	2590	3450			1208.0	27	8.52	3.90
81 11 28		.3	1	0.858	5.2	236	500			160.0	0	3.62	1.25
81 12 28		.3	1		13.7	2481	3460	8.90	333.00		228	11.84	0.05
MAXIMUM				**7.430**	**13.7**	**3804**	**4000**	**8.90**	**333.00**	**1208.0**	**228**	**11.84**	**3.90**
ARITH MEAN				**4.896**	**8**	**2572**	**3073**	**8.90**	**333.00**	**888.2**	**52**	**7.88**	**1.14**
GEOM MEAN				**4.034**	**7**	**2046**	**2643**			**728.8**	**24**	**7.50**	**0.66**
MINIMUM				**0.858**	**4**	**236**	**500**	**8.90**	**333.00**	**160.0**	**5**	**3.62**	**0.05**
STD DEV (GEOM *)				**2.481**	**3**	**1117**	**1177**			**421.4**	**86**	**2.42**	**1.28**
# SAMPLES (IN STATISTICS)				**6**	**7**	**7**	**7**	**1**	**1**	**5**	**6**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L
81 05 28 1400		.3	1	0.001<	0.960		0.010	0.004		0.005	0.226	0.0020<	
81 06 28		.3	1	0.001<	0.670		0.022	0.003<		0.012	0.128	0.0110	2
81 07 28		.3	1	0.001<	0.720		0.049	0.003<		0.020	0.160	0.0070	17
81 09 28		.3	1	0.001<	0.270		0.021	0.003<		0.006	0.276	0.0050	10
81 10 28		.3	1	0.001<	1.100		0.020	0.003<		0.032	0.140	0.013	1
81 11 28		.3	1	0.001<	6.200		0.014	0.003<		0.082	1.280	0.074	1
81 12 28		.3	1	0.001<		0.002<	0.012	0.003<	0.0002<	0.003			1<
MAXIMUM					**6.200**		**0.049**	**0.004**		**0.082**	**1.280**	**0.074**	**17**
ARITH MEAN					**1.653**		**0.021**	**0.004**		**0.023**	**0.368**	**0.022**	**6**
GEOM MEAN					**0.974**		**0.019**			**0.013**	**0.247**	**0.013**	**3**
MINIMUM					**0.270**		**0.010**	**0.004**		**0.003**	**0.128**	**0.0050**	**1**
STD DEV (GEOM *)					**2.245**		**0.013**			**0.028**	**0.450**	**0.029**	**7**
# SAMPLES (IN STATISTICS)					**6**		**7**	**1**		**7**	**6**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 06 28		.3	1	37	2	3	1	20
81 07 28		.3	1	40	25	1	18	27
81 09 28		.3	1	38	1	17	1	15
81 10 28		.3	1	36	5	6	6	24
81 11 28		.3	1	7	3	8	3	3<
81 12 28		.3	1	16	1	7	1	10
MAXIMUM				**40**	**25**	**17**	**18**	**27**
ARITH MEAN				**29**	**6**	**7**	**5**	**19**
GEOM MEAN				**25**	**3**	**5**	**3**	**18**
MINIMUM				**7**	**1**	**1**	**1**	**10**
STD DEV (GEOM *)				**14**	**9**	**6**	**7**	**7**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**5**

B.O.W./ SITE: **PANEL MINE TAILINGS EFFLUENT**
SAMPLE POINT: **AT TAILINGS TREATMENT EFFLUENT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SERPENT RIVER**

STATION ID: **14-0019-071-02**
STORET CODE: **02 002 8040**

LAT: LONG: U T M: **17 0381725.0 5152650.0 4** REGION: **05** DISTANCE: **80.000**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L
81 05 30 1700		.3	1	21691	0.005	0.001<T	2.05	2.95	1.05	5.70	6.75	8.800	0.900
81 06 30		.3	1	21717	0.006	0.001<T	1.660	2.19	0.006	7.540	7.550	9.206	0.530
81 07 30		.3	1	21743	0.006	0.001	1.900	2.24	0.005	9.75	9.75	11.655	0.340
81 08 30		.3	1	21768	0.023	0.001	0.800	1.11	0.046	9.700	9.750	10.546	0.310
81 09 30		.3	1	21794	0.022	0.010	1.200	1.71	0.155	8.340	8.500	9.695	0.510
81 10 30		.3	1	21820	0.013	0.001<T	3.750	4.00	0.900	8.350	9.250	13.000	0.250
81 11 30		.3	1	21845	0.007	0.002	0.014	0.22	0.005	0.110	0.115	0.129	0.206
81 12 30		.3	1	21866	0.004	0.001<T	4.000	2.30	1.500	8.250	9.750	13.750	1.700
	MAXIMUM				**0.023**	**0.010**	**4.000**	**4.00**	**1.500**	**9.75**	**9.75**	**13.750**	**1.700**
	ARITH MEAN				**0.011**	**0.002<A**	**1.92**	**2.09**	**0.45**	**7.21**	**7.67**	**9.598**	**0.593**
	GEOM MEAN				**0.009**	**0.001<A**	**1.03**	**1.65**	**0.07**	**4.74**	**5.05**	**6.215**	**0.467**
	MINIMUM				**0.004**	**0.001**	**0.014**	**0.22**	**0.005**	**0.110**	**0.115**	**0.129**	**0.206**
	STD DEV (GEOM *)				**0.008**	**0.003<A**	**1.37**	**1.14**	**0.59**	**3.14**	**3.25**	**4.216**	**0.499**
	# SAMPLES (IN STATISTICS)				8	8	8	8	8	8	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 05 30 1700		.3	1	9.700	1 <W	1508	1750	895.0	17	7.43	0.09	0.001<	0.310
81 06 30		.3	1	9.736	2.9	1496	1800		19	7.27	0.14	0.001<	0.550
81 07 30		.3	1	11.995	1.5	1916	2200	1010.0	18	7.31	0.05	0.001<	0.320
81 08 30		.3	1	10.856	1.3	1834	2200	278.0	21	7.15	0.03	0.001<	0.170
81 09 30		.3	1	10.205			2200	1164.0	21	7.24	0.09	0.001<	0.140
81 10 30		.3	1	13.250	3.4	1974	2350	1391.0	20	7.59	0.23	0.001<	0.450
81 11 30		.3	1	0.335	3.1	42	65	9.0	19	7.50	0.25	0.001<	0.078
81 12 30		.3	1	12.050	2.5	2257	2500	1335.0	25	8.46	0.17	0.001<	0.400
	MAXIMUM			**13.250**	**3.4**	**2257**	**2500**	**1391.0**	**25**	**8.46**	**0.25**		**0.550**
	ARITH MEAN			**9.766**	**2 <A**	**1575**	**1883**	**868.9**	**20**	**7.49**	**0.13**		**0.302**
	GEOM MEAN			**7.134**	**2 <A**	**1058**	**1375**	**467.6**	**20**	**7.48**	**0.11**		**0.256**
	MINIMUM			**0.335**	**1**	**42**	**65**	**9.0**	**17**	**7.15**	**0.03**		**0.078**
	STD DEV (GEOM *)			**4.012**	**1 <A**	**727**	**777**	**530.1**	**2**	**0.42**	**0.08**		**0.164**
	# SAMPLES (IN STATISTICS)			8	7	7	8	7	8	8	8		8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	RA226F RADIUM 226 FIL. PCI/L	GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L
81 05 30 1700		.3	1	0.007	0.003<	0.002	0.156	0.0020<					
81 06 30		.3	1	0.018	0.003<	0.006	0.112	0.0070	1	39	8	31	7
81 07 30		.3	1	0.018	0.003<	0.016	0.160	0.0090	2	74	1	69	3
81 08 30		.3	1	0.014	0.034	0.004	0.012	0.0060					
81 09 30		.3	1	0.016	0.003<	0.008	0.124	0.0070	1	70	1<	59	2
81 10 30		.3	1	0.014<	0.011	0.006	0.194	0.004	1	94	7	85	9
81 11 30		.3	1	0.001	0.015	0.018	0.020	0.001 <	14	110	29	100	13
81 12 30		.3	1	0.021	0.028	0.007	0.264	0.015	8	160	27	98	25
	MAXIMUM			**0.021**	**0.034**	**0.018**	**0.264**	**0.015**	**14**	**160**	**29**	**100**	**25**
	ARITH MEAN			**0.014**	**0.022**	**0.008**	**0.130**	**0.008**	**4**	**91**	**14**	**74**	**10**
	GEOM MEAN			**0.010**	**0.020**	**0.007**	**0.090**	**0.007**	**2**	**83**	**8**	**69**	**7**
	MINIMUM			**0.001**	**0.011**	**0.002**	**0.012**	**0.004**	**1**	**39**	**1**	**31**	**2**
	STD DEV (GEOM *)			**0.007**	**0.011**	**0.006**	**0.085**	**0.003**	**5**	**41**	**13**	**26**	**8**
	# SAMPLES (IN STATISTICS)			7	4	8	8	6	6	6	5	6	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	UU238 URANIUM 238 UG/L
81 06 30		.3	1	25
81 07 30		.3	1	37
81 09 30		.3	1	16
81 10 30		.3	1	39
81 11 30		.3	1	46
81 12 30		.3	1	93
	MAXIMUM			**93**
	ARITH MEAN			**43**
	GEOM MEAN			**37**
	MINIMUM			**16**
	STD DEV (GEOM *)			**27**
	# SAMPLES (IN STATISTICS)			6

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **AT OUTLET OF KELLY LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED.02CF012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-003-02**
STORET CODE: **02 002 7950**

LAT: LONG: U.T.M: **17 0492550.0 5141350.0 4** REGION: **05** DISTANCE: **122.951**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 09 1545		.3	1	24004	6 8	1.140				0.0	8.0	0.268	0.160
81 03 15 1250		.3	1	24047	6 8	2.570				0.0	8.0	0.212	0.084
81 04 18 1020		.3	1	24060	3 6 9	7.810	16	44	10<	4.0	9.00	0.161	0.060
81 05 24 0915		.3	1	24114	6 8	1.610				15.0	9.00	0.147	0.039
81 06 21 0825		.3	1	24144	6 8	1.520	20A	12000	4	20.0	9.00	0.208	0.105
81 08 03 1025		.3	1	24176	6 8 9	1.100	100A	10000	4<	22.0	9.00	0.092	0.004
81 09 05 2020		.3	1	24213	6 8	6.500	2000A	113000	4<	20.0	9.00	0.174	0.003
81 10 04 1615		.3	1	24247	6 8	2.480	190	690	4<	5.0	10.00	0.125	0.013
81 11 01 1025		.3	1	24266	6 8	2.130				6.0	8.00	0.160	0.063
81 12 06 0905		.3	1	24311	6 8	2.630				0.0	9.00	0.188	0.035
MAXIMUM						**7.810**	**2000**	**113000**	**4**	**22.0**	**10.00**	**0.268**	**0.160**
ARITH MEAN						**2.949**	**465**	**27147**	**4**	**13.1**	**8.8**	**0.173**	**0.057**
GEOM MEAN						**2.369**	**104**	**3334**		**10.7**	**8.7**	**0.167**	**0.032**
MINIMUM						**1.100**	**16**	**44**	**4**	**4.0**	**8.0**	**0.092**	**0.003**
STD DEV (GEOM *)						**2.307**	**7***	**20***		**7.9**	**0.6**	**0.049**	**0.050**
# SAMPLES (IN STATISTICS)						**10**	**5**	**5**	**1**	**7**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L
81 01 09 1545		.3	1	15.500	22.000	0.125	1.330		16.955	6.500	23.455	1364.0	4.0
81 03 15 1250		.3	1	19.000	24.700	0.345	1.410		20.755	5.700	26.455	1073.0	8.0
81 04 18 1020		.3	1	10.2	0.00			1.800		10.200	1.800		8
81 05 24 0915		.3	1		13.20			5.000			18.200		11
81 06 21 0825		.3	1	11.00	13.0	1.10	3.90	5.000	16.000	2.000	18.000		6
81 08 03 1025		.3	1	8.850	14.40	0.001	3.700	3.700	12.551	5.550	18.101		8.6
81 09 05 2020		.3	1		0.18	0.037	3.260	3.300			3.477		23.0
81 10 04 1615		.3	1	5.150	11.20	0.300	5.700	6.000	11.150	6.050	17.200		
81 11 01 1025		.3	1	3.700	11.60	0.300				7.900			3.5
81 12 06 0905		.3	1	5.350	14.00	0.400	2.350	2.750	8.100	8.650	16.750		4.5
MAXIMUM				**19.000**	**24.700**	**1.10**	**5.700**	**6.000**	**20.755**	**10.200**	**26.455**	**1364.0**	**23.0**
ARITH MEAN				**9.8**	**13.8**	**0.32**	**3.09**	**3.936**	**14.252**	**6.569**	**15.938**	**1218.5**	**8**
GEOM MEAN				**8.5**	**9.1**	**0.12**	**2.74**	**3.676**	**13.620**	**6.024**	**12.340**	**1209.8**	**7**
MINIMUM				**3.700**	**0.18**	**0.001**	**1.330**	**1.800**	**8.100**	**2.000**	**1.800**	**1073.0**	**3.5**
STD DEV (GEOM *)				**5.3**	**6.9**	**0.34**	**1.54**	**1.469**	**4.539**	**2.456**	**8.205**	**205.8**	**6**
# SAMPLES (IN STATISTICS)				**8**	**9**	**8**	**7**	**7**	**6**	**8**	**9**	**2**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 01 09 1545		.3	1		1800.0	1.80	75.000			7.47			0.052
81 03 15 1250		.3	1		1550.0	3.10	148.000			8.12			0.230
81 04 18 1020		.3	1	920	1320	5.80	90.00	494	28	4.78	1<T	0.37	0.160
81 05 24 0915		.3	1	1077	1500	2.50	100.00	562.0	4	4.98	1	0.28	0.110
81 06 21 0825		.3	1	1153	1600	2.10	102	613	5	4.71	1	0.40	0.075
81 08 03 1025		.3	1	1260	1700	0.37	94.00	701.0	1	5.36	1	1.900	0.550
81 09 05 2020		.3	1	1204	1510	7.20	89.00	597.0	13	6.50	2	1.65	0.230
81 10 04 1615		.3	1		1380	1.48	82.00	500.0	15	7.13	1	1.60	0.400
81 11 01 1025		.3	1		1300	7.20			26	7.69	1	0.57	0.120
81 12 06 0905		.3	1	948	1340	4.90	80.00	583.0	10	5.54	1<T	1.14	0.200
MAXIMUM				**1260**	**1800.0**	**7.20**	**148.000**	**701.0**	**28**	**8.12**	**2**	**1.900**	**0.550**
ARITH MEAN				**1094**	**1500**	**3.64**	**95**	**578**	**13**	**6.23**	**1<A**	**0.98**	**0.213**
GEOM MEAN				**1086**	**1491**	**2.74**	**93**	**574**	**9**	**6.11**	**1<A**	**0.77**	**0.169**
MINIMUM				**920**	**1300**	**0.37**	**75.000**	**494**	**1**	**4.71**	**1**	**0.28**	**0.052**
STD DEV (GEOM *)				**138**	**168**	**2.46**	**21**	**70**	**10**	**1.31**	**0<A**	**0.66**	**0.155**
# SAMPLES (IN STATISTICS)				**6**	**10**	**10**	**9**	**7**	**8**	**10**	**8**	**8**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 09 1545		.3	1	0.037	0.003<	0.013	0.680
81 03 15 1250		.3	1	0.095	0.003<	0.033	0.910
81 04 18 1020		.3	1	0.059	0.003<	0.017	0.680
81 05 24 0915		.3	1	0.032	0.020	0.022	0.730
81 06 21 0825		.3	1	0.023	0.003<	0.009	0.6300
81 08 03 1025		.3	1	0.062	0.003<	0.028	0.7700
81 09 05 2020		.3	1	0.058	0.003<	0.020	0.2900
81 10 04 1615		.3	1	0.045	0.003<	0.023	1.2000
81 11 01 1025		.3	1	0.021	0.003<	0.016	0.9200
81 12 06 0905		.3	1	0.030	0.004	0.018	0.850
MAXIMUM				**0.095**	**0.020**	**0.033**	**1.2000**
ARITH MEAN				**0.046**	**0.012**	**0.020**	**0.766**
GEOM MEAN				**0.042**	**0.009**	**0.019**	**0.725**
MINIMUM				**0.021**	**0.004**	**0.009**	**0.2900**
STD DEV (GEOM *)				**0.023**	**0.011**	**0.007**	**0.235**
# SAMPLES (IN STATISTICS)				**10**	**2**	**10**	**10**

B.O.W./ SITE: **COPPER CLIFF CREEK**
SAMPLE POINT: **AT CEASAR ROAD SUDBURY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02CF107**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-005-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0497000.0 5146000.0 4** REGION: **05** DISTANCE: **131.802**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 09 1515		.3	1	24003	6 8	0.0	8.0	0.090	0.001<	28.500	77.500	0.300	2.350
81 03 15 1220		.3	1	24046	6 8	1.0	7.0	0.080	0.001<		73.800	0.620	3.930
81 04 18 0950		.3	1	24059	3 6 9	4.0	8.00	0.061	0.001<W		48.20	0.310	2.59
81 05 24 0840		.3	1	24113	6 8	15.0	7.00	0.022	0.001<T	45.500	53.20	0.625	0.295
81 06 21 0755		.3	1	24143	6 8	21.0	7.00	0.058	0.004	41.800	47.00	0.049	0.080
81 08 03 0950		.3	1	24175	6 8	22.0	7.00	0.015	0.002	24.700	32.50	0.120	0.605
81 09 05 1950		.3	1	24212	6 8 9	20.0	7.00	0.010	0.001	29.5	39.80	0.120	0.740
81 10 04 1545		.3	1	24246	6 8	5.0	8.00	0.015	0.001<T	33.700	46.50	0.235	1.160
81 11 01 0950		.3	1	24265	6 8	6.0	7.00	0.010	0.001<T	41.000	54.00	0.280	1.370
81 12 06 0835		.3	1	24310	6 8	0.0	8.00	0.040	0.001<T	46.500	67.00	0.305	1.590
MAXIMUM						**22.0**	**8.0**	**0.090**	**0.004**	**46.500**	**77.500**	**0.625**	**3.930**
ARITH MEAN						**11.7**	**7.4**	**0.040**	**0.001<A**	**36.4**	**53.95**	**0.296**	**1.47**
GEOM MEAN						**8.0**	**7.3**	**0.030**	**0.001<A**	**35.5**	**52.19**	**0.235**	**0.95**
MINIMUM						**1.0**	**7.0**	**0.010**	**0.001**	**24.700**	**32.50**	**0.049**	**0.080**
STD DEV (GEOM *)						**8.6**	**0.5**	**0.030**	**0.001<A**	**8.3**	**14.59**	**0.194**	**1.19**
# SAMPLES (IN STATISTICS)						**8**	**10**	**10**	**8**	**8**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 09 1515		.3	1		31.150	49.000	80.150	2758.0	26.0		3250.0	5.90	181.000
81 03 15 1220		.3	1				78.350	2305.0	18.0		2900.0	2.80	331.000
81 04 18 0950		.3	1	2.90			51.100		15	2126	2550	5.80	
81 05 24 0840		.3	1	0.920	46.420	7.700	54.120		11	2422	2900	3.00	
81 06 21 0755		.3	1	0.130	41.929	5.200	47.129		13	2648	2800	3.30	
81 08 03 0950		.3	1	0.725	25.425	7.800	33.225		6.4	2322	2650	0.64	
81 09 05 1950		.3	1	0.860	30.360	10.300	40.660		33.1	2309	2620	4.40	
81 10 04 1545		.3	1	1.400	35.095	12.800	47.895				2800	5.10	
81 11 01 0950		.3	1	1.650	42.650	13.000	55.650		16.7	2689	2850	7.50	
81 12 06 0835		.3	1	1.900	48.395	20.500	68.895		10.5	389	2900	3.50	
MAXIMUM				**2.90**	**48.395**	**49.000**	**80.150**	**2758.0**	**33.1**	**2689**	**3250.0**	**7.50**	**331.000**
ARITH MEAN				**1.31**	**37.678**	**15.787**	**55.717**	**2531.5**	**16**	**2129**	**2822**	**4.19**	**256.000**
GEOM MEAN				**0.99**	**36.836**	**12.340**	**53.797**	**2521.3**	**14**	**1858**	**2816**	**3.59**	**244.767**
MINIMUM				**0.130**	**25.425**	**5.200**	**33.225**	**2305.0**	**6.4**	**389**	**2550**	**0.64**	**181.000**
STD DEV (GEOM *)				**0.85**	**8.341**	**14.210**	**15.543**	**320.3**	**8**	**792**	**196**	**1.96**	**106.066**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**10**	**2**	**9**	**7**	**10**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 09 1515		.3	1			9.18		0.054	0.047	0.003<	0.014	0.680
81 03 15 1220		.3	1			9.19		0.085	0.032	0.003<	0.015	0.910
81 04 18 0950		.3	1	1078	123	9.88	0.69	0.073	0.039	0.003<	0.007	0.340
81 05 24 0840		.3	1	1217.0	29	8.66	0.30	0.150	0.075	0.031	0.045	1.200
81 06 21 0755		.3	1	1270	157	10.52	0.35	0.037	0.015	0.003<	0.004	0.1500
81 08 03 0950		.3	1	1392.0	38	9.04	0.27	0.260	0.036	0.003<	0.008	0.1500
81 09 05 1950		.3	1	1348	65	9.57	0.69	0.180	0.067	0.010	0.012	0.2600
81 10 04 1545		.3	1	677.0	78	9.73	0.83	0.320	0.050	0.003<	0.021	0.4400
81 11 01 0950		.3	1	1601.0	79	7.78	1.10	0.140	0.030	0.003	0.012	0.6600
81 12 06 0835		.3	1	1655.0	48	9.63	0.26	0.140	0.025	0.003<	0.001<	0.110
MAXIMUM				**1655.0**	**157**	**10.52**	**1.10**	**0.320**	**0.075**	**0.031**	**0.045**	**1.200**
ARITH MEAN				**1279**	**77**	**9.32**	**0.56**	**0.144**	**0.042**	**0.015**	**0.015**	**0.490**
GEOM MEAN				**1240**	**67**	**9.29**	**0.49**	**0.118**	**0.038**	**0.010**	**0.012**	**0.369**
MINIMUM				**677.0**	**29**	**7.78**	**0.26**	**0.037**	**0.015**	**0.003**	**0.004**	**0.110**
STD DEV (GEOM *)				**309**	**44**	**0.75**	**0.31**	**0.091**	**0.019**	**0.015**	**0.012**	**0.365**
# SAMPLES (IN STATISTICS)				**8**	**8**	**10**	**8**	**10**	**10**	**3**	**9**	**10**

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **DNSTR.FROM JUNCTION WITH WHITSON RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-006-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0477900.0 5152300.0 4** REGION: **05** DISTANCE: **127.778**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1000		.3	1	24008	4 6 8	0.0	11.0	0.020	0.008	0.230	0.460	0.004	0.221
81 03 14 0810		.3	1	24029	6 8	0.0	12.0	0.016	0.005	0.120	0.340	0.005	0.300
81 04 18 1315		.3	1	24064	3 6 9	4.0	11.00						
81 05 23 0925		.3	1	24092	6 8	16.0	11.00	0.013	0.003	0.044	0.21	0.002	0.070
81 06 19 1100		.3	1	24125	6 8	20.0	11.00	0.010	0.001<T	0.032	0.22	0.002	0.030
81 08 01 1040		.3	1	24158	6 8	20.0	12.0	0.018	0.002	0.016	0.30	0.001	0.005<T
81 09 05 0930		.3	1	24193	6 8	20.0	12.00	0.011	0.001	0.036	0.24	0.001	0.010
81 10 03 1445		.3	1	24228	6 8	5.0	11.00	0.013	0.001	0.046	0.24	0.001	0.050
81 11 01 1205		.3	1	24269	6 8	6.0	12.00	0.013	0.004	0.060	0.29	0.003	0.105
81 12 05 0840		.3	1	24288	6 8	0.0	12.00	0.011	0.002	0.044	0.27	0.002	0.145
MAXIMUM						**20.0**	**12.0**	**0.020**	**0.008**	**0.230**	**0.460**	**0.005**	**0.300**
ARITH MEAN						**13.0**	**11.5**	**0.014**	**0.003<A**	**0.070**	**0.28**	**0.002**	**0.104<A**
GEOM MEAN						**10.6**	**11.4**	**0.014**	**0.002<A**	**0.052**	**0.27**	**0.002**	**0.056<A**
MINIMUM						**4.0**	**11.0**	**0.010**	**0.001**	**0.016**	**0.21**	**0.001**	**0.005**
STD DEV (GEOM *)						**7.6**	**0.5**	**0.003**	**0.002<A**	**0.067**	**0.07**	**0.001**	**0.101<A**
# SAMPLES (IN STATISTICS)						**7**	**10**	**9**	**9**	**9**	**9**	**9**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
81 01 10 1000		.3	1		0.455	0.230	0.685	88.0	1.0		134.0	0.91	5.550
81 03 14 0810		.3	1		0.425	0.220	0.645	75.0	2.0		112.0	1.30	5.750
81 05 23 0925		.3	1	0.070	0.116	0.166	0.282		3	57	88		
81 06 19 1100		.3	1	0.030	0.064	0.188	0.252		2	68	104		
81 08 01 1040		.3	1	0.005	0.022	0.284	0.306		1.5	64	98		
81 09 05 0930		.3	1	0.010	0.047	0.204	0.251				108		
81 10 03 1445		.3	1	0.050	0.097	0.194	0.291			77	118		
81 11 01 1205		.3	1	0.110	0.168	0.230	0.398		1.6	69	106		
81 12 05 0840		.3	1	0.145	0.191	0.226	0.417		0.7	69	106		
MAXIMUM				**0.145**	**0.455**	**0.284**	**0.685**	**88.0**	**3**	**77**	**134.0**	**1.30**	**5.750**
ARITH MEAN				**0.060**	**0.176**	**0.216**	**0.392**	**81.5**	**1**	**67**	**108**	**1.10**	**5.650**
GEOM MEAN				**0.036**	**0.119**	**0.214**	**0.366**	**81.2**	**1**	**67**	**107**	**1.09**	**5.649**
MINIMUM				**0.005**	**0.022**	**0.166**	**0.251**	**75.0**	**0.7**	**57**	**88**	**0.91**	**5.550**
STD DEV (GEOM *)				**0.052**	**0.159**	**0.034**	**0.166**	**9.2**	**0**	**7**	**12**	**0.28**	**0.141**
# SAMPLES (IN STATISTICS)				**7**	**9**	**9**	**9**	**2**	**7**	**6**	**9**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 10 1000		.3	1			7.22							
81 03 14 0810		.3	1			7.03							
81 05 23 0925		.3	1	19.0	18	7.54	0.17	0.001<	0.067	0.004	0.003<	0.006	0.044
81 06 19 1100		.3	1	24.0	22	7.40	0.14	0.001<	0.047	0.005	0.003<	0.007	0.028
81 08 01 1040		.3	1	19.0	22	7.50	0.13	0.001<	0.034	0.004	0.005	0.004	0.042
81 09 05 0930		.3	1	20.5	25	7.43	0.06	0.001<	0.190	0.007	0.003<	0.010	0.036
81 10 03 1445		.3	1	26.5	22	7.30	0.13	0.001<	0.054	0.003	0.003<	0.003	0.036
81 11 01 1205		.3	1	25.0	16	7.19	0.21	0.001<	0.050	0.008	0.006	0.008	0.030
81 12 05 0840		.3	1	24.5	20	7.50	0.19	0.001<	0.042	0.007	0.003<	0.007	0.032
MAXIMUM				**26.5**	**25**	**7.54**	**0.21**		**0.190**	**0.008**	**0.006**	**0.010**	**0.044**
ARITH MEAN				**22.6**	**21**	**7.35**	**0.15**		**0.069**	**0.005**	**0.005**	**0.008**	**0.035**
GEOM MEAN				**22.5**	**21**	**7.34**	**0.14**		**0.058**	**0.005**	**0.005**	**0.006**	**0.035**
MINIMUM				**19.0**	**16**	**7.03**	**0.06**		**0.034**	**0.003**	**0.005**	**0.003**	**0.028**
STD DEV (GEOM *)				**3.1**	**3**	**0.17**	**0.05**		**0.054**	**0.002**	**0.001**	**0.002**	**0.006**
# SAMPLES (IN STATISTICS)				**7**	**7**	**9**	**7**		**7**	**7**	**2**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NIUT NICKEL UNF.TOT. MG/L AS NI
81 05 23 0925		.3	1	0.026
81 06 19 1100		.3	1	0.0380
81 08 01 1040		.3	1	0.0260
81 09 05 0930		.3	1	0.0050
81 10 03 1445		.3	1	0.0530
81 11 01 1205		.3	1	0.1000
81 12 05 0840		.3	1	0.0690
MAXIMUM				**0.1000**
ARITH MEAN				**0.045**
GEOM MEAN				**0.033**
MINIMUM				**0.0050**
STD DEV (GEOM *)				**0.031**
# SAMPLES (IN STATISTICS)				**7**

B.O.W./ SITE: **WHITSON RIVER**
SAMPLE POINT: **AT BRIDGE IN CHELMSFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-008-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0484700.0 5158600.0 4** REGION: **05** DISTANCE: **139.204**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 01 10 0930		.3	1	24007	4 6 8	0.0	11.0		0.060	0.005	0.150	1.020	0.011
81 03 14 0745		.3	1	24028	6 8	0.0	10.0		0.019	0.007	0.116	0.520	0.019
81 04 18 1130		.3	1	24062	3 6 9	4.0	10.00	0.4	0.022	0.006	0.010	0.47	0.019
81 05 23 0820		.3	1	24090	6 8	16.0	10.00	0.4	0.016	0.002	0.006	0.31	0.021
81 06 19 1000		.3	1	24123	6 8	20.0	10.00	0.4	0.015	0.001	0.006	0.36	0.001
81 08 01 0930		.3	1	24156	6 8	21.0	10.00	0.4	0.011	0.002	0.002	0.23	0.001
81 09 05 0815		.3	1	24191	6 8	20.0	10.00	0.4	0.028	0.003	0.024	0.28	0.007
81 10 03 1610		.3	1	24230	6 8	5.0	10.00	0.6	0.215	0.175	0.014	0.35	0.007
81 11 01 1130		.3	1	24268	6 8	6.0	10.00	1.0U	0.010	0.003	0.034	0.60	0.055
81 12 05 0815		.3	1	24287	6 8	0.0	10.00	0.2<T	0.148	0.130	0.052	0.35	0.011
MAXIMUM						**21.0**	**11.0**	**1.0**	**0.215**	**0.175**	**0.150**	**1.020**	**0.055**
ARITH MEAN						**13.1**	**10.1**	**0.5<A**	**0.054**	**0.033**	**0.041**	**0.44**	**0.015**
GEOM MEAN						**10.7**	**10.1**	**0.4<A**	**0.030**	**0.007**	**0.019**	**0.40**	**0.009**
MINIMUM						**4.0**	**10.0**	**0.2**	**0.010**	**0.001**	**0.002**	**0.23**	**0.001**
STD DEV (GEOM *)						**7.8**	**0.3**	**0.2<A**	**0.070**	**0.064**	**0.051**	**0.23**	**0.016**
# SAMPLES (IN STATISTICS)						**7**	**10**	**8**	**10**	**10**	**10**	**10**	**10**

(CONTD)

B.O.W./ SITE: **WHITSON RIVER**
SAMPLE POINT: **AT BRIDGE IN CHELMSFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-008-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0484700.0 5158600.0 4** REGION: **05** DISTANCE: **139.204**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 01 10 0930		.3	1	0.464		0.625	0.870	1.495	224.0	3.0		340.0	2.40
81 03 14 0745		.3	1	0.271		0.406	0.404	0.810	158.0	2.0		240.0	2.30
81 04 18 1130		.3	1	0.170	0.190	0.199	0.460	0.659		15	152	235	
81 05 23 0820		.3	1	0.225	0.225	0.252	0.304	0.556		5	188	290	
81 06 19 1000		.3	1	0.310	0.310	0.317	0.354	0.671		3	195	300	
81 08 01 0930		.3	1	0.065	0.065	0.068	0.228	0.296		2.5	169	260	
81 09 05 0815		.3	1	0.270	0.275	0.301	0.256	0.557				290	
81 10 03 1610		.3	1	0.215	0.220	0.236	0.336	0.572			182	280	
81 11 01 1130		.3	1	0.135	0.190	0.224	0.566	0.790		1.8	143	220	
81 12 05 0815		.3	1	0.295	0.305	0.358	0.298	0.656		5.2	179	275	
	MAXIMUM			**0.464**	**0.310**	**0.625**	**0.870**	**1.495**	**224.0**	**15**	**195**	**340.0**	**2.40**
	ARITH MEAN			**0.242**	**0.222**	**0.299**	**0.408**	**0.706**	**191.0**	**4**	**173**	**273**	**2.35**
	GEOM MEAN			**0.216**	**0.204**	**0.263**	**0.377**	**0.655**	**188.1**	**3**	**172**	**270**	**2.35**
	MINIMUM			**0.065**	**0.065**	**0.068**	**0.228**	**0.296**	**158.0**	**1.8**	**143**	**220**	**2.30**
	STD DEV (GEOM *)			**0.109**	**0.079**	**0.148**	**0.191**	**0.312**	**46.7**	**4**	**19**	**35**	**0.07**
	# SAMPLES (IN STATISTICS)			**10**	**8**	**10**	**10**	**10**	**2**	**8**	**7**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*CLIDUR*	*ALKT*	*PH*	*FEUT*	*NAUR*	*COD*
81 01 10 0930		.3	1	21.000		7.48			
81 03 14 0745		.3	1	17.500		7.68			
81 04 18 1130		.3	1		46	8.60	0.57	7.4	38
81 05 23 0820		.3	1		85	8.05	0.76	10.2	32
81 06 19 1000		.3	1		99	8.03	0.71	9.6	14
81 08 01 0930		.3	1		64	7.82	0.30	10.4	16
81 09 05 0815		.3	1		80	7.75	0.52	10.2	10
81 10 03 1610		.3	1		82	8.00	0.83	8.5	28
81 11 01 1130		.3	1		59	7.61	0.44	8.5	14
81 12 05 0815		.3	1			8.14	0.70		
	MAXIMUM			**21.000**	**99**	**8.60**	**0.83**	**10.4**	**38**
	ARITH MEAN			**19.250**	**74**	**7.92**	**0.60**	**9.3**	**22**
	GEOM MEAN			**19.170**	**72**	**7.91**	**0.58**	**9.2**	**19**
	MINIMUM			**17.500**	**46**	**7.48**	**0.30**	**7.4**	**10**
	STD DEV (GEOM *)			**2.475**	**18**	**0.32**	**0.18**	**1.1**	**11**
	# SAMPLES (IN STATISTICS)			**2**	**7**	**10**	**8**	**7**	**7**

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **AT FOOT OF BASS LAKE UPSTR.FROM CAPREOL**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF100**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-010-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0503750.0 5173200.0 4** REGION: **05** DISTANCE: **221.440**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1325		.3	1	24015	4 6 8	0.0	13.0	0.048	0.028	0.064	0.270	0.002	0.148
81 03 14 1140		.3	1	24036	6 8	0.0	13.0	0.004	0.007	0.056	0.230	0.002	0.203
81 04 18 1730		.3	1	24073	3 6 8	4.0	12.00	0.007	0.001	0.018	0.20		
81 05 23 1400		.3	1	24101	6 8	15.0	12.00	0.005	0.001<T	0.018	0.18		
81 06 20 1515		.3	1	24134	6 8	20.0	11.00	0.008	0.001<T	0.014	0.19		
81 08 03 1330		.3	1	24182	6 8	21.0	12.0	0.008	0.001	0.016	0.19		
81 09 05 1400		.3	1	24202		19.0	12.00	0.018	0.003	0.030	0.18		
81 10 04 0910		.3	1	24233	6 8	5.0	13.00	0.182	0.160	0.014	0.21		
81 11 01 1710		.3	1	24279	6 8	6.0	12.00	0.012	0.001	0.016	0.18		
81 12 05 1400		.3	1	24298	6 8	0.0	13.00	0.007	0.001<T	0.012	0.18		
	MAXIMUM					**21.0**	**13.0**	**0.182**	**0.160**	**0.064**	**0.270**	**0.002**	**0.203**
	ARITH MEAN					**12.9**	**12.3**	**0.030**	**0.020<A**	**0.026**	**0.20**	**0.002**	**0.175**
	GEOM MEAN					**10.5**	**12.2**	**0.013**	**0.003<A**	**0.021**	**0.19**	**0.002**	**0.173**
	MINIMUM					**4.0**	**11.00**	**0.004**	**0.001**	**0.012**	**0.18**	**0.002**	**0.148**
	STD DEV (GEOM *)					**7.6**	**0.6**	**0.055**	**0.050<A**	**0.019**	**0.02**	**0.000**	**0.039**
	# SAMPLES (IN STATISTICS)					**7**	**10**	**10**	**10**	**10**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*
81 01 10 1325		.3	1	0.214	0.206	0.420	52.0	1.0		78.0	0.78	1.600	
81 03 14 1140		.3	1	0.261	0.174	0.435	45.0	2.0	43.000	66.0	0.79	1.200	
81 04 18 1730		.3	1		0.182			2		50	0.85	0.65	13
81 05 23 1400		.3	1		0.162			2		78	0.80	4.25	17
81 06 20 1515		.3	1		0.176			1 <T		68	0.87	1.10	20
81 08 03 1330		.3	1		0.174			4.4		90	0.56	3.95	25
81 09 05 1400		.3	1		0.150			1.7		102	0.35	5.80	25
81 10 04 0910		.3	1		0.196					100	1.01	5.65	22
81 11 01 1710		.3	1		0.164			0.7		72	0.97	2.80	16
81 12 05 1400		.3	1		0.168			0.7		68	0.92	1.10	16
	MAXIMUM			**0.261**	**0.206**	**0.435**	**52.0**	**4.4**	**43.000**	**102**	**1.01**	**5.80**	**25**
	ARITH MEAN			**0.237**	**0.175**	**0.427**	**48.5**	**1 <A**	**43.000**	**77**	**0.79**	**2.81**	**19**
	GEOM MEAN			**0.236**	**0.175**	**0.427**	**48.4**	**1 <A**		**75**	**0.76**	**2.17**	**19**
	MINIMUM			**0.214**	**0.150**	**0.420**	**45.0**	**0.7**	**43.000**	**50**	**0.35**	**0.65**	**13**
	STD DEV (GEOM *)			**0.033**	**0.016**	**0.011**	**4.9**	**1 <A**		**16**	**0.20**	**1.97**	**4**
	# SAMPLES (IN STATISTICS)			**2**	**10**	**2**	**2**	**9**	**1**	**10**	**10**	**10**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOL	FEUT	HARDT	CAUR	MGUR	ASUT	ALUT	CUUT	PBUT
TEST-NAME:				PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 10 1325	.3	1	7.14								0.009	0.003<
81 03 14 1140	.3	1	6.80							0.061		0.001	0.003<
81 04 18 1730	.3	1		1<T	0.16	17	5.0	1.20	0.001<			0.001	0.003<
81 05 23 1400	.3	1		1<T	0.16	26	7.4	1.85	0.001<			0.002	0.003<
81 06 20 1515	.3	1		1<T	0.14	25	7.0	1.75	0.001<			0.021	0.003<
81 08 03 1330	.3	1		1	0.21	31	9.0	2.15	0.001<			0.004	0.004
81 09 05 1400	.3	1		1	0.15	34	9.8	2.30	0.001			0.001	0.003<
81 10 04 0910	.3	1		1<T	0.24	34	10.0	2.30	0.001<			0.001	0.003<
81 11 01 1710	.3	1		1<T	0.24	24	6.6	1.85	0.001<			0.007	0.003<
81 12 05 1400	.3	1		1<T	0.16	24	7.2	1.55	0.001<			0.001	0.003<
MAXIMUM				**7.14**	**1**	**0.24**	**34**	**10.0**	**2.30**	**0.001**	**0.061**	**0.021**	**0.004**
ARITH MEAN				**6.97**	**1<A**	**0.18**	**27**	**7.7**	**1.87**	**0.001**	**0.061**	**0.005**	**0.004**
GEOM MEAN				**6.97**	**1<A**	**0.18**	**26**	**7.6**	**1.83**			**0.003**	
MINIMUM				**6.80**	**1**	**0.14**	**17**	**5.0**	**1.20**	**0.001**	**0.061**	**0.001**	**0.004**
STD DEV (GEOM *)				**0.24**	**0<A**	**0.04**	**6**	**1.7**	**0.38**			**0.006**	
# SAMPLES (IN STATISTICS)				**2**	**8**	**8**	**8**	**8**	**8**	**1**	**1**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT	NIUT
TEST-NAME:				ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 10 1325	.3	1		0.022	0.190
81 03 14 1140	.3	1		0.012	0.005
81 04 18 1730	.3	1		0.009	0.003
81 05 23 1400	.3	1		0.008	0.003
81 06 20 1515	.3	1		0.011	0.0020
81 08 03 1330	.3	1		0.006	0.0080
81 09 05 1400	.3	1		0.008	0.0030
81 10 04 0910	.3	1		0.008	0.0040
81 11 01 1710	.3	1		0.009	0.005
81 12 05 1400	.3	1		0.003	0.0020<
MAXIMUM				**0.022**	**0.190**
ARITH MEAN				**0.010**	**0.024**
GEOM MEAN				**0.009**	**0.005**
MINIMUM				**0.003**	**0.0020**
STD DEV (GEOM *)				**0.005**	**0.062**
# SAMPLES (IN STATISTICS)				**10**	**9**

B.O.W./ SITE: **ONAPING RIVER**
SAMPLE POINT: **1 MILES UPSTREAM FROM HIGH FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-012-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0470800.0 5161100.0 4** REGION: **05** DISTANCE: **171.873**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FWTEMP	DO	PPUT	PPO4FR
TEST-NAME:				SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
81 01 10 1100	.3	1		24010	4 6 8	2.920				0.0	12.0	0.008	0.001
81 03 14 0910	.3	1		24031	6 8	5.100				0.0	12.0	0.015	0.001<
81 04 18 1420	.3	1		24066	3 6 9	45.400	4<	4<	4<	4.0	11.00	0.013	0.001<W
81 05 23 1030	.3	1		24094	6 8	7.960				16.0	12.00	0.013	0.013
81 06 20 1145	.3	1		24127	6 8	6.810				19.0	11.00	0.020	0.001<T
81 08 01 1140	.3	1		24160	6 8	2.750	24000	260000	4<	20.0	12.00	0.015	0.004
81 09 05 1035	.3	1		24195	6 8	2.210	11000	220000	4<	19.0	12.00	0.066	0.037
81 10 03 1340	.3	1		24226	6 8	2.780	200A	90000	4<	5.0	11.00	0.020	0.007
81 11 01 1340	.3	1		24272	6 8	9.780				6.0	11.00	0.012	0.002
81 12 05 1010	.3	1		24291	6 8	6.200				0.0	12.00	0.013	0.002
MAXIMUM						**45.400**	**24000**	**260000**		**20.0**	**12.0**	**0.066**	**0.037**
ARITH MEAN						**9.191**	**11733**	**190000**		**12.7**	**11.6**	**0.019**	**0.008<A**
GEOM MEAN						**5.721**	**3752**	**172668**		**10.5**	**11.5**	**0.016**	**0.003<A**
MINIMUM						**2.210**	**200**	**90000**		**4.0**	**11.00**	**0.008**	**0.001**
STD DEV (GEOM *)						**12.974**	**13***	**2***		**7.3**	**0.5**	**0.017**	**0.012<A**
# SAMPLES (IN STATISTICS)						**10**	**3**	**3**		**7**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP
TEST-NAME:				NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL_TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L
81 01 10 1100	.3	1		0.048	0.210	0.003	0.132		0.183	0.162	0.345	54.0	3.0
81 03 14 0910	.3	1		0.156	0.380	0.010	0.315		0.481	0.224	0.705	178.0	2.0
81 04 18 1420	.3	1		0.044	0.28	0.003	0.115	0.120	0.162	0.236	0.398		15
81 05 23 1030	.3	1		0.030	0.16	0.001	0.050	0.050	0.081	0.130	0.211		1 <W
81 06 20 1145	.3	1		0.016	0.28	0.004	0.115	0.120	0.135	0.264	0.399		1
81 08 01 1140	.3	1		0.008	0.21	0.001	0.015	0.015	0.024	0.202	0.226		0.9
81 09 05 1035	.3	1		0.044	0.23	0.003	0.285	0.290	0.332	0.186	0.518		1.7
81 10 03 1340	.3	1		0.050	0.24	0.007	0.285	0.290	0.342	0.190	0.532		
81 11 01 1340	.3	1		0.044	0.25	0.004	0.105	0.110	0.153	0.206	0.359		0.7
81 12 05 1010	.3	1		0.058	0.26	0.004	0.215	0.220	0.277	0.202	0.479		0.7
MAXIMUM				**0.156**	**0.380**	**0.010**	**0.315**	**0.290**	**0.481**	**0.264**	**0.705**	**178.0**	**15**
ARITH MEAN				**0.050**	**0.25**	**0.004**	**0.163**	**0.152**	**0.217**	**0.200**	**0.417**	**116.0**	**2 <A**
GEOM MEAN				**0.038**	**0.24**	**0.003**	**0.122**	**0.110**	**0.168**	**0.197**	**0.393**	**98.0**	**1 <A**
MINIMUM				**0.008**	**0.16**	**0.001**	**0.015**	**0.015**	**0.024**	**0.130**	**0.211**	**54.0**	**0.7**
STD DEV (GEOM *)				**0.040**	**0.05**	**0.003**	**0.105**	**0.104**	**0.139**	**0.037**	**0.148**	**87.7**	**4 <A**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**8**	**10**	**10**	**10**	**2**	**9**

(CONTD)

B.O.W./ SITE: **ONAPING RIVER**
SAMPLE POINT: **1 MILES UPSTREAM FROM HIGH FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-012-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0470800.0 5161100.0 4** REGION: **05** DISTANCE: **171.873**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 10 1100	.3	1		78.0	0.86	1.750				6.67			0.001<
81 03 14 0910	.3	1	176.000	270.0	1.20	39.000				6.95			0.001<
81 04 18 1420	.3	1	78	120	1.60	13.50	29.0	6		7.41	1<T	0.37	0.001<
81 05 23 1030	.3	1	66	102	0.85	4.45	28.5	8		7.15	1<T	0.16	0.001<
81 06 20 1145	.3	1	111	170	1.00	9.35	49.0	12		7.09	1<T	0.32	0.001<
81 08 01 1140	.3	1	62	96	0.69	5.00	23.5	11		7.38	1	0.23	0.001<
81 09 05 1035	.3	1	112	173	0.90	11.50	45.0	13		7.28	1	0.24	0.001<
81 10 03 1340	.3	1	156	240	0.81	15.50	68.0	10		7.02	1<T	0.24	0.001<
81 11 01 1340	.3	1	86	132	0.58	7.30	38.0	8		6.96	1	0.16	0.001<
81 12 05 1010	.3	1	92	142	1.23	10.50	37.5			7.23	1<T	0.26	0.001<
MAXIMUM			**176.000**	**270.0**	**1.60**	**39.000**	**68.0**	**13**		**7.41**	**1**	**0.37**	
ARITH MEAN			**104**	**152**	**0.97**	**11.78**	**39.8**	**10**		**7.11**	**1<A**	**0.25**	
GEOM MEAN			**98**	**141**	**0.93**	**8.74**	**37.8**	**9**		**7.11**	**1<A**	**0.24**	
MINIMUM			**62**	**78.0**	**0.58**	**1.750**	**23.5**	**6**		**6.67**	**1**	**0.16**	
STD DEV (GEOM *)			**39**	**62**	**0.30**	**10.46**	**14.3**	**2**		**0.23**	**0<A**	**0.07**	
# SAMPLES (IN STATISTICS)			**9**	**10**	**10**	**10**	**8**	**7**		**10**	**8**	**8**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 10 1100	.3	1		0.110		0.005	0.003<		0.009		0.009	
81 03 14 0910	.3	1		0.099	0.002<	0.016	0.005	0.0003	0.017		0.230	0.007
81 04 18 1420	.3	1		0.180		0.015	0.003<		0.016	0.094	0.120	
81 05 23 1030	.3	1		0.088		0.009	0.005		0.005	0.046	0.082	
81 06 20 1145	.3	1		0.053		0.012	0.003<		0.007	0.066	0.1500	
81 08 01 1140	.3	1		0.055		0.010	0.006		0.004	0.046	0.1100	
81 09 05 1035	.3	1		0.120		0.029	0.003<		0.022	0.078	0.3600	
81 10 03 1340	.3	1		0.170		0.039	0.003<		0.024	0.092	0.4500	
81 11 01 1340	.3	1		0.054		0.011	0.006		0.017	0.040	0.2000	
81 12 05 1010	.3	1		0.070		0.013	0.003<		0.012	0.056	0.1300	
MAXIMUM				**0.180**		**0.039**	**0.006**	**0.0003**	**0.024**	**0.094**	**0.4500**	**0.007**
ARITH MEAN				**0.100**		**0.016**	**0.005**	**0.0003**	**0.013**	**0.065**	**0.184**	**0.007**
GEOM MEAN				**0.091**		**0.014**	**0.005**		**0.011**	**0.062**	**0.130**	
MINIMUM				**0.053**		**0.005**	**0.005**	**0.0003**	**0.004**	**0.040**	**0.009**	**0.007**
STD DEV (GEOM *)				**0.046**		**0.010**	**0.001**		**0.007**	**0.021**	**0.132**	
# SAMPLES (IN STATISTICS)				**10**		**10**	**4**	**1**	**10**	**8**	**10**	**1**

B.O.W./ SITE: **ONAPING RIVER**
SAMPLE POINT: **UPSTREAM FROM LEVACK SEPTIC TANK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-013-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0469400.0 5165450.0 4** REGION: **05** DISTANCE: **177.345**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 10 1130	.3	1	24011	4 6 8	0.0	12.0	0.010	0.003	0.056	0.250	0.004	0.131	
81 03 14 0945	.3	1	24032	6 8	0.0	12.0	0.005	0.004	0.064	0.240	0.002	0.173	
81 04 18 1535	.3	1	24069	3 6 8	4.0	12.00	0.012	0.002	0.032	0.25			
81 05 23 1140	.3	1	24097	6 8	16.0	12.00	0.005	0.001<T	0.012	0.20			
81 06 20 1315	.3	1	24130	6 8	19.0	11.00	0.013	0.002	0.012	0.23			
81 08 01 1330	.3	1	24163	6 8	20.0	12.00	0.010	0.002	0.004	0.19			
81 09 05 1200	.3	1	24198	6 8	19.0	11.00	0.018	0.001<T	0.014	0.20			
81 10 03 1230	.3	1	24224	6 8	5.0	10.00	0.119	0.097	0.022	0.20			
81 11 01 1515	.3	1	24275	6 8	6.0	12.00	0.008	0.001<T	0.014	0.23			
81 12 05 1145	.3	1	24294	6 8	0.0	12.00	0.006	0.001<T	0.010	0.21			
MAXIMUM					**20.0**	**12.0**	**0.119**	**0.097**	**0.064**	**0.250**	**0.004**	**0.173**	
ARITH MEAN					**12.7**	**11.6**	**0.021**	**0.011<A**	**0.024**	**0.22**	**0.003**	**0.152**	
GEOM MEAN					**10.5**	**11.5**	**0.011**	**0.002<A**	**0.018**	**0.21**	**0.003**	**0.151**	
MINIMUM					**4.0**	**10.00**	**0.005**	**0.001**	**0.004**	**0.19**	**0.002**	**0.131**	
STD DEV (GEOM *)					**7.3**	**0.7**	**0.035**	**0.030<A**	**0.020**	**0.02**	**0.001**	**0.030**	
# SAMPLES (IN STATISTICS)					**7**	**10**	**10**	**10**	**10**	**10**	**2**	**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3
81 01 10 1130	.3	1	0.191	0.194	0.385	59.0	11.0			74.0	1.20	1.500	
81 03 14 0945	.3	1	0.239	0.176	0.415	43.0	0.3	43.000		66.0	0.77	1.450	
81 04 18 1535	.3	1		0.218			1			150	0.85	0.45	7
81 05 23 1140	.3	1		0.188			1			60	0.80	0.60	9
81 06 20 1315	.3	1		0.218			1			55	1.80	0.65	10
81 08 01 1330	.3	1		0.186			0.5			220	0.76	1.20	11
81 09 05 1200	.3	1		0.186			7.7			71	1.40	1.30	15
81 10 03 1230	.3	1		0.178						60	0.46	1.05	11
81 11 01 1515	.3	1		0.216			0.3			52	0.62	0.90	9
81 12 05 1145	.3	1		0.200			0.2			68	0.70	1.30	8
MAXIMUM			**0.239**	**0.218**	**0.415**	**59.0**	**11.0**	**43.000**		**220**	**1.80**	**1.500**	**15**
ARITH MEAN			**0.215**	**0.196**	**0.400**	**51.0**	**2**	**43.000**		**87**	**0.94**	**1.04**	**10**
GEOM MEAN			**0.214**	**0.195**	**0.400**	**50.4**	**1**			**77**	**0.87**	**0.96**	**10**
MINIMUM			**0.191**	**0.176**	**0.385**	**43.0**	**0.2**	**43.000**		**52**	**0.46**	**0.45**	**7**
STD DEV (GEOM *)			**0.034**	**0.016**	**0.021**	**11.3**	**4**			**54**	**0.41**	**0.37**	**2**
# SAMPLES (IN STATISTICS)			**2**	**10**	**2**	**2**	**9**	**1**		**10**	**10**	**10**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHNOL	FEUT	HARDT	CAUR	MGUR	ASUT	ALUT	CUUT	PBUT
TEST-NAME:				PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 10 1130		.3	1	6.56						0.001<	0.200	0.003	0.003<
81 03 14 0945		.3	1	6.92								0.001	0.003<
81 04 18 1535		.3	1		1<T	0.20	13	3.8	0.90	0.001<		0.001<	0.003<
81 05 23 1140		.3	1		1<T	0.14	17	4.6	1.30	0.001<		0.001<	0.003<
81 06 20 1315		.3	1		1<T	0.38	17	4.8	1.30	0.001<		0.006	0.003<
81 08 01 1330		.3	1		1<T	0.220	21	5.8	1.55	0.001<		0.003	0.008
81 09 05 1200		.3	1			0.33	24	6.6	1.80	0.001<		0.021	0.003
81 10 03 1230		.3	1			0.17	22	6.2	1.60	0.001<		0.003	0.003<
81 11 01 1515		.3	1			0.17	17	4.6	1.35	0.001<		0.010	0.003
81 12 05 1145		.3	1			0.16	22	6.6	1.45	0.001<		0.005	0.003<
	MAXIMUM			**6.92**	**1**	**0.38**	**24**	**6.6**	**1.80**		**0.200**	**0.021**	**0.008**
	ARITH MEAN			**6.74**	**1<A**	**0.22**	**19**	**5.4**	**1.41**		**0.200**	**0.006**	**0.005**
	GEOM MEAN			**6.74**	**1<A**	**0.20**	**19**	**5.3**	**1.38**			**0.005**	**0.004**
	MINIMUM			**6.56**	**1**	**0.14**	**13**	**3.8**	**0.90**		**0.200**	**0.001**	**0.003**
	STD DEV (GEOM *)			**0.25**	**0<A**	**0.08**	**4**	**1.1**	**0.27**			**0.006**	**0.003**
	# SAMPLES (IN STATISTICS)			**2**	**4**	**8**	**8**	**8**	**8**		**1**	**8**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT	NIUT
TEST-NAME:				ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 10 1130		.3	1	0.013	0.009
81 03 14 0945		.3	1	0.012	0.005
81 04 18 1535		.3	1	0.010	0.003
81 05 23 1140		.3	1	0.007	0.002 <
81 06 20 1315		.3	1	0.009	0.0100
81 08 01 1330		.3	1	0.007	0.0430
81 09 05 1200		.3	1	0.015	0.3500
81 10 03 1230		.3	1	0.012	0.0280
81 11 01 1515		.3	1	0.008	0.1700
81 12 05 1145		.3	1	0.012	0.0510
	MAXIMUM			**0.015**	**0.3500**
	ARITH MEAN			**0.010**	**0.074**
	GEOM MEAN			**0.010**	**0.025**
	MINIMUM			**0.007**	**0.003**
	STD DEV (GEOM *)			**0.003**	**0.115**
	# SAMPLES (IN STATISTICS)			**10**	**9**

B.O.W./ SITE: **MOOSE CREEK**
SAMPLE POINT: **AT MOOSE LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-015-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0473250.0 5165550.0 4** REGION: **05** DISTANCE: **181.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE	STREAM	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
TEST-NAME:				SAMPLE NUMBER	FWSTRC STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
81 04 18 1450		.3	1	24067	3 6 8	4.0	11.00	0.008	0.002	0.780	1.01	0.023	0.785
81 05 23 1050		.3	1	24095	6 8	16.0	10.00	0.013	0.001<T	0.730	0.90	0.006	0.140
81 06 20 1220		.3	1	24128	6 8	19.0	10.0	0.015	0.001<T	0.120	0.88	0.002	0.145
81 08 01 1210		.3	1	24161	6 8	20.0	11.00	0.005	0.001<T	0.640	0.89	0.002	0.070
81 09 05 1105		.3	1	24196	6 8	20.0	11.00	0.015	0.001<T	0.710	0.90	0.002	0.125
81 10 03 1125		.3	1	24222	6 8	5.0	10.00	0.062	0.001	0.830	1.00	0.007	0.185
81 11 01 1415		.3	1	24273	6 8	6.0	10.00	0.006	0.001	0.910	1.12	0.002	0.300
81 12 05 1045		.3	1	24292	6 8	0.0	11.00	0.035	0.023	1.000	1.15	0.002	0.475
	MAXIMUM					**20.0**	**11.00**	**0.062**	**0.023**	**1.000**	**1.15**	**0.023**	**0.785**
	ARITH MEAN					**12.9**	**10.5**	**0.020**	**0.004<A**	**0.715**	**0.98**	**0.008**	**0.278**
	GEOM MEAN					**10.6**	**10.4**	**0.014**	**0.002<A**	**0.626**	**0.98**	**0.004**	**0.209**
	MINIMUM					**4.0**	**10.00**	**0.005**	**0.001**	**0.120**	**0.88**	**0.002**	**0.070**
	STD DEV (GEOM *)					**7.5**	**0.5**	**0.019**	**0.008<A**	**0.266**	**0.11**	**0.007**	**0.242**
	# SAMPLES (IN STATISTICS)					**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	SSO4UR	ALKT	PH
TEST-NAME:				NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
81 04 18 1450		.3	1	0.810	1.588	0.230	1.818	4	682	980	250.0	95	4.09
81 05 23 1050		.3	1	0.145	0.876	0.170	1.046	2	895	1150	5.0	8	6.94
81 06 20 1220		.3	1	0.145	0.267	0.760	1.027	3	1049	1280	533	16	7.33
81 08 01 1210		.3	1	0.070	0.712	0.250	0.962	1.8	960	1360	554.0	18	7.24
81 09 05 1105		.3	1	0.125	0.837	0.190	1.027	3.6	1052	1340	530.0	21	7.27
81 10 03 1125		.3	1	0.190	1.022	0.170	1.192			1320	561.0	20	7.39
81 11 01 1415		.3	1	0.300	1.212	0.210	1.422	0.7	1096	1340	600.0	25	7.49
81 12 05 1045		.3	1	0.475	1.477	0.150	1.627	0.7	1008	1400	618.0	27	7.60
	MAXIMUM			**0.810**	**1.588**	**0.760**	**1.818**	**4**	**1096**	**1400**	**618.0**	**95**	**7.60**
	ARITH MEAN			**0.282**	**0.999**	**0.266**	**1.265**	**2**	**963**	**1271**	**456**	**29**	**6.92**
	GEOM MEAN			**0.212**	**0.893**	**0.229**	**1.232**	**1**	**953**	**1264**	**282**	**22**	**6.81**
	MINIMUM			**0.070**	**0.267**	**0.150**	**0.962**	**0.7**	**682**	**980**	**5.0**	**8**	**4.09**
	STD DEV (GEOM *)			**0.248**	**0.428**	**0.202**	**0.321**	**1**	**141**	**139**	**215**	**27**	**1.16**
	# SAMPLES (IN STATISTICS)			**8**	**8**	**8**	**8**	**7**	**7**	**8**	**8**	**8**	**8**

(CONTD)

B.O.W./ SITE: **MOOSE CREEK**
SAMPLE POINT: **AT MOOSE LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-015-02**
STORET CODE: **02 002 7950**

LAT. LONG. U T M: **17 0473250.0 5165550.0 4** REGION: **05** DISTANCE: **181.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT
81 04 18 1450		.3	1	1.15	0.001<	6.100	1.000	0.003<	0.310	1.34	10.000
81 05 23 1050		.3	1	0.42	0.001<	0.041	0.001<	0.003<	0.012	0.490	0.520
81 06 20 1220		.3	1	0.26	0.001<	0.056	0.008	0.003<	0.010	0.400	0.6000
81 08 01 1210		.3	1	0.18	0.001<	0.089	0.012	0.003	0.010	0.062	0.2200
81 09 05 1105		.3	1	0.19	0.001<	0.038	0.005	0.003<	0.009	0.122	0.0270
81 10 03 1125		.3	1	0.13	0.001<	0.002<	0.004	0.003<	0.007	0.142	0.3400
81 11 01 1415		.3	1	0.14	0.001<	0.049	0.011	0.010	0.006	0.330	0.4200
81 12 05 1045		.3	1	0.17	0.001<	0.024	0.038	0.003<	0.012	0.420	0.6800
	MAXIMUM			**1.15**		**6.100**	**1.000**	**0.010**	**0.310**	**1.34**	**10.000**
	ARITH MEAN			**0.33**		**0.914**	**0.154**	**0.006**	**0.047**	**0.41**	**1.600**
	GEOM MEAN			**0.25**		**0.092**	**0.019**	**0.005**	**0.014**	**0.28**	**0.453**
	MINIMUM			**0.13**		**0.024**	**0.004**	**0.003**	**0.006**	**0.062**	**0.0270**
	STD DEV (GEOM *)			**0.34**		**2.287**	**0.373**	**0.005**	**0.106**	**0.40**	**3.400**
	# SAMPLES (IN STATISTICS)			**8**		**7**	**7**	**2**	**8**	**8**	**8**

B.O.W./ SITE: **MOOSE CREEK**
SAMPLE POINT: **DOWNSTREAM OF LEVACK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-018-02**
STORET CODE: **02 002 7950**

LAT. LONG. U T M: **17 0470050.0 5164500.0 4** REGION: **05** DISTANCE: **176.540**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 01 10 1200		.3	1	24012	4 6 8	0.0	8.0	0.048	0.001<	2.030	2.500	0.500	1.250
81 03 14 1015		.3	1	24033	6 8	0.0	7.0	0.005	0.001<	1.260	1.460	0.160	0.730
81 04 18 1550		.3	1	24070	3 6 9	5.0	8.00	0.042	0.001<W	0.670	0.82	0.038	0.350
81 05 23 1210		.3	1	24098	6 8 9	16.0	7.00	0.010	0.001<T	0.540	0.76	0.011	0.310
81 06 20 1340		.3	1	24931	6 8 9	21.0	6.00	0.020	0.001	0.540	0.65	0.068	0.517
81 08 01 1400		.3	1	24164	6 8 9	22.0	7.00	0.002	0.001	0.370	0.46	0.001<T	0.430
81 09 05 1225		.3	1	24199	6 8 9	21.0	7.00	0.007	0.001<T	0.710	0.91	0.155	1.64
81 10 03 1300		.3	1	24225		6.0	8.00	0.006	0.001<T	0.810	0.99	0.095	1.000
81 11 01 1540		.3	1	24276	6 8 9	6.0	7.00	0.018	0.001<T	0.850	0.98	0.064	0.715
81 12 05 1210		.3	1	24295	6 8 9	1.0	8.00	0.008	0.002	1.240	1.40	0.125	1.170
	MAXIMUM					**22.0**	**8.0**	**0.048**	**0.002**	**2.030**	**2.500**	**0.500**	**1.64**
	ARITH MEAN					**12.2**	**7.3**	**0.017**	**0.001<A**	**0.902**	**1.09**	**0.122<A**	**0.81**
	GEOM MEAN					**8.5**	**7.2**	**0.011**	**0.001<A**	**0.803**	**0.98**	**0.055<A**	**0.70**
	MINIMUM					**1.0**	**6.00**	**0.002**	**0.001**	**0.370**	**0.46**	**0.001**	**0.310**
	STD DEV (GEOM *)					**8.6**	**0.6**	**0.016**	**0.000<A**	**0.490**	**0.58**	**0.144<A**	**0.44**
	# SAMPLES (IN STATISTICS)					**8**	**10**	**10**	**8**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
	TEST-NAME:			NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
81 01 10 1200		.3	1		3.780	0.470	4.250	1189.0	60.0		1420.0	15.00	83.000
81 03 14 1015		.3	1		2.150	0.200	2.350	925.0	8.0		1240.0	5.60	88.000
81 04 18 1550		.3	1	0.390	1.058	0.150	1.208		12	641	900	8.00	
81 05 23 1210		.3	1	0.320	0.861	0.220	1.081		2	845	1100	4.50	
81 06 20 1340		.3	1	0.585	1.125	0.110	1.235		1 <T	1012	1280	1.20	
81 08 01 1400		.3	1	0.430	0.801	0.090	0.891		0.9	1006	1320	0.90	
81 09 05 1225		.3	1	1.800	2.505	0.200	2.705		3.6	1107	1410		
81 10 03 1300		.3	1	1.100	1.905	0.180	2.085				1260	2.20	
81 11 01 1540		.3	1	0.780	1.629	0.130	1.759		4.2	1037	1270	3.20	
81 12 05 1210		.3	1	1.300	2.535	0.160	2.695		5.1	1007	1370	5.50	
	MAXIMUM			**1.800**	**3.780**	**0.470**	**4.250**	**1189.0**	**60.0**	**1107**	**1420.0**	**15.00**	**88.000**
	ARITH MEAN			**0.838**	**1.835**	**0.191**	**2.026**	**1057.0**	**10 <A**	**951**	**1257**	**5.12**	**85.500**
	GEOM MEAN			**0.708**	**1.629**	**0.172**	**1.813**	**1048.7**	**4 <A**	**938**	**1247**	**3.69**	**85.463**
	MINIMUM			**0.320**	**0.801**	**0.090**	**0.891**	**925.0**	**0.9**	**841**	**900**	**0.90**	**83.000**
	STD DEV (GEOM *)			**0.522**	**0.942**	**0.107**	**1.028**	**186.7**	**18 <A**	**158**	**156**	**4.36**	**3.536**
	# SAMPLES (IN STATISTICS)			**8**	**10**	**10**	**10**	**2**	**9**	**7**	**10**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
	TEST-NAME:			SSO4UR	ALKT	PH	FEUT	ASUT	ALUT	CRUT	CUUT	PBUT	CDUT
81 01 10 1200		.3	1			6.53		0.001<	2.200		0.170	0.003<	
81 03 14 1015		.3	1			6.56		0.001<	0.640	0.002<	0.180	0.003<	0.0002<
81 04 18 1550		.3	1	309.0	5	5.28	1.24		1.200		0.220	0.003<	
81 05 23 1210		.3	1	488.0	4	6.44	0.90		0.440		0.130	0.030	
81 06 20 1340		.3	1	530	10	7.33	0.28		0.090		0.068	0.003<	
81 08 01 1400		.3	1	538.0	12	6.47	0.23		0.170		0.099	0.007	
81 09 05 1225		.3	1	564.0	8	6.42	0.24	0.001<	0.160		0.062	0.007	
81 10 03 1300		.3	1	539.0	5	6.15	0.81		0.550		0.210	0.005	
81 11 01 1540		.3	1	565.0	13	6.49	0.63		0.320		0.130	0.006	
81 12 05 1210		.3	1	630.0	14	7.20	0.80		0.320		0.084	0.003<	
	MAXIMUM			**630.0**	**14**	**7.33**	**1.24**		**2.200**		**0.220**	**0.030**	
	ARITH MEAN			**520**	**9**	**6.49**	**0.64**		**0.609**		**0.135**	**0.011**	
	GEOM MEAN			**511**	**8**	**6.46**	**0.54**		**0.399**		**0.124**	**0.008**	
	MINIMUM			**309.0**	**4**	**5.28**	**0.23**		**0.090**		**0.062**	**0.005**	
	STD DEV (GEOM *)			**94**	**4**	**0.56**	**0.37**		**0.645**		**0.058**	**0.011**	
	# SAMPLES (IN STATISTICS)			**8**	**8**	**10**	**8**		**10**		**10**	**5**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
	TEST-NAME:			*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 01 10 1200		.3	1	0.070		1.600	
81 03 14 1015		.3	1	0.140		3.300	0.094
81 04 18 1550		.3	1	0.063		2.400	
81 05 23 1210		.3	1	0.060		2.100	
81 06 20 1340		.3	1	0.030		1.6000	
81 08 01 1400		.3	1	0.052		1.5000	
81 09 05 1225		.3	1	0.058	1.48	2.0000	
81 10 03 1300		.3	1	0.087		3.2000	
81 11 01 1540		.3	1	0.048		1.800	
81 12 05 1210		.3	1	0.052		2.2000	
	MAXIMUM			**0.140**	**1.48**	**3.300**	**0.094**
	ARITH MEAN			**0.066**	**1.48**	**2.170**	**0.094**
	GEOM MEAN			**0.061**		**2.093**	
	MINIMUM			**0.030**	**1.48**	**1.5000**	**0.094**
	STD DEV (GEOM *)			**0.030**		**0.637**	
	# SAMPLES (IN STATISTICS)			**10**	**1**	**10**	**1**

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **AT HIGH FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-020-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0456100.0 5136200.0 4** REGION: **05** DISTANCE: **85.454**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 01 02 1210		.3	1	24452	6 8	49.700	0.0	12.0	0.004	0.002	0.040	0.580	0.002
81 03 13 1830		.3	1	24026	6 8	75.700	1.0	12.0	0.008	0.002	0.016	0.260	0.002
81 04 17 1215		.3	1	24055	3 6 8	243.000	4.0	12.00	0.017	0.001<W	0.800	1.10	
81 05 22 1845		.3	1	24088	6 8	57.500	17.0	12.00	0.010	0.001	0.020	0.24	
81 06 19 1610		.3	1	24121	6 8	79.000	20.0	12.00	0.007	0.001<T	0.022	0.24	
81 07 31 1745		.3	1	24154	6 8	41.300	20.0	11.0	0.011	0.001	0.002	0.26	
81 09 04 1810		.3	1	24189	6 8	42.500	20.0	12.00	0.005	0.001	0.026	0.28	
81 10 03 0900		.3	1	24220	6 8	20.300	5.0	11.00	0.141	0.135	0.024	0.24	
81 10 31 1000		.3	1	24261	6 8	73.500	6.0	12.00	0.047	0.039	0.016	0.25	
81 12 04 1440		.3	1	24285	6 8	70.700	0.0	12.00	0.103	0.092	0.036	0.32	
	MAXIMUM					**243.000**	**20.0**	**12.0**	**0.141**	**0.135**	**0.800**	**1.10**	**0.002**
	ARITH MEAN					**75.320**	**11.6**	**11.8**	**0.035**	**0.027<A**	**0.100**	**0.37**	**0.002**
	GEOM MEAN					**61.460**	**8.0**	**11.7**	**0.016**	**0.004<A**	**0.026**	**0.32**	**0.002**
	MINIMUM					**20.300**	**1.0**	**11.0**	**0.004**	**0.001**	**0.002**	**0.24**	**0.002**
	STD DEV (GEOM *)					**61.816**	**8.3**	**0.4**	**0.048**	**0.048<A**	**0.246**	**0.27**	**0.000**
	# SAMPLES (IN STATISTICS)					**10**	**8**	**10**	**10**	**10**	**10**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
	TEST-NAME:			*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 02 1210		.3	1	0.088	0.130	0.540	0.670	37.0	1.0	36.000	56.0	0.48	1.000
81 03 13 1830		.3	1	0.158	0.176	0.244	0.420	35.0	0.3	35.000	54.0	0.62	0.750
81 04 17 1215		.3	1			0.300			3		40	3.50	0.75
81 05 22 1845		.3	1			0.220			2		46	0.80	1.00
81 06 19 1610		.3	1			0.218			1 <T		58	0.54	1.30
81 07 31 1745		.3	1			0.258			0.5		49	0.44	0.90
81 09 04 1810		.3	1			0.254			0.1<W		50	0.49	0.70
81 10 03 0900		.3	1			0.216					50	0.64	0.80
81 10 31 1000		.3	1			0.234			0.7		54	0.85	0.80
81 12 04 1440		.3	1			0.284			1.4		52	0.78	1.05
	MAXIMUM			**0.158**	**0.176**	**0.540**	**0.670**	**37.0**	**3**	**36.000**	**58**	**3.50**	**1.30**
	ARITH MEAN			**0.123**	**0.153**	**0.277**	**0.545**	**36.0**	**1 <A**	**35.500**	**50**	**0.91**	**0.90**
	GEOM MEAN			**0.118**	**0.151**	**0.266**	**0.530**	**36.0**	**0 <A**	**35.496**	**50**	**0.73**	**0.88**
	MINIMUM			**0.088**	**0.130**	**0.216**	**0.420**	**35.0**	**0.1**	**35.000**	**40**	**0.44**	**0.70**
	STD DEV (GEOM *)			**0.049**	**0.033**	**0.097**	**0.177**	**1.4**	**0 <A**	**0.707**	**5**	**0.92**	**0.18**
	# SAMPLES (IN STATISTICS)			**2**	**2**	**10**	**2**	**2**	**9**	**2**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
	TEST-NAME:			*ALKT*	*PH*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*ASUT*	*ALUT*	*CUUT*
81 01 02 1210		.3	1		7.38						0.001<		0.0006
81 03 13 1830		.3	1		7.24							0.076	0.002
81 04 17 1215		.3	1	8		1<T	0.22	14	4.2	0.85	0.001<		0.002
81 05 22 1845		.3	1	10		1	0.13	15	4.0	1.15	0.001<		0.004
81 06 19 1610		.3	1	15		1<T	0.14	19	5.8	1.15	0.001<		0.004
81 07 31 1745		.3	1	13		1<T	0.13	18	5.0	1.35	0.001<		0.002
81 09 04 1810		.3	1	13		1<T	0.09	17	5.0	1.20	0.001<		0.006
81 10 03 0900		.3	1	14		1<T	0.12	21	6.0	1.40	0.001<		0.001 <
81 10 31 1000		.3	1	15		3	0.15	19	5.2	1.40	0.001<		0.002
81 12 04 1440		.3	1	13		1<T	0.13	18	5.4	1.05	0.001<		0.003
	MAXIMUM			**15**	**7.38**	**3**	**0.22**	**21**	**6.0**	**1.40**		**0.076**	**0.006**
	ARITH MEAN			**13**	**7.31**	**1<A**	**0.14**	**18**	**5.1**	**1.19**		**0.076**	**0.002**
	GEOM MEAN			**12**	**7.31**	**1<A**	**0.13**	**17**	**5.0**	**1.18**			**0.002**
	MINIMUM			**8**	**7.24**	**1**	**0.09**	**14**	**4.0**	**0.85**		**0.076**	**0.0006**
	STD DEV (GEOM *)			**2**	**0.10**	**1<A**	**0.04**	**2**	**0.7**	**0.19**			**0.001**
	# SAMPLES (IN STATISTICS)			**8**	**2**	**8**	**8**	**8**	**8**	**8**		**1**	**9**

(CONTD)

B.O.W./SITE: **SPANISH RIVER**
SAMPLE POINT: **AT HIGH FALLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-020-02**
STORET CODE: **02 002 7950**

LAT: LONG: U.T.M: **17 0456100.0 5136200.0 4** REGION: **05** DISTANCE: **85.454**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*PBUT*	*ZNUT*	*NIUT*	*RA226F*	*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 01 02 1210		.3	1	0.003<	0.003<	0.003 <	1<	1<	1<	2	1<	10<
81 03 13 1830		.3	1	0.003<	0.015	0.002 <						
81 04 17 1215		.3	1	0.003<	0.021	0.002 <						
81 05 22 1845		.3	1	0.003<	0.004	0.002 <						
81 06 19 1610		.3	1	0.003<	0.004	0.0030						
81 07 31 1745		.3	1	0.003	0.006	0.0030						
81 09 04 1810		.3	1	0.003	0.011	0.0280						
81 10 03 0900		.3	1	0.003<	0.010	0.0020						
81 10 31 1000		.3	1	0.004	0.007	0.0050						
81 12 04 1440		.3	1	0.004	0.003	0.0020						
MAXIMUM				**0.004**	**0.021**	**0.0280**				**2**		
ARITH MEAN				**0.003**	**0.009**	**0.0072**				**2**		
GEOM MEAN				**0.003**	**0.007**	**0.0041**						
MINIMUM				**0.003**	**0.003**	**0.0020**				**2**		
STD DEV (GEOM *)				**0.001**	**0.006**	**0.0103**						
# SAMPLES (IN STATISTICS)				**4**	**9**	**6**				**1**		

B.O.W./SITE: **MINISTIC CREEK**
SAMPLE POINT: **AT FIRST BRIDGE ON AGNEW ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-021-02**
STORET CODE: **02 002 7950**

LAT: LONG: U.T.M: **17 0458775.0 5138500.0 4** REGION: **05** DISTANCE: **87.385**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 02 1245		.3	1	24453	4 6 8	0.0	10.0	0.010	0.002	0.160	0.420	0.003	0.202
81 03 13 1900		.3	1	24027	6 8	1.0	11.0	0.014	0.004	0.102	0.420	0.012	0.803
81 04 17 1250		.3	1	24056	3 6 9	4.0	10.00	0.019	0.001<W	0.028	0.84		
81 05 22 1920		.3	1	24089	6 8	16.0	10.00	0.014	0.003	0.026	0.35		
81 06 19 1635		.3	1	24122	6 8	20.0	10.00	0.025	0.001	0.004	0.53		
81 07 31 1820		.3	1	24155	6 8	21.0	9.00	0.030	0.003	0.004	0.48		
81 09 04 1830		.3	1	24190	6 8	20.0	9.00	0.028	0.003	0.052	0.38		
81 10 03 0925		.3	1	24221	6 8	5.0	10.00	0.195	0.048	0.038	0.42		
81 10 31 1025		.3	1	24262	6 8	6.0	10.00	0.012	0.002	0.022	0.42		
81 12 04 1510		.3	1	24286	6 8 4	0.0	10.00	0.140	0.115	0.060	0.45		
MAXIMUM						**21.0**	**11.0**	**0.195**	**0.115**	**0.160**	**0.84**	**0.012**	**0.803**
ARITH MEAN						**11.6**	**9.9**	**0.049**	**0.018<A**	**0.050**	**0.47**	**0.007**	**0.502**
GEOM MEAN						**8.0**	**9.8**	**0.028**	**0.004<A**	**0.029**	**0.45**	**0.006**	**0.403**
MINIMUM						**1.0**	**9.00**	**0.010**	**0.001**	**0.004**	**0.35**	**0.003**	**0.202**
STD DEV (GEOM *)						**8.4**	**0.5**	**0.064**	**0.037<A**	**0.048**	**0.13**	**0.006**	**0.425**
# SAMPLES (IN STATISTICS)						**8**	**10**	**10**	**10**	**10**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*
81 01 02 1245		.3	1	0.365	0.260	0.625	50.0	0.7	49.000	76.0	1.80	1.400	
81 03 13 1900		.3	1	0.917	0.318	1.235	115.0	1.0		175.0	2.00	2.750	
81 04 17 1250		.3	1		0.812			6		155	4.30	2.15	9
81 05 22 1920		.3	1		0.324			4		220	1.20	3.05	20
81 06 19 1635		.3	1		0.526			3		175	1.60	2.30	20
81 07 31 1820		.3	1		0.476			7.1		420	1.40	5.20	33
81 09 04 1830		.3	1		0.328					487	2.10	7.10	39
81 10 03 0925		.3	1		0.382					290	1.37	4.45	27
81 10 31 1025		.3	1		0.398			3.3		170	2.30	2.55	21
81 12 04 1510		.3	1		0.390			0.3		600	4.10		
MAXIMUM				**0.917**	**0.812**	**1.235**	**115.0**	**7.1**	**49.000**	**600**	**4.30**	**7.10**	**39**
ARITH MEAN				**0.641**	**0.421**	**0.930**	**82.5**	**3**	**49.000**	**276**	**2.22**	**3.43**	**24**
GEOM MEAN				**0.579**	**0.400**	**0.879**	**75.8**	**2**		**233**	**2.02**	**3.07**	**22**
MINIMUM				**0.365**	**0.260**	**0.625**	**50.0**	**0.3**	**49.000**	**76.0**	**1.20**	**1.400**	**9**
STD DEV (GEOM *)				**0.390**	**0.158**	**0.431**	**46.0**	**2**		**169**	**1.10**	**1.80**	**10**
# SAMPLES (IN STATISTICS)				**2**	**10**	**2**	**2**	**8**	**1**	**10**	**10**	**9**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	RADIUM 226 FIL. PCI/L	GROSS ALPHA CT FILTERED PCI/L
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*	*RA226F*	*GACF*
81 01 02 1245		.3	1	6.98			0.110	0.002	0.003<	0.007	0.003	1<	1<
81 03 13 1900		.3	1	7.13			0.210	0.004	0.003<	0.044	0.007		
81 04 17 1250		.3	1	6.65	1<T	0.38		0.001<	0.005	0.039			
81 05 22 1920		.3	1	7.37	2	0.45		0.003	0.003<	0.005			
81 06 19 1635		.3	1	7.24	1<T	0.81		0.003	0.003<	0.004			
81 07 31 1820		.3	1	7.26	1	0.78		0.002	0.003<	0.012			
81 09 04 1830		.3	1	7.26	1<T	0.61		0.007	0.003<	0.006			
81 10 03 0925		.3	1	7.25	1<T	0.63		0.005	0.003<	0.008			
81 10 31 1025		.3	1	7.79	1	0.47		0.006	0.009	0.009			
81 12 04 1510		.3	1	7.57	1<T	0.61		0.008	0.008	0.012			
MAXIMUM				**7.79**	**2**	**0.81**	**0.210**	**0.008**	**0.009**	**0.044**	**0.007**		
ARITH MEAN				**7.25**	**1<A**	**0.59**	**0.160**	**0.004**	**0.007**	**0.015**	**0.005**		
GEOM MEAN				**7.24**	**1<A**	**0.57**	**0.152**	**0.004**	**0.007**	**0.010**	**0.005**		
MINIMUM				**6.65**	**1**	**0.38**	**0.110**	**0.002**	**0.005**	**0.004**	**0.003**		
STD DEV (GEOM *)				**0.31**	**0<A**	**0.15**	**0.071**	**0.002**	**0.002**	**0.014**	**0.003**		
# SAMPLES (IN STATISTICS)				**10**	**8**	**8**	**2**	**9**	**3**	**10**	**2**		

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L
81 01 02 1245		.3	1	1<	1	1<
MAXIMUM					1	
ARITH MEAN					1	
GEOM MEAN						
MINIMUM					1	
STD DEV (GEOM *)						
# SAMPLES (IN STATISTICS)					1	

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **HIGHWAY 17 2 MILES EAST OF WHITEFISH**
STATION TYPE: **RIVER**
MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**
STATION ID: **14-0028-027-02**
STORET CODE: **02 002 7950**
LAT: LONG: U T M: **17 0478550.0 5137250.0 4** REGION: **05** DISTANCE: **105.248**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 02 1140		.3	1	24451	4 6 8	0.0	13.0	0.019	0.014	1.080	1.610	0.013	0.442
81 03 13 1730		.3	1	24025	6 8	1.0	12.0	0.025	0.009	0.132	0.490	0.013	0.327
81 04 17 1100		.3	1	24053	3 6 9	3.0	13.00	0.063	0.001<W	0.060	1.33	0.014	0.140
81 05 22 1730		.3	1	24086	6 8	16.0	12.00		0.003			0.001	
81 06 19 1450		.3	1	24119	6 8	20.0	12.00	0.016	0.006	0.030	0.23	0.018	0.050
81 07 31 1625		.3	1	24152	6 8	20.0	11.0	0.031	0.010	0.006	0.29	0.001	0.079
81 09 04 1700		.3	1	24187	6 8	20.0	12.00	0.025	0.003	0.066	0.40	0.013	0.027
81 10 03 0740		.3	1	24218		5.0	12.00	0.019	0.005	0.052	0.35	0.014	0.075
81 10 31 0850		.3	1	24259	6 8	6.0	12.00	0.012	0.005	0.042	0.42	0.013	0.125
81 12 04 1325		.3	1	24283	6 8	0.0	13.00	0.260	0.215	0.440	0.97		
MAXIMUM						**20.0**	**13.0**	**0.260**	**0.215**	**1.080**	**1.610**	**0.018**	**0.442**
ARITH MEAN						**11.4**	**12.2**	**0.052**	**0.027<A**	**0.212**	**0.67**	**0.011**	**0.158**
GEOM MEAN						**7.6**	**12.1**	**0.030**	**0.007<A**	**0.077**	**0.54**	**0.008**	**0.109**
MINIMUM						**1.0**	**11.0**	**0.012**	**0.001**	**0.006**	**0.23**	**0.001**	**0.027**
STD DEV (GEOM *)						**8.4**	**0.6**	**0.079**	**0.066<A**	**0.351**	**0.50**	**0.006**	**0.148**
# SAMPLES (IN STATISTICS)						**8**	**10**	**9**	**10**	**9**	**9**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
81 01 02 1140		.3	1		1.535	0.530	2.065	205.0	3.0	202.000	310.0	1.40	15.000
81 03 13 1730		.3	1		0.472	0.358	0.830	104.0	3.0	101.000	155.0	2.10	10.500
81 04 17 1100		.3	1	0.155	0.214	1.270	1.484		6	63	97		
81 05 22 1730		.3	1						3	75	116		
81 06 19 1450		.3	1	0.070	0.098	0.200	0.298		3	74	114		
81 07 31 1625		.3	1	0.080	0.086	0.284	0.370		1.4	78	120		
81 09 04 1700		.3	1	0.04	0.106	0.334	0.440		1.0	81	125		
81 10 03 0740		.3	1	0.090	0.141	0.298	0.439				440		
81 10 31 0850		.3	1	0.135	0.180	0.378	0.558		2.2	86	130		
81 12 04 1325		.3	1	0.540		0.530	1.510			163	250		
MAXIMUM				**0.540**	**1.535**	**1.270**	**2.065**	**205.0**	**6**	**202.000**	**440**	**2.10**	**15.000**
ARITH MEAN				**0.15**	**0.354**	**0.465**	**0.888**	**154.5**	**2**	**102**	**185**	**1.75**	**12.750**
GEOM MEAN				**0.11**	**0.208**	**0.402**	**0.710**	**146.0**	**2**	**95**	**163**	**1.71**	**12.550**
MINIMUM				**0.04**	**0.086**	**0.200**	**0.298**	**104.0**	**1.0**	**63**	**97**	**1.40**	**10.500**
STD DEV (GEOM *)				**0.17**	**0.493**	**0.321**	**0.638**	**71.4**	**1**	**47**	**112**	**0.49**	**3.182**
# SAMPLES (IN STATISTICS)				**7**	**8**	**9**	**9**	**2**	**8**	**9**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 02 1140		.3	1			7.48		0.001<		0.009	0.003<	0.012	
81 03 13 1730		.3	1			7.21			0.170	0.022	0.003<	0.047	
81 04 17 1100		.3	1	28.5	19	6.77	0.36	0.001<	0.220	0.001<	0.003<	0.094	0.060
81 05 22 1730		.3	1	22.0	25	7.56	0.23	0.001<	0.046	0.005	0.007	0.006	0.042
81 06 19 1450		.3	1	22.5	29	7.60	0.14	0.001<	0.029	0.006	0.003<	0.002	0.028
81 07 31 1625		.3	1	23.0	24	7.18	0.13	0.001	0.036	0.005	0.004	0.006	0.036
81 09 04 1700		.3	1	23.0	28	7.46	0.07	0.002	0.062	0.007	0.003<	0.007	0.032
81 10 03 0740		.3	1	27.5	30	7.48	0.20	0.001<	0.056	0.008	0.003<	0.010	0.030
81 10 31 0850		.3	1	28.5	22	7.97	0.23	0.001<	0.082	0.013	0.007	0.024	0.034
81 12 04 1325		.3	1	70.0		7.35	0.23	0.001<	0.046	0.009	0.003<	0.013	0.060
MAXIMUM				**70.0**	**30**	**7.97**	**0.36**	**0.002**	**0.220**	**0.022**	**0.007**	**0.094**	**0.060**
ARITH MEAN				**30.6**	**25**	**7.41**	**0.20**	**0.001**	**0.083**	**0.009**	**0.006**	**0.022**	**0.040**
GEOM MEAN				**28.3**	**25**	**7.40**	**0.18**	**0.001**	**0.066**	**0.008**	**0.006**	**0.012**	**0.039**
MINIMUM				**22.0**	**19**	**6.77**	**0.07**	**0.001**	**0.029**	**0.005**	**0.004**	**0.002**	**0.028**
STD DEV (GEOM *)				**16.2**	**4**	**0.31**	**0.09**	**0.001**	**0.066**	**0.005**	**0.002**	**0.028**	**0.013**
# SAMPLES (IN STATISTICS)				**8**	**7**	**10**	**8**	**2**	**9**	**9**	**3**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 02 1140		.3	1	0.180
81 03 13 1730		.3	1	0.190
81 04 17 1100		.3	1	0.055
81 05 22 1730		.3	1	0.047
81 06 19 1450		.3	1	0.0350
81 07 31 1625		.3	1	0.0340
81 09 04 1700		.3	1	0.0160
81 10 03 0740		.3	1	0.0510
81 10 31 0850		.3	1	0.1700
81 12 04 1325		.3	1	0.1700

(CONTD)

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **HIGHWAY 17 2 MILES EAST OF WHITEFISH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-027-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0478550.0 5137250.0 4** REGION: **05** DISTANCE: **105.248**

TEST-NAME: NIUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
MAXIMUM				0.190
ARITH MEAN				0.094
GEOM MEAN				0.069
MINIMUM				0.0160
STD DEV (GEOM *)				0.072
# SAMPLES (IN STATISTICS)				10

B.O.W./ SITE: **WHITSON RIVER**
SAMPLE POINT: **HIGHWAY 634 WEST OF VAL CARON**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-028-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0497500.0 5161600.0 4** REGION: **05** DISTANCE: **157.229**

TEST-NAME: SAMPLE FWSTRC FWFLOW FWTEMP DO PPUT PPO4FR NNHTFR NNTKUR NNO2FR

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
81 01 10 1230	.3	1		24013	4 6 8	0.369	0.0	11.0	0.018	0.003	0.136	0.410	0.011
81 03 14 1040	.3	1		24034	6 8	1.500	0.0	10.0	0.028	0.005	0.114	0.380	0.014
81 04 18 1630	.3	1		24071	3 6 8	5.450	4.0	10.00	0.016	0.002	0.038	0.38	
81 05 23 1300	.3	1		24099	6 8	0.848	16.0	10.00	0.014	0.003	0.004	0.32	
81 06 20 1425	.3	1		24132	6 8	0.520	20.0	10.00	0.033	0.023	0.002	0.35	
81 08 03 1230	.3	1		24180	6 8	0.213	21.0	10.00	0.025	0.003	0.044	0.30	
81 09 05 1300	.3	1		24200	6 8	0.905	20.0	10.00	0.030	0.001	0.026	0.48	
81 10 04 0800	.3	1		24231	6 8	1.620	5.0	10.00	0.192	0.130	0.022	0.48	
81 11 01 1610	.3	1		24277	6 8	1.790	6.0	10.00	0.015	0.002	0.028	0.30	
81 12 05 1300	.3	1		24296	6 8	1.060	0.0	9.00	0.025	0.004	0.046	0.35	
MAXIMUM						**5.450**	**21.0**	**11.0**	**0.192**	**0.130**	**0.136**	**0.48**	**0.014**
ARITH MEAN						**1.427**	**13.1**	**10.0**	**0.040**	**0.018**	**0.046**	**0.37**	**0.012**
GEOM MEAN						**0.976**	**10.7**	**9.9**	**0.027**	**0.005**	**0.026**	**0.37**	**0.012**
MINIMUM						**0.213**	**4.0**	**9.00**	**0.014**	**0.001**	**0.002**	**0.30**	**0.011**
STD DEV (GEOM *)						**1.510**	**7.8**	**0.4**	**0.054**	**0.040**	**0.044**	**0.06**	**0.002**
# SAMPLES (IN STATISTICS)						**10**	**7**	**10**	**10**	**10**	**10**	**10**	**2**

TEST-NAME: NNO3FR NNTIFR NNKUR NNKI RST RSP RSF COND25 TURB CLIDUR

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
81 01 10 1230	.3	1		0.449	0.596	0.274	0.870	175.0	3.0		265.0	2.10	19.000
81 03 14 1040	.3	1		0.249	0.377	0.266	0.643	166.0	10.0	156.000	240.0	3.50	22.000
81 04 18 1630	.3	1				0.342			7		160	1.80	12.50
81 05 23 1300	.3	1				0.316			4		260	1.50	14.00
81 06 20 1425	.3	1				0.348			1 <T		265	1.80	17.50
81 08 03 1230	.3	1				0.256			1.5		260	2.00	16.50
81 09 05 1300	.3	1				0.454			12.2		247	2.90	17.00
81 10 04 0800	.3	1				0.458					260	2.10	19.50
81 11 01 1610	.3	1				0.272			2.0		185	1.13	14.00
81 12 05 1300	.3	1				0.304			8.0		230	3.30	19.00
MAXIMUM				**0.449**	**0.596**	**0.458**	**0.870**	**175.0**	**12.2**	**156.000**	**265.0**	**3.50**	**22.000**
ARITH MEAN				**0.349**	**0.486**	**0.329**	**0.756**	**170.5**	**5 <A**	**156.000**	**237**	**2.21**	**17.10**
GEOM MEAN				**0.334**	**0.474**	**0.322**	**0.748**	**170.4**	**4 <A**		**234**	**2.09**	**16.86**
MINIMUM				**0.249**	**0.377**	**0.256**	**0.643**	**166.0**	**1**	**156.000**	**160**	**1.13**	**12.50**
STD DEV (GEOM *)				**0.141**	**0.155**	**0.074**	**0.161**	**6.4**	**4 <A**		**36**	**0.77**	**2.94**
# SAMPLES (IN STATISTICS)				**2**	**2**	**10**	**2**	**2**	**9**	**1**	**10**	**10**	**10**

TEST-NAME: ALKT PH PHNOL FEUT HARDT CAUR MGUR ASUT ALUT CUUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
81 01 10 1230	.3	1			7.19								0.004
81 03 14 1040	.3	1			7.29							0.270	0.016
81 04 18 1630	.3	1		29		1<T	0.47	50	14.6	3.25	0.001		0.011
81 05 23 1300	.3	1		65		1<T	0.76	97	29.0	5.95	0.002		0.006
81 06 20 1425	.3	1		73		1<T	0.88	312	26.0	6.00	0.002		0.007
81 08 03 1230	.3	1		70		1	0.79	87	25.0	6.00	0.001		0.011
81 09 05 1300	.3	1		61		1<T	1.14	90	26.0	6.10	0.002		0.007
81 10 04 0800	.3	1		56		1	1.22	75	21.0	5.40	0.003		0.017
81 11 01 1610	.3	1		41		1<T	0.45	66	18.6	4.65	0.001		0.033
81 12 05 1300	.3	1		50		1<T	0.90	88	27.0	4.95	0.001<		0.012
MAXIMUM				**73**	**7.29**	**1**	**1.22**	**312**	**29.0**	**6.10**	**0.003**	**0.270**	**0.033**
ARITH MEAN				**56**	**7.24**	**1<A**	**0.83**	**108**	**23.4**	**5.29**	**0.002**	**0.270**	**0.012**
GEOM MEAN				**54**	**7.24**	**1<A**	**0.78**	**92**	**22.9**	**5.19**	**0.002**		**0.010**
MINIMUM				**29**	**7.19**	**1**	**0.45**	**50**	**14.6**	**3.25**	**0.001**	**0.270**	**0.004**
STD DEV (GEOM *)				**15**	**0.07**	**0<A**	**0.28**	**84**	**4.9**	**0.99**	**0.001**		**0.008**
# SAMPLES (IN STATISTICS)				**8**	**2**	**8**	**8**	**8**	**8**	**8**	**7**	**1**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 10 1230		.3	1	0.003<	0.015	0.010
81 03 14 1040		.3	1	0.075	0.031	0.130
81 04 18 1630		.3	1	0.003<	0.013	0.073
81 05 23 1300		.3	1	0.003<	0.005	0.034
81 06 20 1425		.3	1	0.003<	0.012	0.0350
81 08 03 1230		.3	1	0.007	0.010	0.0590
81 09 05 1300		.3	1	0.003<	0.012	0.0450
81 10 04 0800		.3	1	0.003<	0.017	0.0640
81 11 01 1610		.3	1	0.004	0.018	0.120
81 12 05 1300		.3	1	0.003<	0.014	0.1000
MAXIMUM				**0.075**	**0.031**	**0.130**
ARITH MEAN				**0.029**	**0.015**	**0.067**
GEOM MEAN				**0.013**	**0.013**	**0.054**
MINIMUM				**0.004**	**0.005**	**0.010**
STD DEV (GEOM *)				**0.040**	**0.007**	**0.039**
# SAMPLES (IN STATISTICS)				**3**	**10**	**10**

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **DOWLING 6 MILES WEST OF CHELMSFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-033-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0475625.0 5157300.0 4** REGION: **05** DISTANCE: **154.171**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
				SAMPLE	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1030		.3	1	24009	4 6 8	0.0	12.0	0.023	0.008	0.280	0.520	0.005	0.235
81 03 14 0845		.3	1	24030	6 8	0.0	12.0	0.014	0.003	0.146	0.360	0.005	0.300
81 04 18 1400		.3	1	24065	3 6 9	4.0	12.00						
81 05 23 1000		.3	1	24093	6 8	16.0	12.00	0.013	0.003	0.028	0.20	0.002	0.090
81 06 20 1125		.3	1	24126	6 8	19.0	12.00	0.014	0.003	0.008	0.23	0.009	0.150
81 08 01 1115		.3	1	24159	6 8	20.0	12.0	0.012	0.002	0.008	0.22	0.002	0.125
81 09 05 1010		.3	1	24194	6 8	19.0	13.00	0.015	0.003	0.038	0.22	0.007	0.270
81 10 03 1415		.3	1	24227	6 8	5.0	12.00	0.015	0.004	0.014	0.20	0.001	0.290
81 11 01 1315		.3	1	24271	6 8	6.0	12.00	0.015	0.005	0.020	0.23	0.003	0.150
81 12 05 0945		.3	1	24290	6 8	0.0	12.00	0.011	0.004	0.076	0.26	0.005	0.175
MAXIMUM						**20.0**	**13.00**	**0.023**	**0.008**	**0.280**	**0.520**	**0.009**	**0.300**
ARITH MEAN						**12.7**	**12.1**	**0.015**	**0.004**	**0.069**	**0.27**	**0.004**	**0.198**
GEOM MEAN						**10.5**	**12.1**	**0.014**	**0.004**	**0.034**	**0.25**	**0.004**	**0.184**
MINIMUM						**4.0**	**12.0**	**0.011**	**0.002**	**0.008**	**0.20**	**0.001**	**0.090**
STD DEV (GEOM *)						**7.3**	**0.3**	**0.003**	**0.002**	**0.091**	**0.10**	**0.003**	**0.077**
# SAMPLES (IN STATISTICS)						**7**	**10**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
				NNOTFR	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 10 1030		.3	1		0.520	0.240	0.760	96.0	1.0		146.0	1.10	5.950
81 03 14 0845		.3	1		0.451	0.214	0.665	75.0	2.0		112.0	1.30	6.000
81 05 23 1000		.3	1	0.090	0.120	0.172	0.292		2	57	88		
81 06 20 1125		.3	1	0.160	0.167	0.222	0.389		1 <T	250	385		
81 08 01 1115		.3	1	0.125	0.135	0.212	0.347		1.2	66	102		
81 09 05 1010		.3	1	0.275	0.315	0.182	0.497		3.0	82	126		
81 10 03 1415		.3	1	0.290	0.305	0.186	0.491			156	130		
81 11 01 1315		.3	1	0.155	0.173	0.210	0.383		1.8	64	98		
81 12 05 0945		.3	1	0.180	0.256	0.184	0.440		0.2	69	106		
MAXIMUM				**0.290**	**0.520**	**0.240**	**0.760**	**96.0**	**3.0**	**250**	**385**	**1.30**	**6.000**
ARITH MEAN				**0.182**	**0.271**	**0.202**	**0.474**	**85.5**	**1 <A**	**106**	**143**	**1.20**	**5.975**
GEOM MEAN				**0.169**	**0.241**	**0.201**	**0.454**	**84.9**	**1 <A**	**91**	**128**	**1.20**	**5.975**
MINIMUM				**0.090**	**0.120**	**0.172**	**0.292**	**75.0**	**0.2**	**57**	**88**	**1.10**	**5.950**
STD DEV (GEOM *)				**0.074**	**0.141**	**0.022**	**0.152**	**14.8**	**0 <A**	**72**	**92**	**0.14**	**0.035**
# SAMPLES (IN STATISTICS)				**7**	**9**	**9**	**9**	**2**	**8**	**7**	**9**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
				SSO4UR	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 01 10 1030		.3	1			7.26							
81 03 14 0845		.3	1			7.15							
81 05 23 1000		.3	1	19.0	17	7.47	0.27	0.001<	0.075	0.002	0.010	0.006	0.038
81 06 20 1125		.3	1	30.0	21	7.55	0.27	0.001<	0.043	0.006	0.003<	0.010	0.040
81 08 01 1115		.3	1	16.5	25	7.47	0.28	0.001<	0.042	0.004	0.003	0.005	0.042
81 09 05 1010		.3	1	22.0	26	7.48	0.22	0.001<	0.092	0.007	0.004	0.024	0.052
81 10 03 1415		.3	1	31.0	21	7.28	0.26	0.001<	0.047	0.005	0.003<	0.007	0.040
81 11 01 1315		.3	1	23.5	12	7.11	0.24	0.001<	0.033	0.005	0.003<	0.005	0.034
81 12 05 0945		.3	1	25.0	16	7.52	0.24	0.001<	0.050	0.006	0.003<	0.009	0.038
MAXIMUM				**31.0**	**26**	**7.55**	**0.28**		**0.092**	**0.007**	**0.010**	**0.024**	**0.052**
ARITH MEAN				**23.9**	**20**	**7.37**	**0.25**		**0.055**	**0.005**	**0.006**	**0.009**	**0.041**
GEOM MEAN				**23.3**	**19**	**7.36**	**0.25**		**0.052**	**0.005**	**0.005**	**0.008**	**0.040**
MINIMUM				**16.5**	**12**	**7.11**	**0.22**		**0.033**	**0.002**	**0.003**	**0.005**	**0.034**
STD DEV (GEOM *)				**5.3**	**5**	**0.17**	**0.02**		**0.021**	**0.002**	**0.004**	**0.007**	**0.006**
# SAMPLES (IN STATISTICS)				**7**	**7**	**9**	**7**		**7**	**7**	**3**	**7**	**7**

(CONTD)

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **DOWLING 6 MILES WEST OF CHELMSFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-033-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0475625.0 5157300.0 4** REGION: **05** DISTANCE: **154.171**

TEST-NAME: *NIUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
81 05 23 1000		.3	1	0.021
81 06 20 1125		.3	1	0.0710
81 08 01 1115		.3	1	0.0340
81 09 05 1010		.3	1	0.0150
81 10 03 1415		.3	1	0.1000
81 11 01 1315		.3	1	0.0720
81 12 05 0945		.3	1	0.0640
MAXIMUM				**0.1000**
ARITH MEAN				**0.053**
GEOM MEAN				**0.044**
MINIMUM				**0.0150**
STD DEV (GEOM *)				**0.031**
# SAMPLES (IN STATISTICS)				7

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **AT BRIDGE SOUTH OF THE TOWN OF MASSEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-038-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0417750.0 5117450.0 4** REGION: **05** DISTANCE: **30.094**

TEST-NAME: *SAMPLE* *FWTEMP* *DO* *BOD5* *PPUT* *PPO4FR* *NNO2FR* *NNO3FR* *NNOTFR* *RSP*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L
81 02 26 0930		.3	1	51000				0.030					7.0
81 03 04 0930		.3	1	51001				0.018					4.0
81 03 10 1100		.3	1	51002				0.020	0.007		0.385		3.0
81 03 18 0930		.3	1	51003				0.017	0.002		0.349		8.0
81 03 24 0935		.3	1	51004	2.0	12.0		0.025					6.0
81 03 31 0940		.3	1	51005	3.0			0.020	0.001		0.353		30.0
81 04 02 1000		.3	1	51006			1.8	0.052	0.005		0.413		53.0
81 04 06 0940		.3	1	51007				0.037	0.005		0.279		50.0
81 04 07 1000		.3	1	51009				0.018	0.004		0.224		200.0
81 04 08 0930		.3	1	51010				0.022	0.002		0.168		42.0
81 04 09 0930		.3	1	51011				0.029	0.003		0.188		31.0
81 04 10 0930		.3	1	51012				0.019	0.003		0.309		40.0
81 04 14 0945		.3	1	51013				0.020					23.0
81 04 16 0915		.3	1	51014				0.016					11.0
81 04 21 0930		.3	1	51015				0.014					6.0
81 04 23 0915		.3	1	51016				0.011	0.002		0.091		7.0
81 04 28 0945		.3	1	51017				0.100					4.0
81 04 30 0815		.3	1	51018				0.008	0.001<		0.130		3.0
81 05 06		.3	1	51019				0.236	0.190	0.003	0.185	0.190	2
81 05 07 1000		.3	1	51020			1.2	0.015	0.015	0.016	0.250	0.265	2
81 05 12 1000		.3	1	51021				0.011	0.001<T	0.006	0.149	0.155	5
81 05 14 0945		.3	1	51022				0.355	0.330	0.015	0.145	0.160	3
81 05 19 0940		.3	1	51023				0.011					2
81 05 21 0945		.3	1	51024				0.017	0.001	0.005	0.215	0.220	4
81 05 26 0940		.3	1	51025				0.014	0.001<T	0.006	0.215	0.220	5
81 05 28 1000		.3	1	51028				0.272	0.260	0.018	0.220	0.240	4
81 06 04 1000		.3	1	51028				0.022	0.001	0.008	0.215	0.225	3
81 06 10 1010		.3	1	51029	16.5			0.276	0.250	0.006	0.155	0.160	3
81 06 11 0930		.3	1	51030				0.177		0.008	0.190	0.200	2
81 06 16 0930		.3	1	51031	19.5	8.00		0.182	0.016	0.012	0.190	0.200	4
81 06 18 0930		.3	1	51032				0.215		0.006	0.105	0.110	5
81 06 23 0930		.3	1	51033				0.172	0.145	0.004	0.110	0.115	4
81 06 25 0930		.3	1	51034				0.035	0.003	0.003	0.105	0.110	3
81 06 30 1000		.3	1	51035				0.020	0.002	0.009	0.140	0.150	3
81 07 07 0910		.3	1	51036	22.0	8.00	0.8	0.012	0.001	0.012	0.180	0.190	5
81 07 14 0930		.3	1	51037				0.018	0.001<T	0.004	0.180	0.185	4
81 07 21 1000		.3	1	51038				0.014	0.001	0.003	0.130	0.135	3
81 07 28 1030		.3	1	51039				0.030	0.001	0.007	0.120	0.125	3.0
81 08 04 0930		.3	1	51040	28.0	6.00		0.015	0.003	0.003	0.025	0.030	3.3
81 08 11 0930		.3	1	51041				0.022	0.000	0.006	0.130	0.135	2.9
81 08 18 0930		.3	1	51042				0.025	0.005	0.008	0.065	0.075	3.1
81 08 25 0939		.3	1	51043				0.048	0.010	0.006	0.055	0.060	3.0
81 09 01 0930		.3	1	51044	28.0	0.50		0.025	0.006	0.008	0.085	0.095	3.7
81 09 08 0930		.3	1	51045				0.035	0.003	0.006	0.075	0.080	0.4
81 09 15 0930		.3	1	51046				0.015	0.001	0.008	0.080	0.090	3.3
81 09 22 0930		.3	1	51047				0.020	0.003	0.011	0.200	0.210	3.2
81 09 29 0930		.3	1	51048				0.048	0.036	0.015	0.180	0.195	3.0
81 10 06 0930		.3	1	51049	14.0	8.00		0.050	0.003	0.018	0.220	0.240	3.0
81 10 13 0930		.3	1	51050				0.060	0.004	0.018	0.215	0.235	3.0
81 10 20 0930		.3	1	51051				0.042	0.001	0.022	0.350	0.370	7.0
81 10 27 0930		.3	1	51052				0.015	0.001	0.005	0.345	0.350	3.0
81 11 03 0930		.3	1	51053	7.0	10.00	1.4U	0.012	0.001	0.012	0.215	0.225	4.3
81 11 10 0930		.3	1	51054				0.018	0.001	0.004	0.200	0.205	1.9
81 11 17 0930		.3	1	51055				0.022	0.002	0.003	0.175	0.180	2.4
81 11 26 0930		.3	1	51056				0.012	0.001	0.004	0.180	0.180	1.6
81 12 01 0930		.3	1	51057	4.0	13.00		0.018	0.001	0.003	0.140	0.145	2.0
81 12 08 0930		.3	1	51058				0.048	0.001<T	0.001	0.155	0.155	1.8
81 12 16 0930		.3	1	51059				0.013	0.002	0.004	0.165	0.170	1.6
MAXIMUM					**28.0**	**13.00**	**1.8**	**0.355**	**0.330**	**0.022**	**0.413**	**0.370**	**200.0**
ARITH MEAN					**14.4**	**8.1**	**1.3**	**0.054**	**0.029<A**	**0.008**	**0.187**	**0.174**	**11**
GEOM MEAN					**10.3**	**6.2**	**1.2**	**0.030**	**0.004<A**	**0.007**	**0.166**	**0.158**	**4**
MINIMUM					**2.0**	**0.50**	**0.8**	**0.008**	**0.001**	**0.001**	**0.025**	**0.030**	**0.4**
STD DEV (GEOM *)					**10.0**	**3.8**	**0.4**	**0.078**	**0.076<A**	**0.005**	**0.088**	**0.071**	**28**
# SAMPLES (IN STATISTICS)					10	8	4	58	46	39	50	39	58

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	PHNOL PHENOLS UNF-REAC UG/L PHENOL	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	P1PCBT PCB TOTAL NG/L	X3PCPH PENTACHL PHENOL NG/L	P3245T 2,4,5-T NG/L
81 02 26 0930		.3	1	132.0		0.090		0.003<	0.0002<	20<W		
81 03 04 0930		.3	1	200.0		0.050<		0.003<	0.0002<	20<W		
81 03 10 1100		.3	1	190.0		0.040<	0.004	0.003<	0.0003			
81 03 18 0930		.3	1	175.0		0.040<	0.006	0.003<	0.0002<			
81 03 24 0935		.3	1	146.0				0.010	0.0002<			
81 03 31 0940		.3	1	155.0		0.040<	0.007	0.003<	0.0002<			
81 04 02 1000		.3	1	142.0		0.040<	0.005	0.003<	0.0002<		50<W	50<W
81 04 06 0940		.3	1	128.0			0.007	0.003<	0.0002<			
81 04 07 1000		.3	1	90.0		0.030<	0.006	0.004	0.0002<	20<W	90	50<W
81 04 08 0930		.3	1	76.0		0.030<	0.003	0.003<	0.0002<	20<W	50	50<W
81 04 09 0930		.3	1	82.0		0.030<	0.004	0.003<	0.0002<			
81 04 10 0930		.3	1	70.0		0.040<	0.004	0.003<	0.0002<			
81 04 14 0945		.3	1	48.0		0.050<		0.003<	0.0002<	20<W		
81 04 16 0915		.3	1	70.0		0.040<	0.003	0.003<	0.0002<		130	50<W
81 04 21 0930		.3	1	72.0		0.030<		0.003<	0.0002<	20<W		
81 04 23 0915		.3	1	76.0		0.050<	0.001<	0.003<	0.0002<	20<W	130	50<W
81 04 28 0945		.3	1	52.8		0.030<		0.003<	0.0002<	20<W		
81 04 30 0815		.3	1	52.4		0.050<	0.001<	0.003<	0.0002<			
81 05 06		.3	1			0.04 <		0.003<	0.0002<			
81 05 07 1000		.3	1		1<T	0.04 <	0.001<	0.003<	0.0002<	20<W		
81 05 12 1000		.3	1			0.05 <	0.004	0.003<	0.0002			
81 05 14 0945		.3	1			0.04 <	0.003	0.003<	0.0003			
81 05 19 0940		.3	1				0.003	0.003<	0.0002<	20<W		
81 05 21 0945		.3	1				0.010	0.003<	0.0002<			
81 05 26 0940		.3	1			0.08 <	0.008	0.003<	0.0002<	20<W		
81 05 28 1000		.3	1				0.003	0.003<	0.0002<			
81 06 04 1000		.3	1			0.06 <	0.003	0.003	0.0002<			
81 06 10 1010		.3	1				0.005	0.007	0.0002	20<W	50<W	50<W
81 06 11 0930		.3	1				0.001<	0.003<	0.0002<			
81 06 16 0930		.3	1				0.005	0.003<	0.0001<			
81 06 18 0930		.3	1			0.05 <	0.003	0.003	0.0002<			
81 06 23 0930		.3	1				0.003	0.003<	0.0005			
81 06 25 0930		.3	1				0.002	0.003<	0.0002<			
81 06 30 1000		.3	1				0.003	0.003<	0.0002<			
81 07 07 0910		.3	1		3	0.05 <	0.009	0.003<	0.0002<		125	50<W
81 07 14 0930		.3	1				0.003	0.003<	0.0004			
81 07 21 1000		.3	1			0.04 <	0.002	0.003<	0.0002			
81 07 28 1030		.3	1				0.003	0.003<	0.0002			
81 08 04 0930		.3	1			0.08 <	0.013	0.003	0.0001<	20<W	500	50<W
81 08 11 0930		.3	1				0.004	0.004	0.0001<			
81 08 18 0930		.3	1			0.05 <	0.003	0.003<	0.0002<			
81 08 25 0939		.3	1				0.002	0.003<	0.0001<			
81 09 01 0930		.3	1			0.04 <	0.002	0.003<	0.0002<	20<W	80	50<W
81 09 08 0930		.3	1				0.002	0.003<	0.0002<			
81 09 15 0930		.3	1			0.04 <	0.003	0.003<	0.0001<			
81 09 22 0930		.3	1				0.004	0.003<	0.0001<			
81 09 29 0930		.3	1			0.05 <	0.004	0.006	0.0005			
81 10 06 0930		.3	1		4	0.04 <	0.006	0.003	0.0003	20<W	400	50<W
81 10 13 0930		.3	1				0.003	0.003<	0.0002<			
81 10 20 0930		.3	1			0.04 <	0.002	0.003<	0.0002			
81 10 27 0930		.3	1				0.002	0.003	0.0003			
81 11 03 0930		.3	1		5<T	0.04 <	0.052	0.016	0.0009	20<W	50<W	50<W
81 11 10 0930		.3	1				0.007	0.007	0.0006			
81 11 17 0930		.3	1			0.08 <	0.005	0.006	0.0002			
81 11 26 0930		.3	1				0.004	0.003<	0.0002			
81 12 01 0930		.3	1			0.02 <	0.004	0.005	0.0002	20<W	700	50<W
81 12 08 0930		.3	1				0.002	0.004	0.0002			
81 12 16 0930		.3	1			0.02 <	0.003	0.003<	0.0002<			
MAXIMUM				**200.0**	**5**	**0.090**	**0.052**	**0.016**	**0.0009**		**700**	**50**
ARITH MEAN				**108.7**	**3<A**	**0.090**	**0.005**	**0.006**	**0.0003**		**196<A**	**50<A**
GEOM MEAN				**98.2**	**3<A**		**0.004**	**0.005**	**0.0003**		**124<A**	**50<A**
MINIMUM				**48.0**	**1**	**0.090**	**0.002**	**0.003**	**0.0002**		**50**	**50**
STD DEV (GEOM *)				**50.0**	**2<A**		**0.007**	**0.004**	**0.0002**		**216<A**	**0<A**
# SAMPLES (IN STATISTICS)				**18**	**4**	**1**	**47**	**15**	**18**		**12**	**12**

B.O.W / SITE: **SPANISH RIVER**
SAMPLE POINT: **AT BRIDGE SOUTH OF THE TOWN OF MASSEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-038-83**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0417750.0 5117450.0 4** REGION: **05** DISTANCE: **30.094**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L
81 01 25 1900		.3	1	21601	8	0.023			0.480				
81 02 25 1900		.3	1	21624	8	0.018	0.003		0.420	0.005	0.235		
81 03 26 1700		.3	1	21648		0.020	0.004		0.830	0.009	0.361		
81 05 27		.3	1	21671		0.012	0.001<T	0.114	0.66	0.001	0.140	0.140	0.255
MAXIMUM						**0.023**	**0.004**	**0.114**	**0.830**	**0.009**	**0.361**	**0.140**	**0.255**
ARITH MEAN						**0.018**	**0.003<A**	**0.114**	**0.59**	**0.005**	**0.245**	**0.140**	**0.255**
GEOM MEAN						**0.018**	**0.002<A**		**0.57**	**0.004**	**0.228**		
MINIMUM						**0.012**	**0.001**	**0.114**	**0.420**	**0.001**	**0.140**	**0.140**	**0.255**
STD DEV (GEOM *)						**0.005**	**0.002<A**		**0.18**	**0.004**	**0.111**		
# SAMPLES (IN STATISTICS)						**4**	**3**	**1**	**4**	**3**	**3**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3
81 01 25 1900		.3	1			80.0	5.0	75.000	116.0	1.20	6.750	22.000	.
81 02 25 1900		.3	1		0.660		3.00	74.000	114.0				20.0
81 03 26 1700		.3	1		1.200		3.00	107.000	165.0				22.0
81 05 27		.3	1	0.546	0.801		2	43	66			8.5	24
MAXIMUM				**0.546**	**1.200**	**80.0**	**5.0**	**107.000**	**165.0**	**1.20**	**6.750**	**22.000**	**24**
ARITH MEAN				**0.546**	**0.887**	**80.0**	**3**	**74**	**115**	**1.20**	**6.750**	**15.2**	**22**
GEOM MEAN					**0.859**		**3**	**71**	**109**			**13.6**	**21**
MINIMUM				**0.546**	**0.660**	**80.0**	**2**	**43**	**66**	**1.20**	**6.750**	**8.5**	**20.0**
STD DEV (GEOM *)					**0.280**		**1**	**26**	**40**			**9.5**	**2**
# SAMPLES (IN STATISTICS)				**1**	**3**	**1**	**4**	**4**	**4**	**1**	**1**	**2**	**3**

(CONTD)

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **AT BRIDGE SOUTH OF THE TOWN OF MASSEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-038-83**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0417750.0 5117450.0 4** REGION: **05** DISTANCE: **30.094**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 25 1900	.3	1	7.18	0.290		0.004<	0.550		0.004	0.003<	0.0002<	0.043
81 02 25 1900	.3	1	7.01		0.001<	0.040<		0.005	0.001<	0.003<	0.0003	0.010
81 03 26 1700	.3	1	7.47		0.001<	0.060<		0.002<	0.001<	0.003<	0.0002<	0.007
81 05 27	.3	1	7.30	0.14	0.001<		0.065		0.001	0.003<		0.005
MAXIMUM				**7.47**	**0.290**			**0.550**	**0.005**	**0.004**		**0.0003**	**0.043**
ARITH MEAN				**7.24**	**0.21**			**0.307**	**0.005**	**0.002**		**0.0003**	**0.016**
GEOM MEAN				**7.24**	**0.20**			**0.189**		**0.002**			**0.011**
MINIMUM				**7.01**	**0.14**			**0.065**	**0.005**	**0.001**		**0.0003**	**0.005**
STD DEV (GEOM *)				**0.19**	**0.10**			**0.343**		**0.002**			**0.018**
# SAMPLES (IN STATISTICS)				**4**	**2**			**2**	**1**	**2**		**1**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
81 01 25 1900	.3	1		0.040<	0.032	
81 03 26 1700	.3	1				20<W
81 05 27	.3	1		0.016	0.0005	
MAXIMUM				**0.016**	**0.032**	
ARITH MEAN				**0.016**	**0.016**	
GEOM MEAN					**0.004**	
MINIMUM				**0.016**	**0.0005**	
STD DEV (GEOM *)					**0.022**	
# SAMPLES (IN STATISTICS)				**1**	**2**	

B.O.W./ SITE: **JUNCTION CREEK WEST BRANCH**
SAMPLE POINT: **AT LASALLE BLVD SUDBURY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-040-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0501570.0 5151860.0 4** REGION: **05** DISTANCE: **138.722**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 11 0930	.3	1		24022	2								
81 03 15 1420	.3	1		24050	4 6 8	0.0	9.0	0.007	0.001	0.800	1.190	0.006	0.569
81 04 19 0735	.3	1		24075	3 6 8	4.0	8.00	0.030	0.001	0.120	3.66	0.034	4.470
81 05 24 1055	.3	1		24117	6 8	15.0	9.00	0.010	0.001	0.320	5.55	0.006	5.000
81 06 21 0945	.3	1		24147	6 8	20.0	8.00	0.022	0.002	6.40	6.80	0.003	7.50
81 08 03 1150	.3	1		24179	6 8	21.0	8.00	0.006	0.001	2.400	2.65	0.002	3.200
81 09 05 1700	.3	1		24208	6 8	19.0	9.00	0.022	0.001	1.930	2.40	0.001	2.200
81 10 04 1410	.3	1		24242	6 8	5.0	8.00	0.012	0.001<T	2.100	2.45	0.001	2.500
81 11 01 1745	.3	1		24280	6 8	6.0	9.00	0.012	0.001	2.640	3.10	0.001	3.650
81 12 06 1000	.3	1		24313	6 8	0.0	9.00	0.010	0.002	1.250	1.65	0.003	1.800
MAXIMUM						**21.0**	**9.0**	**0.030**	**0.002**	**6.40**	**6.80**	**0.034**	**7.50**
ARITH MEAN						**12.9**	**8.5**	**0.015**	**0.001<A**	**1.99**	**3.27**	**0.006**	**3.43**
GEOM MEAN						**10.5**	**8.5**	**0.013**	**0.001<A**	**1.22**	**2.86**	**0.003**	**2.81**
MINIMUM						**4.0**	**8.00**	**0.006**	**0.001**	**0.120**	**1.190**	**0.001**	**0.569**
STD DEV (GEOM *)						**7.6**	**0.5**	**0.008**	**0.000<A**	**1.88**	**1.82**	**0.011**	**2.04**
# SAMPLES (IN STATISTICS)						**7**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
81 03 15 1420	.3	1			1.375	0.390	1.765	755.0	2.0		1260.0	1.30	285.000
81 04 19 0735	.3	1		4.500	4.624	3.540	8.164		11	829	1140		
81 05 24 1055	.3	1		5.000	5.326	5.230	10.556		7	1427	1750		
81 06 21 0945	.3	1		7.50	13.903	0.400	14.303		3	1575	1800		
81 08 03 1150	.3	1		3.200	5.602	0.250	5.852		4.4	1383	1650		
81 09 05 1700	.3	1		2.200	4.131	0.470	4.601		19.6	662	880		
81 10 04 1410	.3	1		2.500	4.601	0.350	4.951				1100		
81 11 01 1745	.3	1		3.650	6.291	0.460	6.751		12.0	1039	1240		
81 12 06 1000	.3	1		1.800	3.053	0.400	3.453		16.0	560	870		
MAXIMUM				**7.50**	**13.903**	**5.230**	**14.303**	**755.0**	**19.6**	**1575**	**1800**	**1.30**	**285.000**
ARITH MEAN				**3.79**	**5.434**	**1.277**	**6.711**	**755.0**	**9**	**1068**	**1298**	**1.30**	**285.000**
GEOM MEAN				**3.43**	**4.622**	**0.654**	**5.740**		**7**	**999**	**1256**		
MINIMUM				**1.800**	**1.375**	**0.250**	**1.765**	**755.0**	**2.0**	**560**	**870**	**1.30**	**285.000**
STD DEV (GEOM *)				**1.86**	**3.494**	**1.813**	**3.839**		**6**	**401**	**354**		
# SAMPLES (IN STATISTICS)				**8**	**9**	**9**	**9**	**1**	**8**	**7**	**9**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
81 03 15 1420	.3	1				6.87		0.001<	0.150	0.002<	0.200	0.003<	0.003
81 04 19 0735	.3	1		369.0	5	4.85	0.23	0.001<	2.600		0.930	0.004	
81 05 24 1055	.3	1		767.0	2	5.07	0.18	0.001<	5.300		1.700	0.039	
81 06 21 0945	.3	1		815	2	4.80	0.22	0.001<	6.000		1.800	0.010	
81 08 03 1150	.3	1		735	3	4.63	0.180	0.001<	6.500		3.100	0.041	
81 09 05 1700	.3	1		359.0	2	4.83	0.480	0.001<	3.100		0.860	0.003<	
81 10 04 1410	.3	1		419.0	3	4.80	0.36	0.001<	5.900		1.100	0.006	
81 11 01 1745	.3	1		610.0	2	4.90	0.26	0.001<	4.000		1.100	0.030	
81 12 06 1000	.3	1		292.0	14	7.50	0.48	0.001<	2.500		0.620	0.015	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD
MAXIMUM				815	14	7.50	0.48		6.500		3.100	0.041	0.003
ARITH MEAN				545	4	5.36	0.29		4.006		1.268	0.021	0.003
GEOM MEAN				509	3	5.28	0.27		2.905		1.014	0.015	
MINIMUM				292.0	2	4.63	0.18		0.150		0.200	0.004	0.003
STD DEV (GEOM *)				209	4	1.05	0.12		2.103		0.846	0.016	
# SAMPLES (IN STATISTICS)				8	8	9	8		9		9	7	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 03 15 1420		.3	1	0.350		4.000	0.120
81 04 19 0735		.3	1	0.500	0.760	10.000	
81 05 24 1055		.3	1	1.400	1.950	29.000	
81 06 21 0945		.3	1	1.400	1.740	33.0000	
81 08 03 1150		.3	1	2.000	1.80	27.0000	
81 09 05 1700		.3	1	0.950	1.12	9.2000	
81 10 04 1410		.3	1	1.000	1.350	25.0000	
81 11 01 1745		.3	1	0.910	1.440	21.000	
81 12 06 1000		.3	1	0.560	0.860	11.000	
MAXIMUM				2.000	1.950	33.0000	0.120
ARITH MEAN				1.008	1.37	18.800	0.120
GEOM MEAN				0.885	1.31	15.606	
MINIMUM				0.350	0.760	4.000	0.120
STD DEV (GEOM *)				0.524	0.44	10.402	
# SAMPLES (IN STATISTICS)				9	8	9	1

B.O.W./ SITE: **COPPER CLIFF CREEK**
SAMPLE POINT: **AT BALSAN ST.& SMELTER RD.COPPER CLIFF**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-041-02**
STORET CODE: **02 002 7950**

LAT LONG: U.T.M: **17 0495420.0 5146140.0 4** REGION: **05** DISTANCE: **132.445**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 01 09 1625		.3	1	24005	6 8	0.0	8.0	0.105	0.001<	29.000	75.600	0.315	2.070
81 03 15 1315		.3	1	24048	6 8	2.0	7.0	0.075	0.001<	52.500	74.800	0.390	2.010
MAXIMUM						2.0	8.0	0.105		52.500	75.600	0.390	2.070
ARITH MEAN						2.0	7.5	0.090		40.750	75.200	0.352	2.040
GEOM MEAN							7.5	0.089		39.019	75.199	0.350	2.040
MINIMUM						2.0	7.0	0.075		29.000	74.800	0.315	2.010
STD DEV (GEOM *)							0.7	0.021		16.617	0.566	0.053	0.042
# SAMPLES (IN STATISTICS)						1	2	2		2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 01 09 1625		.3	1	31.385	46.600	77.985	2842.0	31.0	3300.0	27.00	184.000	7.69	0.490
81 03 15 1315		.3	1	54.900	22.300	77.200	2353.0	27.0	3000.0	26.00	185.000	7.59	0.840
MAXIMUM				54.900	46.600	77.985	2842.0	31.0	3300.0	27.00	185.000	7.69	0.840
ARITH MEAN				43.142	34.450	77.592	2597.5	29.0	3150.0	26.50	184.500	7.64	0.665
GEOM MEAN				41.509	32.236	77.591	2586.0	28.9	3146.4	26.50	184.499	7.64	0.642
MINIMUM				31.385	22.300	77.200	2353.0	27.0	3000.0	26.00	184.000	7.59	0.490
STD DEV (GEOM *)				16.628	17.183	0.555	345.8	2.8	212.1	0.71	0.707	0.07	0.247
# SAMPLES (IN STATISTICS)				2	2	2	2	2	2	2	2	2	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 09 1625		.3	1	0.170	0.020	0.035	0.008
81 03 15 1315		.3	1	0.098	0.003<	0.054	4.700
MAXIMUM				0.170	0.020	0.054	4.700
ARITH MEAN				0.134	0.020	0.044	2.354
GEOM MEAN				0.129		0.043	0.194
MINIMUM				0.098	0.020	0.035	0.008
STD DEV (GEOM *)				0.051		0.013	3.318
# SAMPLES (IN STATISTICS)				2	1	2	2

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **AT ORELL STREET CARSON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-042-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0510260.0 5155420.0 4** REGION: **05** DISTANCE: **150.148**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 01 10 1500		.3	1	24018	6 8	0.0	9.0	0.036	0.012	2.700	3.220	1.300	7.000
81 03 15 1040		.3	1	24043	6 8	0.0	8.0	0.015	0.001<	3.900	4.880	1.500	6.000
81 04 19 0800		.3	1	24076	3 6 8	4.0	10.00	0.095	0.072	2.050	2.56		
81 05 23 1610		.3	1	24105	6 8	15.0	10.00	0.019	0.001<T	3.900	4.73	1.850	8.150
81 06 20 1555		.3	1	24135	6 8	20.0	9.00	0.023	0.004	5.65	6.96		
81 08 01 1430		.3	1	24169	6 8	21.0	10.00	0.018	0.005	0.004	0.32	0.010	5.490
81 09 05 1430		.3	1	24203	6 8	19.0	9.00	0.025	0.001<T	2.5	3.25	1.50	5.50
81 10 04 1145		.3	1	24237	6 8	6.0	10.00	0.056	0.009	3.150	3.54	1.550	7.450
81 10 30 1545		.3	1	24252	6 8	6.0	9.00	0.030	0.001<T		7.00		
81 12 05 1600		.3	1	24302	6 8	0.0	9.00	0.035	0.001<T	4.450	5.75	2.050	7.950
MAXIMUM						**21.0**	**10.00**	**0.095**	**0.072**	**5.65**	**7.00**	**2.050**	**8.150**
ARITH MEAN						**13.0**	**9.3**	**0.035**	**0.012<A**	**3.1**	**4.22**	**1.39**	**6.79**
GEOM MEAN						**10.8**	**9.2**	**0.030**	**0.004<A**	**1.5**	**3.38**	**0.77**	**6.71**
MINIMUM						**4.0**	**8.0**	**0.015**	**0.001**	**0.004**	**0.32**	**0.010**	**5.490**
STD DEV (GEOM *)						**7.4**	**0.6**	**0.024**	**0.023<A**	**1.6**	**2.07**	**0.65**	**1.12**
# SAMPLES (IN STATISTICS)						**7**	**10**	**10**	**9**	**9**	**10**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 01 10 1500		.3	1		11.000	0.520	11.520	849.0	2.0		1140.0	0.51	67.000
81 03 15 1040		.3	1		11.400	0.980	12.380	833.0	2.0		1200.0	0.73	89.000
81 04 19 0800		.3	1	8.50		0.510	11.060		0.4	780	1100		
81 05 23 1610		.3	1	10.000	13.900	0.830	14.730		1	732	1220		
81 06 20 1555		.3	1			1.310			8	989	1600		
81 08 01 1430		.3	1	5.500	5.504	0.316	5.820		1.2	1063	1440		
81 09 05 1430		.3	1	7	9.500	0.750	10.250		17.6	708	1090		
81 10 04 1145		.3	1	9.000	12.150	0.390	12.540				1240		
81 10 30 1545		.3	1						9.9	1075	1750		
81 12 05 1600		.3	1	10.000	14.450	1.300	15.750		18.9	1566	4500		
MAXIMUM				**10.000**	**14.450**	**1.310**	**15.750**	**849.0**	**18.9**	**1566**	**4500**	**0.73**	**89.000**
ARITH MEAN				**8**	**11.129**	**0.767**	**11.756**	**841.0**	**6**	**988**	**1628**	**0.62**	**78.000**
GEOM MEAN				**8**	**10.695**	**0.687**	**11.341**	**841.0**	**3**	**953**	**1463**	**0.61**	**77.220**
MINIMUM				**5.500**	**5.504**	**0.316**	**5.820**	**833.0**	**0.4**	**708**	**1090**	**0.51**	**67.000**
STD DEV (GEOM *)				**1**	**3.004**	**0.371**	**3.020**	**11.3**	**7**	**298**	**1033**	**0.16**	**15.556**
# SAMPLES (IN STATISTICS)				**6**	**7**	**9**	**8**	**2**	**9**	**7**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 01 10 1500		.3	1			9.02			0.010	0.009	0.003<	0.005	
81 03 15 1040		.3	1			9.78			0.022	0.010	0.003<	0.005	
81 04 19 0800		.3	1	353.0	21	6.23	0.03	0.001<	0.020	0.014	0.003<	0.009	0.024
81 05 23 1610		.3	1	435.0	42	10.06	0.01	0.001<	0.021	0.007	0.020	0.002	0.004
81 06 20 1555		.3	1	410.0	87	11.41	0.03	0.001<	0.051	0.014	0.003<	0.002	0.004
81 08 01 1430		.3	1	522.0	26	7.39	0.06	0.001<	0.130	0.016	0.006	0.014	0.016
81 09 05 1430		.3	1	309.0	63	11.01	0.04	0.001<	2.900	0.300	0.003<	0.250	0.010
81 10 04 1145		.3	1	370.0	73	10.91	0.02	0.001<	0.004	0.012	0.003<	0.002	0.008
81 10 30 1545		.3	1		146	11.36	0.02	0.001<	0.049	0.018	0.005	0.008	0.004
81 12 05 1600		.3	1	337.0	673	12.21	0.02	0.001<	0.170	0.029	0.003<	0.027	0.002
MAXIMUM				**522.0**	**673**	**12.21**	**0.06**		**2.900**	**0.300**	**0.020**	**0.250**	**0.024**
ARITH MEAN				**390.9**	**141**	**9.94**	**0.03**		**0.338**	**0.043**	**0.010**	**0.032**	**0.009**
GEOM MEAN				**385.5**	**74**	**9.75**	**0.03**		**0.048**	**0.018**	**0.008**	**0.008**	**0.007**
MINIMUM				**309.0**	**21**	**6.23**	**0.01**		**0.004**	**0.007**	**0.005**	**0.002**	**0.002**
STD DEV (GEOM *)				**71.9**	**218**	**1.90**	**0.02**		**0.902**	**0.091**	**0.008**	**0.077**	**0.008**
# SAMPLES (IN STATISTICS)				**7**	**8**	**10**	**8**		**10**	**10**	**3**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*NIUT*
81 01 10 1500		.3	1	0.190
81 03 15 1040		.3	1	0.160
81 04 19 0800		.3	1	0.410
81 05 23 1610		.3	1	0.037
81 06 20 1555		.3	1	0.0350
81 08 01 1430		.3	1	0.1000
81 09 05 1430		.3	1	2.2000
81 10 04 1145		.3	1	0.1100
81 10 30 1545		.3	1	0.0610
81 12 05 1600		.3	1	0.027
MAXIMUM				**2.2000**
ARITH MEAN				**0.333**
GEOM MEAN				**0.120**
MINIMUM				**0.027**
STD DEV (GEOM *)				**0.665**
# SAMPLES (IN STATISTICS)				**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NOLIN CREEK**
SAMPLE POINT: **AT HIGHWAY NO 144**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-043-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0498240.0 5148520.0 4** REGION: **05** DISTANCE: **139.848**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 01 10 0900		.3	1	24006	4 6 8	0.012	0.0	8.0	0.030	0.001<	24.000	30.100	0.009
81 03 15 1350		.3	1	24049	6 8	0.130	1.0	8.0	0.002	0.001<	11.600	14.100	0.008
81 04 18 1100		.3	1	24061	3 6 8	0.261	4.0	8.00	8.870	0.001<W	7.40	8.87	0.012
81 05 24 1000		.3	1	24115	6 8	0.063	15.0	8.00	0.004	0.001	0.390	7.38	0.055
81 06 21 0850		.3	1	24145	6 8	0.010	21.0	7.00	0.020	0.001	19.1	22.75	0.028
81 08 03 1100		.3	1	24177	6 8	0.032	22.0	7.00	0.010	0.001<T	19.8	23.80	0.005
81 09 05 2055		.3	1	24214	6 8 9	0.913	21.0	7.00	0.220	0.001	4.65	6.20	0.006
81 10 04 1700		.3	1	24248	6 8 9	0.220	7.0	8.00	0.025	0.001<T	5.900	7.19	0.004
81 11 01 1100		.3	1	24267	6 8	0.132	7.0	8.00	0.012	0.001<T	10.400	13.50	0.008
81 12 06 0930		.3	1	24312	6 8 9	0.100	1.0	7.00	0.012	0.001<T	6.800	8.75	0.010
MAXIMUM						**0.913**	**22.0**	**8.0**	**8.870**	**0.001**	**24.000**	**30.100**	**0.055**
ARITH MEAN						**0.187**	**11.0**	**7.6**	**0.920**	**0.001<A**	**11.0**	**14.26**	**0.014**
GEOM MEAN						**0.086**	**6.7**	**7.5**	**0.028**	**0.001<A**	**7.5**	**12.29**	**0.010**
MINIMUM						**0.010**	**1.0**	**7.00**	**0.002**	**0.001**	**0.390**	**6.20**	**0.004**
STD DEV (GEOM *)						**0.269**	**8.8**	**0.5**	**2.794**	**0.000<A**	**7.6**	**8.40**	**0.016**
# SAMPLES (IN STATISTICS)						10	9	10	10	8	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 01 10 0900		.3	1	0.141		24.150	6.100	30.250	3053.0	25.0		5400.0	7.80
81 03 15 1350		.3	1	0.387		11.995	2.500	14.495	1785.0	7.0		2600.0	2.30
81 04 18 1100		.3	1	1.390	1.400	8.802	1.470	10.272		13	1885	2900	7.50
81 05 24 1000		.3	1	0.195	0.250	0.640	6.990	7.630		8	1089	1500	2.00
81 06 21 0850		.3	1	0.222	0.250	19.350	3.650	23.000		2	2502	3050	1.10
81 08 03 1100		.3	1	0.135	0.140	19.940	4.000	23.940		19.5	2685	3100	3.60
81 09 05 2055		.3	1	2.340	2.350	6.996	1.550	8.546		730.0	1966	2160	15.60
81 10 04 1700		.3	1	1.050	1.050	6.954	1.290	8.244				3500	1.54
81 11 01 1100		.3	1	1.040	1.050	11.448	3.100	14.548		26.6	2070	2700	3.40
81 12 06 0930		.3	1	0.730	0.740	7.540	1.950	9.490		20.3	1296	2200	8.50
MAXIMUM				**2.340**	**2.350**	**24.150**	**6.990**	**30.250**	**3053.0**	**730.0**	**2685**	**5400.0**	**15.60**
ARITH MEAN				**0.763**	**0.904**	**11.781**	**3.260**	**15.041**	**2419.0**	**94**	**1928**	**2911**	**5.33**
GEOM MEAN				**0.492**	**0.626**	**8.754**	**2.781**	**13.381**	**2334.4**	**18**	**1845**	**2763**	**3.86**
MINIMUM				**0.135**	**0.140**	**0.640**	**1.290**	**7.630**	**1785.0**	**2**	**1089**	**1500**	**1.10**
STD DEV (GEOM *)				**0.713**	**0.741**	**7.259**	**1.972**	**7.967**	**896.6**	**238**	**582**	**1043**	**4.54**
# SAMPLES (IN STATISTICS)				10	8	10	10	10	2	9	7	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*
81 01 10 0900		.3	1	79.000			12.02						
81 03 15 1350		.3	1	87.000			11.36		0.001<	0.410	0.002<	0.039	0.003<
81 04 18 1100		.3	1		1008	271	11.68	0.06	0.001<	0.990		0.040	0.003<
81 05 24 1000		.3	1		569.0	70	11.00	0.28	0.001<	0.110		0.041	0.037
81 06 21 0850		.3	1		1290	24	11.57	0.09	0.001<	0.220		0.015	0.003<
81 08 03 1100		.3	1		1560.0	172	10.20	0.130	0.001<	0.180		0.034	0.015
81 09 05 2055		.3	1		1296	319	10.66	0.152	0.001<	2.200		2.700	0.075
81 10 04 1700		.3	1		794.0	554	12.04	0.19	0.001<	0.650		0.050	0.003<
81 11 01 1100		.3	1			209	8.15	0.34	0.001<	0.460		0.031	0.003<
81 12 06 0930		.3	1				11.51	1.06	0.001<	0.600		0.130	0.009
MAXIMUM				**87.000**	**1560.0**	**554**	**12.04**	**1.06**		**2.200**		**2.700**	**0.075**
ARITH MEAN				**83.000**	**1086**	**231**	**11.02**	**0.28**		**0.647**		**0.342**	**0.034**
GEOM MEAN				**82.904**	**1029**	**162**	**10.96**	**0.19**		**0.446**		**0.064**	**0.025**
MINIMUM				**79.000**	**569.0**	**24**	**8.15**	**0.06**		**0.110**		**0.015**	**0.009**
STD DEV (GEOM *)				**5.657**	**365**	**176**	**1.16**	**0.32**		**0.643**		**0.885**	**0.030**
# SAMPLES (IN STATISTICS)				2	6	7	10	8		9		9	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 03 15 1350		.3	1	0.0002<	0.010		0.210	0.007
81 04 18 1100		.3	1		0.004	0.007	0.076	
81 05 24 1000		.3	1		0.005	0.016	0.080	
81 06 21 0850		.3	1		0.006	0.006	0.0400	
81 08 03 1100		.3	1		0.008	0.018	0.0810	
81 09 05 2055		.3	1		0.110	3.65	2.9000	
81 10 04 1700		.3	1		0.004	0.012	0.0760	
81 11 01 1100		.3	1		0.003	0.018	0.1300	
81 12 06 0930		.3	1		0.016	0.038	0.580	
MAXIMUM					**0.110**	**3.65**	**2.9000**	**0.007**
ARITH MEAN					**0.018**	**0.47**	**0.463**	**0.007**
GEOM MEAN					**0.008**	**0.02**	**0.160**	
MINIMUM					**0.003**	**0.006**	**0.0400**	**0.007**
STD DEV (GEOM *)					**0.035**	**1.28**	**0.928**	
# SAMPLES (IN STATISTICS)					9	8	9	1

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **UPSTR.FROM E B EDDY PAPER MILL ESPANOLA**
STATION TYPE: **RIVER FLOW GAUGE FED 02CE001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-045-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0440725.0 5124250.0 4** REGION: **05** DISTANCE: **50.532**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 06 09 1035		.3	1	22211	8	90.800	17.0	9.40	0.2	0.012	0.001	0.178	0.57
81 06 29 1115		.3	1	22228	8	136.000	19.0	9.50	0.6	0.012	0.003	0.002<T	0.28
81 07 16 1045		.3	1	22235	8	97.000	24.5	8.70	1.0	0.010	0.001<T	0.094	0.43
81 07 22 1100		.3	1	22257	8	69.500	22.5	8.50	0.6	0.011	0.001	0.030	0.59
81 08 04 1200		.3	1	22261	8	52.400	22.5	8.20	0.8	0.011	0.002	0.008	0.40
81 08 13 1610		.3	1	22271	8	78.600	22.5	8.80	1.0	0.010	0.002	0.044	0.33
	MAXIMUM					**136.000**	**24.5**	**9.50**	**1.0**	**0.012**	**0.003**	**0.178**	**0.59**
	ARITH MEAN					**87.383**	**21.3**	**8.85**	**0.7**	**0.011**	**0.002<A**	**0.059<A**	**0.43**
	GEOM MEAN					**83.661**	**21.2**	**8.84**	**0.6**	**0.011**	**0.002<A**	**0.027<A**	**0.42**
	MINIMUM					**52.400**	**17.0**	**8.20**	**0.2**	**0.010**	**0.001**	**0.002**	**0.28**
	STD DEV (GEOM *)					**28.596**	**2.8**	**0.51**	**0.3**	**0.001**	**0.001<A**	**0.067<A**	**0.13**
	# SAMPLES (IN STATISTICS)					**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4
81 06 09 1035		.3	1	0.045	0.390	0.435	0.613	0.392	1.005	1	104	160	41.5
81 06 29 1115		.3	1	0.001<T	0.470	0.470	0.473	0.278	0.751	3	92	138	34.5
81 07 16 1045		.3	1	0.010	0.350	0.360	0.454	0.336	0.790	1 <T	104	160	40.0
81 07 22 1100		.3	1	0.056	0.245	0.300	0.331	0.560	0.891	1	91	140	35.5
81 08 04 1200		.3	1	0.062	0.245	0.305	0.315	0.392	0.707	0.9	87	134	32.5
81 08 13 1610		.3	1	0.011	0.190	0.200	0.245	0.286	0.531	0.1<W	68	104	24.0
	MAXIMUM			**0.062**	**0.470**	**0.470**	**0.613**	**0.560**	**1.005**	**3**	**104**	**160**	**41.5**
	ARITH MEAN			**0.031<A**	**0.315**	**0.345**	**0.405**	**0.374**	**0.779**	**1 <A**	**91**	**139**	**34.7**
	GEOM MEAN			**0.016<A**	**0.300**	**0.332**	**0.387**	**0.363**	**0.764**	**0 <A**	**90**	**138**	**34.1**
	MINIMUM			**0.001**	**0.190**	**0.200**	**0.245**	**0.278**	**0.531**	**0.1**	**68**	**104**	**24.0**
	STD DEV (GEOM *)			**0.027<A**	**0.106**	**0.099**	**0.134**	**0.104**	**0.162**	**1 <A**	**13**	**21**	**6.2**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
81 06 09 1035		.3	1	18	7.39	14.0	7.6	21
81 06 29 1115		.3	1	16	7.24	13.0	6.7	8
81 07 16 1045		.3	1	19	7.53	14.2	7.3	14
81 07 22 1100		.3	1	18	7.47	13.2	6.6	20
81 08 04 1200		.3	1	19	7.24	12.0	6.2	16
81 08 13 1610		.3	1	17	7.45	9.6	4.4	2
	MAXIMUM			**19**	**7.53**	**14.2**	**7.6**	**21**
	ARITH MEAN			**18**	**7.39**	**12.7**	**6.5**	**13**
	GEOM MEAN			**18**	**7.39**	**12.6**	**6.4**	**11**
	MINIMUM			**16**	**7.24**	**9.6**	**4.4**	**2**
	STD DEV (GEOM *)			**1**	**0.12**	**1.7**	**1.1**	**7**
	# SAMPLES (IN STATISTICS)			**6**	**6**	**6**	**6**	**6**

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **UPSTREAM OF SIMON LAKE AT RESERVE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-046-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0486200.0 5138575.0 4** REGION: **05** DISTANCE: **112.973**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
81 01 02 1100		.3	1	24450	4 6 8	0.0	10.0	0.200	0.110	6.000	15.100	0.060	1.740
81 03 13 1700		.3	1	24024	6 8	1.0	2.0	0.104	0.029	12.100	17.200	0.120	1.280
81 04 17 1035		.3	1	24052	3 6 8	4.0	8.00	0.139	0.009	0.028	9.64	1.27	0.880
81 05 22 1700		.3	1	24085	6 8	16.0	9.00	0.129	0.003	1.300	6.92		
81 06 19 1430		.3	1	24118	6 8	20.0	2.00	0.143	0.050	4.700	7.50	0.175	5.320
81 07 31 1600		.3	1	24151	6 8	21.0	8.00	0.268	0.125	2.700	3.75	1.500	2.700
81 09 04 1640		.3	1	24186	6 8 9	20.0	7.00	0.078	0.003	4.00	8.16	0.270	2.53
81 10 03 0715		.3	1	24217	6 8 9	6.0	8.00	0.245	0.004	2.400	5.23	0.825	4.070
81 10 31 0820		.3	1	24258	6 8 9	6.0	7.00	0.093	0.042	2.260	7.90	0.073	6.110
81 12 04 1300		.3	1	24282	6 8 9	0.0	8.00	0.262	0.058	4.100	8.62		
	MAXIMUM					**21.0**	**10.0**	**0.268**	**0.125**	**12.100**	**17.200**	**1.500**	**6.110**
	ARITH MEAN					**11.7**	**6.9**	**0.166**	**0.043**	**3.95**	**9.00**	**0.53**	**3.07**
	GEOM MEAN					**8.1**	**6.1**	**0.152**	**0.021**	**2.22**	**8.22**	**0.28**	**2.54**
	MINIMUM					**1.0**	**2.0**	**0.078**	**0.003**	**0.028**	**3.75**	**0.060**	**0.880**
	STD DEV (GEOM *)					**8.3**	**2.7**	**0.072**	**0.044**	**3.34**	**4.15**	**0.58**	**1.90**
	# SAMPLES (IN STATISTICS)					**8**	**10**	**10**	**10**	**10**	**10**	**8**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
81 01 02 1100		.3	1		7.800	9.100	16.900	1179.0	3.0		1600.0	2.70	74.000
81 03 13 1700		.3	1		13.500	5.100	18.600	771.0	11.0		1140.0	3.50	90.000
81 04 17 1035		.3	1	2.150	2.178	9.612	11.790		14	725	1070		
81 05 22 1700		.3	1	3.650		5.620	10.570		15	725	1060		
81 06 19 1430		.3	1	5.500	10.195	2.800	12.995		13	801	1160		
81 07 31 1600		.3	1	4.200	6.900	1.050	7.950		10.7	1093	1400		
81 09 04 1640		.3	1	2.800	6.800	4.160	10.960		11.0	1095	1410		
81 10 03 0715		.3	1	4.900	7.295	2.830	10.125				1220		
81 10 31 0820		.3	1	6.200	8.443	5.640	14.083		4.8	813	1060		
81 12 04 1300		.3	1	5.000		4.520	13.620		2.3	782	1120		
MAXIMUM				**6.200**	**13.500**	**9.612**	**18.600**	**1179.0**	**15**	**1095**	**1600.0**	**3.50**	**90.000**
ARITH MEAN				**4.300**	**7.889**	**5.043**	**12.759**	**975.0**	**9**	**862**	**1224**	**3.10**	**82.000**
GEOM MEAN				**4.082**	**7.140**	**4.310**	**12.403**	**953.4**	**7**	**850**	**1212**	**3.07**	**81.609**
MINIMUM				**2.150**	**2.178**	**1.050**	**7.950**	**771.0**	**2.3**	**725**	**1060**	**2.70**	**74.000**
STD DEV (GEOM *)				**1.373**	**3.213**	**2.686**	**3.212**	**288.5**	**4**	**162**	**184**	**0.57**	**11.314**
# SAMPLES (IN STATISTICS)				**8**	**8**	**10**	**10**	**2**	**9**	**7**	**10**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				SSO4UR	ALKT	PH	FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT
81 01 02 1100		.3	1			7.49		0.001		0.023	0.003<	0.022	
81 03 13 1700		.3	1			6.32			0.270	0.078	0.007	0.056	
81 04 17 1035		.3	1	341.0	23	5.10	0.47	0.001<	0.250	0.038	0.003<	0.050	0.162
81 05 22 1700		.3	1	404.0	6	4.97	0.59	0.003	0.160	0.023	0.010	0.012	0.178
81 06 19 1430		.3	1	437.0	12	5.75	0.71	0.003	0.110	0.029	0.004	0.039	0.162
81 07 31 1600		.3	1	562.0	7	4.86	0.44	0.002	0.250	0.026	0.003<	0.024	0.228
81 09 04 1640		.3	1	531	12	6.48	0.34	0.002	0.140	0.012	0.005	0.016	0.240
81 10 03 0715		.3	1	557.0	5	6.42	0.43	0.002	0.260	0.029	0.003<	0.030	0.288
81 10 31 0820		.3	1	450.0	10	7.05	0.40	0.002	0.200	0.030	0.003<	0.034	0.280
81 12 04 1300		.3	1	417.0		4.70	1.70	0.001<	0.140	0.019	0.003<	0.020	0.320
MAXIMUM				**562.0**	**23**	**7.49**	**1.70**	**0.003**	**0.270**	**0.078**	**0.010**	**0.056**	**0.320**
ARITH MEAN				**462**	**11**	**5.91**	**0.63**	**0.002**	**0.198**	**0.031**	**0.006**	**0.030**	**0.232**
GEOM MEAN				**456**	**9**	**5.84**	**0.55**	**0.002**	**0.189**	**0.027**	**0.006**	**0.027**	**0.225**
MINIMUM				**341.0**	**5**	**4.70**	**0.34**	**0.001**	**0.110**	**0.012**	**0.004**	**0.012**	**0.162**
STD DEV (GEOM *)				**79**	**6**	**0.98**	**0.45**	**0.001**	**0.062**	**0.018**	**0.003**	**0.014**	**0.061**
# SAMPLES (IN STATISTICS)				**8**	**7**	**10**	**8**	**7**	**9**	**10**	**4**	**10**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				NIUT
81 01 02 1100		.3	1	0.600
81 03 13 1700		.3	1	0.860
81 04 17 1035		.3	1	0.600
81 05 22 1700		.3	1	0.430
81 06 19 1430		.3	1	0.4600
81 07 31 1600		.3	1	0.4300
81 09 04 1640		.3	1	0.0670
81 10 03 0715		.3	1	1.0000
81 10 31 0820		.3	1	1.4000
81 12 04 1300		.3	1	1.0000
MAXIMUM				**1.4000**
ARITH MEAN				**0.684**
GEOM MEAN				**0.548**
MINIMUM				**0.0670**
STD DEV (GEOM *)				**0.382**
# SAMPLES (IN STATISTICS)				**10**

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **100 FEET UPSTR.OF SUDBURY STP OUTFALL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-047-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0497300.0 5145400.0 4** REGION: **05** DISTANCE: **129.227**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR
81 01 09 1455		.3	1	24002	6 8	0.0	8.0		0.075	0.001	42.000	60.500	0.265
81 03 15 1205		.3	1	24045	6 8	1.0	8.0		0.055	0.001	33.400	44.900	0.240
81 04 18 0930		.3	1	24058	3 6 9	4.0	8.00		0.075	0.001<W	0.680	0.00	2.00
81 05 24 0820		.3	1	24112	6 8 9	16.0	7.00		0.044	0.010	25.000	31.70	
81 06 21 0730		.3	1	24142	6 8 9	21.0	6.00		0.398	0.185	26.8	32.50	0.850
81 06 29 1200		.3	1	22229	8	17.5	9.60	0.2<T	0.015	0.006	0.030	0.33	0.032
81 09 05 1925		.3	1	24211	6 8 9	20.0	7.00		0.075	0.001	6.5	10.10	0.640
81 10 04 1525		.3	1	24245	6 8 9	6.0	7.00		0.028	0.001<T	8.000	11.40	0.870
81 11 01 0925		.3	1	24264	6 8 9	6.0	6.00		0.015	0.001<T	17.000	21.80	0.013
81 12 06 0815		.3	1	24309	6 8	0.0	7.00		0.022	0.001<T	27.000	36.00	0.185
MAXIMUM						**21.0**	**9.60**	**0.2**	**0.398**	**0.185**	**42.000**	**60.500**	**2.00**
ARITH MEAN						**11.4**	**7.3**	**0.2<A**	**0.080**	**0.021<A**	**18.6**	**27.69**	**0.56**
GEOM MEAN						**8.0**	**7.2**		**0.047**	**0.003<A**	**7.3**	**16.34**	**0.25**
MINIMUM						**1.0**	**6.00**	**0.2**	**0.015**	**0.001**	**0.030**	**0.33**	**0.013**
STD DEV (GEOM *)						**8.0**	**1.0**		**0.114**	**0.058<A**	**14.4**	**18.83**	**0.62**
# SAMPLES (IN STATISTICS)						**8**	**10**	**1**	**10**	**10**	**10**	**9**	**9**

(CONTD)

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **100 FEET UPSTR.OF SUDBURY STP OUTFALL**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-047-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0497300.0 5145400.0 4** REGION: **05** DISTANCE: **129.227**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 01 09 1455		.3	1	2.450		44.715	18.500	63.215	2345.0	40.0		2800.0	8.80
81 03 15 1205		.3	1	2.060		35.700	11.500	47.200	1629.0	33.0		2150.0	5.60
81 04 18 0930		.3	1	0.850	2.850	3.530	0.680	2.850		24	1286	1750	
81 05 24 0820		.3	1		2.550		6.700	34.250		9	1673	2100	
81 06 21 0730		.3	1	0.170	1.020	27.820	5.700	33.520		17	1885	2300	
81 06 29 1200		.3	1	0.160	0.190	0.222	0.300	0.522		4	60	92	
81 09 05 1925		.3	1	0.610	1.250	7.750	3.600	11.350		77.9	915	1180	
81 10 04 1525		.3	1	0.530	1.400	9.400	3.400	12.800				1220	
81 11 01 0925		.3	1	1.890	1.900	18.903	4.800	23.703		21.4	1434	1700	
81 12 06 0815		.3	1	1.410	1.600	28.595	9.000	37.595		37.0	1580	2100	
MAXIMUM				**2.450**	**2.850**	**44.715**	**18.500**	**63.215**	**2345.0**	**77.9**	**1885**	**2800.0**	**8.80**
ARITH MEAN				**1.126**	**1.595**	**19.626**	**6.418**	**26.700**	**1987.0**	**29**	**1262**	**1739**	**7.20**
GEOM MEAN				**0.775**	**1.286**	**10.356**	**3.929**	**15.203**	**1954.5**	**22**	**907**	**1374**	**7.02**
MINIMUM				**0.160**	**0.190**	**0.222**	**0.300**	**0.522**	**1629.0**	**4**	**60**	**92**	**5.60**
STD DEV (GEOM *)				**0.854**	**0.849**	**15.480**	**5.468**	**20.187**	**506.3**	**21**	**613**	**757**	**2.26**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**10**	**10**	**2**	**9**	**7**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FEUT*	*CAUR*	*NAUR*	*COD*	*ALUT*	*CUUT*
81 01 09 1455		.3	1	191.000			8.89					0.120	0.310
81 03 15 1205		.3	1	249.000			9.03					0.220	0.061
81 04 18 0930		.3	1		787	31	6.75	1.24				0.850	0.250
81 05 24 0820		.3	1		923.0	4	5.15	0.46				0.044	0.029
81 06 21 0730		.3	1		1000	60	9.04	0.44				0.380	0.054
81 06 29 1200		.3	1		19.0	18	7.46		8.6	4.5	17		
81 09 05 1925		.3	1		482.0	37	7.23	7.75				2.300	1.400
81 10 04 1525		.3	1		463.0	42	8.08	1.42				1.500	0.370
81 11 01 0925		.3	1		880.0	37	7.72	1.00				0.400	0.130
81 12 06 0815		.3	1		1016.0	48	9.23	0.48				0.300	0.065
MAXIMUM				**249.000**	**1016.0**	**60**	**9.23**	**7.75**	**8.6**	**4.5**	**17**	**2.300**	**1.400**
ARITH MEAN				**220.000**	**696**	**35**	**7.86**	**1.83**	**8.6**	**4.5**	**17**	**0.679**	**0.297**
GEOM MEAN				**218.080**	**478**	**28**	**7.75**	**1.04**				**0.377**	**0.147**
MINIMUM				**191.000**	**19.0**	**4**	**5.15**	**0.44**	**8.6**	**4.5**	**17**	**0.044**	**0.029**
STD DEV (GEOM *)				**41.012**	**347**	**17**	**1.29**	**2.64**				**0.756**	**0.432**
# SAMPLES (IN STATISTICS)				**2**	**8**	**8**	**10**	**7**	**1**	**1**	**1**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PBUT*	*ZNUT*	*NIUT*
81 01 09 1455		.3	1	0.020	0.026	1.000
81 03 15 1205		.3	1	0.005	0.049	0.750
81 04 18 0930		.3	1	0.003<	0.082	1.900
81 05 24 0820		.3	1	0.020	0.005	0.320
81 06 21 0730		.3	1	0.003<	0.024	1.2000
81 09 05 1925		.3	1	0.003<	0.200	2.8000
81 10 04 1525		.3	1	0.003<	0.120	3.4000
81 11 01 0925		.3	1	0.003<	0.120	4.1000
81 12 06 0815		.3	1	0.005	0.020	0.440
MAXIMUM				**0.020**	**0.200**	**4.1000**
ARITH MEAN				**0.012**	**0.072**	**1.767**
GEOM MEAN				**0.010**	**0.045**	**1.282**
MINIMUM				**0.005**	**0.005**	**0.320**
STD DEV (GEOM *)				**0.009**	**0.064**	**1.369**
# SAMPLES (IN STATISTICS)				**4**	**9**	**9**

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **AT KELLEY LAKE ROAD**
STATION TYPE: **RIVER FLOW GAUGE FED 02CF106**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-048-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0497475.0 5145650.0 4** REGION: **05** DISTANCE: **130.514**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 01 09 1430		.3	1	24001	4 6 8				0.0	8.0	0.057	0.010	2.650
81 03 15 1145		.3	1	24044	6 8				1.0	7.0	0.080	0.023	0.900
81 04 18 0910		.3	1	24057	3 6 9	60A	70A	10<	3.0	7.00	0.068		
81 05 23 0800		.3	1	24111	6 8				16.0	7.00	0.104		
81 06 20 0710		.3	1	24141	6 8 9	940A	9500	56	21.0	7.00	0.655		
81 08 03 0910		.3	1	24174	6 8 9				22.0	7.00	0.028		
81 09 05 1900		.3	1	24210	6 8 9	2100	24000	4<	20.0	7.00	0.095		
81 10 04 1510		.3	1	24244	6 8 9	380A	6600	12	5.0	7.00	0.280		
81 11 01 0900		.3	1	24263	6 8 9	20A	20A	4	6.0	6.00	0.035		
81 12 06 0800		.3	1	24308	6 8				0.0	7.00	0.028		
MAXIMUM						**2100**	**24000**	**56**	**22.0**	**8.0**	**0.655**	**0.023**	**2.650**
ARITH MEAN						**700**	**8038**	**24**	**11.7**	**7.0**	**0.143**	**0.016**	**1.775**
GEOM MEAN						**246**	**1161**	**14**	**7.8**	**6.9**	**0.083**	**0.015**	**1.544**
MINIMUM						**20**	**20**	**4**	**1.0**	**6.00**	**0.028**	**0.010**	**0.900**
STD DEV (GEOM *)						**7***	**25***	**4***	**8.8**	**0.4**	**0.194**	**0.009**	**1.237**
# SAMPLES (IN STATISTICS)						**5**	**5**	**3**	**8**	**10**	**10**	**2**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 01 09 1430		.3	1	2.910	0.015	1.630	4.295	0.260	4.555	741.0	11.0	1020.0	3.50
81 03 15 1145		.3	1	1.530	0.043	1.060	2.003	0.630	2.633	506.0	37.0	780.0	6.80
81 04 18 0910		.3	1								31	700	17.00
81 05 23 0800		.3	1								12	980	4.50
81 06 20 0710		.3	1								7	950	5.00
81 08 03 0910		.3	1								3.8	2300	1.10
81 09 05 1900		.3	1								106.0	610	40.00
81 10 04 1510		.3	1									670	27.00
81 11 01 0900		.3	1								17.8	820	6.10
81 12 06 0800		.3	1								14.4	750	8.40
MAXIMUM				**2.910**	**0.043**	**1.630**	**4.295**	**0.630**	**4.555**	**741.0**	**106.0**	**2300**	**40.00**
ARITH MEAN				**2.220**	**0.029**	**1.345**	**3.149**	**0.445**	**3.594**	**623.5**	**26**	**958**	**11.94**
GEOM MEAN				**2.110**	**0.025**	**1.314**	**2.933**	**0.405**	**3.463**	**612.3**	**16**	**886**	**7.49**
MINIMUM				**1.530**	**0.015**	**1.060**	**2.003**	**0.260**	**2.633**	**506.0**	**3.8**	**610**	**1.10**
STD DEV (GEOM *)				**0.976**	**0.020**	**0.403**	**1.621**	**0.262**	**1.359**	**166.2**	**31**	**491**	**12.49**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**9**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 09 1430		.3	1	107.000		9.05			0.180		0.055	0.003<	0.045
81 03 15 1145		.3	1	110.000		7.46			0.940		0.170	0.004	0.085
81 04 18 0910		.3	1	68.00	39	6.82	1<T	1.75		0.003	0.510	0.003<	0.140
81 05 23 0800		.3	1	104.00	57	7.37	1	0.80		0.002 <	0.150	0.010	0.100
81 06 20 0710		.3	1	99	75	7.59	1	0.65		0.0020	0.120	0.003<	0.063
81 08 03 0910		.3	1	90.00	7	6.63	1<T	0.20		0.0070	0.039	0.003<	0.018
81 09 05 1900		.3	1	32.50	41	6.78	1	11.5		0.0110	2.400	0.003<	0.330
81 10 04 1510		.3	1	19.00	64	8.13	1			0.0020	0.510	0.003<	0.170
81 11 01 0900		.3	1	52.00	46	7.38	1	1.14		0.0080	0.250	0.011	0.240
81 12 06 0800		.3	1	77.00	56	8.78	1<T	0.82		0.003	0.100	0.006	0.041
MAXIMUM				**110.000**	**75**	**9.05**	**1**	**11.5**	**0.940**	**0.0110**	**2.400**	**0.011**	**0.330**
ARITH MEAN				**75**	**48**	**7.60**	**1<A**	**2.4**	**0.560**	**0.005**	**0.430**	**0.008**	**0.123**
GEOM MEAN				**67**	**41**	**7.56**	**1<A**	**1.1**	**0.411**	**0.004**	**0.200**	**0.007**	**0.090**
MINIMUM				**19.00**	**7**	**6.63**	**1**	**0.20**	**0.180**	**0.0020**	**0.039**	**0.004**	**0.018**
STD DEV (GEOM *)				**32**	**21**	**0.82**	**0<A**	**4.0**	**0.537**	**0.003**	**0.713**	**0.003**	**0.099**
# SAMPLES (IN STATISTICS)				**10**	**8**	**10**	**8**	**7**	**2**	**7**	**10**	**4**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 09 1430		.3	1	0.670
81 03 15 1145		.3	1	1.400
81 04 18 0910		.3	1	3.600
81 05 23 0800		.3	1	3.200
81 06 20 0710		.3	1	2.9000
81 08 03 0910		.3	1	0.2800
81 09 05 1900		.3	1	5.3000
81 10 04 1510		.3	1	4.6000
81 11 01 0900		.3	1	8.3000
81 12 06 0800		.3	1	0.980
MAXIMUM				**8.3000**
ARITH MEAN				**3.123**
GEOM MEAN				**2.108**
MINIMUM				**0.2800**
STD DEV (GEOM *)				**2.487**
# SAMPLES (IN STATISTICS)				**10**

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **AT KING STREET SUDBURY**
STATION TYPE: **RIVER FLOW GAUGE FED.02CF005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-049-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0501050.0 5149800.0 4** REGION: **05** DISTANCE: **137.273**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 11 1000		.3	1	24023		0.176				0.0	9.0	0.065	0.006
81 03 15 1445		.3	1	24051	6 8	0.510				1.0	7.0	0.101	0.050
81 04 19 0715		.3	1	24074	3 6 9	1.360	44	80	10<	4.0	8.00	0.284	
81 05 24 1030		.3	1	24116	6 8 9	0.446				15.0	7.00	0.224	
81 06 21 0920		.3	1	24146	6 7 9	0.394	380A	13500	20	21.0	6.00	1.360	
81 08 03 1130		.3	1	24178	9 7 0	0.176				22.0	6.00	0.040	
81 09 05 1725		.3	1	24209	7 9 0	3.450	2100	26000	40	20.0	7.00	0.088	
81 10 04 1435		.3	1	24243	7 9 0	1.190	240	580	4<	6.0	6.00	0.030	
81 11 01 1805		.3	1	24281	7 9 0	0.706				6.0	6.00	0.075	
81 12 06 1025		.3	1	24314	9 0	0.440				0.0	7.00	0.035	
MAXIMUM						**3.450**	**2100**	**26000**	**40**	**22.0**	**9.0**	**1.360**	**0.050**
ARITH MEAN						**0.885**	**691**	**10040**	**30**	**11.9**	**6.9**	**0.230**	**0.028**
GEOM MEAN						**0.586**	**303**	**2009**	**28**	**8.2**	**6.8**	**0.105**	**0.017**
MINIMUM						**0.176**	**44**	**80**	**20**	**1.0**	**6.00**	**0.030**	**0.006**
STD DEV (GEOM *)						**0.984**	**5***	**15***	**2***	**8.5**	**0.9**	**0.406**	**0.031**
# SAMPLES (IN STATISTICS)						**10**	**4**	**4**	**2**	**8**	**10**	**10**	**2**

(CONTD)

B.O.W./ SITE: **JUNCTION CREEK**
SAMPLE POINT: **AT KING STREET SUDBURY**
STATION TYPE: **RIVER FLOW GAUGE FED.02CF005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-049-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0501050.0 5149800.0 4** REGION: **05** DISTANCE: **137.273**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 11 1000	.3	1		0.222	0.700	0.009	2.290	2.521	0.478	2.999	446.0	6.0	640.0
81 03 15 1445	.3	1		0.680	1.200	0.041	1.110	1.831	0.520	2.351	358.0	4.0	580.0
81 04 19 0715	.3	1										13	470
81 05 24 1030	.3	1										12	840
81 06 21 0920	.3	1										12	800
81 08 03 1130	.3	1										3.9	1020
81 09 05 1725	.3	1										21.2	408
81 10 04 1435	.3	1											430
81 11 01 1805	.3	1										7.9	500
81 12 06 1025	.3	1										5.5	480
MAXIMUM				**0.680**	**1.200**	**0.041**	**2.290**	**2.521**	**0.520**	**2.999**	**446.0**	**21.2**	**1020**
ARITH MEAN				**0.451**	**0.950**	**0.025**	**1.700**	**2.176**	**0.499**	**2.675**	**402.0**	**9**	**616**
GEOM MEAN				**0.389**	**0.917**	**0.019**	**1.594**	**2.148**	**0.499**	**2.655**	**399.6**	**8**	**589**
MINIMUM				**0.222**	**0.700**	**0.009**	**1.110**	**1.831**	**0.478**	**2.351**	**358.0**	**3.9**	**408**
STD DEV (GEOM *)				**0.324**	**0.354**	**0.023**	**0.834**	**0.488**	**0.030**	**0.458**	**62.2**	**5**	**205**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 11 1000	.3	1		4.00	50.500		7.17						
81 03 15 1445	.3	1		3.90	85.000		7.16						
81 04 19 0715	.3	1		7.50	44.50	12	6.44	1<T	0.88	0.004	0.180	0.003<	0.110
81 05 24 1030	.3	1		5.50	79.00	61	7.58	1	0.80	0.002 <	0.310	0.020	0.230
81 06 21 0920	.3	1		6.40	66	75	4.80	1<T	0.59	0.0020<	0.210	0.003<	0.170
81 08 03 1130	.3	1		1.97	105.00	95	8.19	1	0.15	0.0040	0.069	0.006	0.100
81 09 05 1725	.3	1		14.20	27.00	37	7.48	1<T	1.040	0.0040	0.140	0.015	0.170
81 10 04 1435	.3	1		4.50	30.00	34	7.12	1<T	0.77	0.0020<	0.200	0.003<	0.170
81 11 01 1805	.3	1		6.10	34.50	44	7.33	1<T	0.96	0.004	0.220	0.012	0.150
81 12 06 1025	.3	1		5.60	48.50	47	7.87	1<T	1.04	0.004	0.130	0.007	0.120
MAXIMUM				**14.20**	**105.00**	**95**	**8.19**	**1**	**1.04**	**0.004**	**0.310**	**0.020**	**0.230**
ARITH MEAN				**5.97**	**57**	**51**	**7.11**	**1<A**	**0.77**	**0.004**	**0.182**	**0.012**	**0.152**
GEOM MEAN				**5.31**	**51**	**44**	**7.05**	**1<A**	**0.68**	**0.004**	**0.168**	**0.011**	**0.147**
MINIMUM				**1.97**	**27.00**	**12**	**4.80**	**1**	**0.15**	**0.004**	**0.069**	**0.006**	**0.100**
STD DEV (GEOM *)				**3.28**	**25**	**26**	**0.94**	**0<A**	**0.29**	**0.000**	**0.072**	**0.006**	**0.042**
# SAMPLES (IN STATISTICS)				**10**	**10**	**8**	**10**	**8**	**8**	**5**	**8**	**5**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 04 19 0715	.3	1		2.000
81 05 24 1030	.3	1		5.600
81 06 21 0920	.3	1		5.6000
81 08 03 1130	.3	1		2.7000
81 09 05 1725	.3	1		2.2000
81 10 04 1435	.3	1		4.0000
81 11 01 1805	.3	1		3.300
81 12 06 1025	.3	1		2.000
MAXIMUM				**5.6000**
ARITH MEAN				**3.425**
GEOM MEAN				**3.155**
MINIMUM				**2.000**
STD DEV (GEOM *)				**1.506**
# SAMPLES (IN STATISTICS)				**8**

B.O.W./ SITE: **VERMILLION RIVER**
SAMPLE POINT: **ON ROAD TO VAL THERESE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-050-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0499300.0 5170025.0 4** REGION: **05** DISTANCE: **204.542**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N
81 01 10 1250	.3	1		24014	4 6 8				0.0	12.0	0.017	0.002	0.096
81 03 14 1105	.3	1		24035	6 8				0.0	12.0	0.024	0.010	0.148
81 04 18 1700	.3	1		24072	3 6 9	12	68	4<	4.0	11.00	0.034	0.019	0.022
81 05 23 1330	.3	1		24100	6 8				16.0	12.00	0.015	0.005	0.002
81 06 20 1450	.3	1		24133	6 8				20.0	12.00	0.033	0.020	0.002
81 08 03 1300	.3	1		24181	6 8				21.0	12.00	0.020	0.009	0.006
81 09 05 1330	.3	1		24201	6 8	70000A	8800000	4	19.0	12.00	0.033	0.021	0.006
81 10 04 0835	.3	1		24232	6 8	300A	37000	8	5.0	13.00	0.245	0.215	0.006
81 11 01 1635	.3	1		24278	6 8				6.0	12.00	0.052	0.021	0.008
81 12 05 1325	.3	1		24297	6 8				0.0	13.00	0.025	0.012	0.136
MAXIMUM						**70000**	**8800000**	**8**	**21.0**	**13.00**	**0.245**	**0.215**	**0.148**
ARITH MEAN						**23437**	**2945689**	**6**	**13.0**	**12.1**	**0.050**	**0.033**	**0.043**
GEOM MEAN						**632**	**28080**	**6**	**10.6**	**12.0**	**0.033**	**0.014**	**0.014**
MINIMUM						**12**	**68**	**4**	**4.0**	**11.00**	**0.015**	**0.002**	**0.002**
STD DEV (GEOM *)						**80***	**361***	**2***	**7.7**	**0.5**	**0.069**	**0.064**	**0.059**
# SAMPLES (IN STATISTICS)						**3**	**3**	**2**	**7**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
81 01 10 1250	.3	1		0.340	0.012	0.188		0.296	0.244	0.540	53.0	2.0	
81 03 14 1105	.3	1		0.370	0.016	0.309		0.473	0.222	0.695	65.0	3.0	62.000
81 04 18 1700	.3	1		0.25	0.003	0.125	0.125	0.150	0.228	0.378			
81 05 23 1330	.3	1		0.28	0.072	0.185	0.255	0.259	0.278	0.537			
81 06 20 1450	.3	1		0.28	0.001<T	0.305	0.305	0.308	0.278	0.586			
81 08 03 1300	.3	1		0.24	0.001<T	0.365	0.365	0.372	0.234	0.606			
81 09 05 1330	.3	1		0.22	0.039	0.390	0.430	0.435	0.214	0.649			
81 10 04 0835	.3	1		0.23	0.002	0.535	0.535	0.543	0.224	0.767			
81 11 01 1635	.3	1		0.25	0.001	0.400	0.400	0.409	0.242	0.651			
81 12 05 1325	.3	1		0.34	0.028	0.195	0.225	0.359	0.204	0.563			
MAXIMUM				**0.370**	**0.072**	**0.535**	**0.535**	**0.543**	**0.278**	**0.767**	**65.0**	**3.0**	**62.000**
ARITH MEAN				**0.28**	**0.017<A**	**0.300**	**0.330**	**0.360**	**0.237**	**0.597**	**59.0**	**2.5**	**62.000**
GEOM MEAN				**0.27**	**0.006<A**	**0.275**	**0.304**	**0.342**	**0.236**	**0.588**	**58.7**	**2.4**	
MINIMUM				**0.22**	**0.001**	**0.125**	**0.125**	**0.150**	**0.204**	**0.378**	**53.0**	**2.0**	**62.000**
STD DEV (GEOM *)				**0.05**	**0.023<A**	**0.127**	**0.130**	**0.113**	**0.025**	**0.106**	**8.5**	**0.7**	
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**8**	**10**	**10**	**10**	**2**	**2**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOL UNF-REAC UG/L PHENOL	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 01 10 1250	.3	1		78.0	0.97	1.850		7.04			0.008	0.003<	0.027
81 03 14 1105	.3	1		96.0	1.30	5.200		7.21		0.110	0.004	0.003<	0.021
81 04 18 1700	.3	1		57	1.10	1.50	10	6.45	1<T		0.003	0.003<	0.023
81 05 23 1330	.3	1		80	0.80	3.35	18	7.19			0.001	0.003<	0.002
81 06 20 1450	.3	1		90	0.67	3.80	26	7.29	1<T		0.004	0.003<	0.009
81 08 03 1300	.3	1		100	0.66	4.45	26	7.24	1		0.005	0.005	0.006
81 09 05 1330	.3	1		114	0.80	6.60	29	6.24	1		0.001<	0.003<	0.009
81 10 04 0835	.3	1		106	1.16	5.55	24	7.63	1<T		0.001	0.003<	0.004
81 11 01 1635	.3	1		82	0.98	3.40	17	6.95	1<T		0.004	0.003<	0.010
81 12 05 1325	.3	1		92	1.73	4.65	19	7.62	1<T		0.002	0.003<	0.003
MAXIMUM				**114**	**1.73**	**6.60**	**29**	**7.63**	**1**	**0.110**	**0.008**	**0.005**	**0.027**
ARITH MEAN				**89**	**1.02**	**4.03**	**21**	**7.09**	**1<A**	**0.110**	**0.004**	**0.005**	**0.011**
GEOM MEAN				**88**	**0.97**	**3.69**	**20**	**7.07**	**1<A**		**0.003**		**0.008**
MINIMUM				**57**	**0.66**	**1.50**	**10**	**6.24**	**1**	**0.110**	**0.001**	**0.005**	**0.002**
STD DEV (GEOM *)				**16**	**0.33**	**1.59**	**6**	**0.45**	**0<A**		**0.002**		**0.009**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**8**	**10**	**7**	**1**	**9**	**1**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
81 01 10 1250	.3	1		0.095
81 03 14 1105	.3	1		0.008
MAXIMUM				**0.095**
ARITH MEAN				**0.051**
GEOM MEAN				**0.028**
MINIMUM				**0.008**
STD DEV (GEOM *)				**0.062**
# SAMPLES (IN STATISTICS)				**2**

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **UPSTR.FROM CONFLUENCE WITH AUX SABLES R.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-055-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0419600.0 5117750.0 4** REGION: **05** DISTANCE: **32.508**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
81 06 09 1225	.3	1		22213	8	16.5	7.40	0.6	0.020	0.001<T	0.042	0.50	0.008
81 06 24 1325	.3	1		22222	8	18.0	8.00	1.0	0.028	0.017	0.058	0.35	0.010
81 06 29 1245	.3	1		22230	8	17.5	8.90	0.2<T	0.019	0.009	0.040	0.33	0.017
81 07 16 1210	.3	1		22237	9	23.0	6.60	1.4	0.015	0.001<T	0.018	0.37	0.006
81 07 22 1250	.3	1		22259	8 9	22.0	5.90	1.2	0.022	0.004	0.062	0.45	0.005
81 08 04 1342	.3	1		22263	8	22.5	3.70	2.0	0.030	0.008	0.056	0.35	0.008
81 08 13 1345	.3	1		22269	8	22.0	5.30	1.8	0.038	0.012	0.068	0.42	0.007
MAXIMUM						**23.0**	**8.90**	**2.0**	**0.038**	**0.017**	**0.068**	**0.50**	**0.017**
ARITH MEAN						**20.2**	**6.54**	**1.2<A**	**0.025**	**0.007<A**	**0.049**	**0.40**	**0.009**
GEOM MEAN						**20.0**	**6.32**	**1.0<A**	**0.024**	**0.005<A**	**0.046**	**0.39**	**0.008**
MINIMUM						**16.5**	**3.70**	**0.2**	**0.015**	**0.001**	**0.018**	**0.33**	**0.005**
STD DEV (GEOM *)						**2.8**	**1.75**	**0.6<A**	**0.008**	**0.006<A**	**0.017**	**0.06**	**0.004**
# SAMPLES (IN STATISTICS)						**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
81 06 09 1225	.3	1		0.195	0.205	0.245	0.458	0.703	2	90	138	25.0	24
81 06 24 1325	.3	1		0.160	0.170	0.228	0.292	0.520	2	70	108	23.0	16
81 06 29 1245	.3	1		0.155	0.170	0.212	0.290	0.502	4	58	90	17.0	16
81 07 16 1210	.3	1		0.170	0.175	0.194	0.352	0.546	3	81	125	25.5	17
81 07 22 1250	.3	1		0.125	0.130	0.192	0.388	0.580	3	78	120	22.5	21
81 08 04 1342	.3	1		0.100	0.110	0.164	0.294	0.458	3.5	86	132	22.5	21
81 08 13 1345	.3	1		0.110	0.115	0.185	0.352	0.537	4.5	79	122	21.5	19
MAXIMUM				**0.195**	**0.205**	**0.245**	**0.458**	**0.703**	**4.5**	**90**	**138**	**25.5**	**24**
ARITH MEAN				**0.145**	**0.154**	**0.203**	**0.347**	**0.549**	**3**	**77**	**119**	**22.4**	**19**
GEOM MEAN				**0.141**	**0.150**	**0.201**	**0.342**	**0.545**	**3**	**77**	**118**	**22.3**	**19**
MINIMUM				**0.100**	**0.110**	**0.164**	**0.290**	**0.458**	**2**	**58**	**90**	**17.0**	**16**
STD DEV (GEOM *)				**0.034**	**0.036**	**0.027**	**0.062**	**0.078**	**0**	**11**	**16**	**2.8**	**3**
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**

(CONTD)

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **UPSTR.FROM CONFLUENCE WITH AUX SABLES R.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-055-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0419600.0 5117750.0 4** REGION: **05** DISTANCE: **32.508**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*PH*	*CAUR*	*NAUR*	*COD*
81 06 09 1225		.3	1	7.13	10.0	11.2	8
81 06 24 1325		.3	1	6.79	8.2	2.6	27
81 06 29 1245		.3	1	7.29	7.6	5.3	21
81 07 16 1210		.3	1	7.16	10.4	7.8	14
81 07 22 1250		.3	1	7.07	10.0	8.4	28
81 08 04 1342		.3	1	7.02	9.6	10.6	30
81 08 13 1345		.3	1	7.11	9.2	9.4	25
	MAXIMUM			**7.29**	**10.4**	**11.2**	**30**
	ARITH MEAN			**7.08**	**9.3**	**7.9**	**22**
	GEOM MEAN			**7.08**	**9.2**	**7.2**	**20**
	MINIMUM			**6.79**	**7.6**	**2.6**	**8**
	STD DEV (GEOM *)			**0.15**	**1.0**	**3.0**	**8**
	# SAMPLES (IN STATISTICS)			7	7	7	7

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **DNSTR.FROM ESPANOLA SOUTH OF WALFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-056-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0405600.0 5114700.0 4** REGION: **05** DISTANCE: **14.484**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 09 1250		.3	1	22214	8	17.0	7.70	0.4	0.018	0.001<T	0.024	0.45	0.005
81 06 24 1400		.3	1	22223	8	18.0	8.00	1.0	0.020	0.011	0.036	0.38	0.020
81 06 29 1340		.3	1	22231	8	18.5	8.50	0.6	0.020	0.020	0.052	0.37	0.008
81 07 16 1240		.3	1	22238	9	23.5	6.40	1.2	0.016	0.001<T	0.048	0.37	0.004
81 07 22 1320		.3	1	22260	8 9	22.0	6.50	0.8	0.016	0.003	0.058	0.32	0.004
81 08 04 1416		.3	1	22264	8	22.5	3.70	1.6	0.030	0.003	0.046	0.38	0.010
81 08 13 1253		.3	1	22268	8	22.0	3.70	2.0	0.022	0.006	0.072	0.41	0.007
	MAXIMUM					**23.5**	**8.50**	**2.0**	**0.030**	**0.020**	**0.072**	**0.45**	**0.020**
	ARITH MEAN					**20.5**	**6.36**	**1.1**	**0.020**	**0.006<A**	**0.048**	**0.38**	**0.008**
	GEOM MEAN					**20.4**	**6.05**	**1.0**	**0.020**	**0.004<A**	**0.046**	**0.38**	**0.007**
	MINIMUM					**17.0**	**3.70**	**0.4**	**0.016**	**0.001**	**0.024**	**0.32**	**0.004**
	STD DEV (GEOM *)					**2.6**	**1.97**	**0.6**	**0.005**	**0.007<A**	**0.015**	**0.04**	**0.006**
	# SAMPLES (IN STATISTICS)					7	7	7	7	7	7	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*
81 06 09 1250		.3	1	0.155	0.160	0.184	0.426	0.610	2	69	118	18.5	17
81 06 24 1400		.3	1	0.160	0.180	0.216	0.344	0.560	5	64	98	20.0	17
81 06 29 1340		.3	1	0.110	0.120	0.170	0.318	0.488	5	60	92	17.5	16
81 07 16 1240		.3	1	0.155	0.160	0.207	0.322	0.529	4	75	116	24.0	104
81 07 22 1320		.3	1	0.140	0.145	0.202	0.262	0.464	3	78	126	23.0	18
81 08 04 1416		.3	1	0.080	0.090	0.136	0.334	0.470	3.6	83	130	22.0	25
81 08 13 1253		.3	1	0.095	0.100	0.174	0.338	0.512	0.1<W	89	132	22.0	26
	MAXIMUM			**0.160**	**0.180**	**0.216**	**0.426**	**0.610**	**5**	**89**	**132**	**24.0**	**104**
	ARITH MEAN			**0.128**	**0.136**	**0.184**	**0.335**	**0.519**	**3 <A**	**74**	**116**	**21.0**	**32**
	GEOM MEAN			**0.124**	**0.133**	**0.182**	**0.332**	**0.517**	**2 <A**	**73**	**115**	**20.9**	**25**
	MINIMUM			**0.080**	**0.090**	**0.136**	**0.262**	**0.464**	**0.1**	**60**	**92**	**17.5**	**16**
	STD DEV (GEOM *)			**0.033**	**0.034**	**0.027**	**0.049**	**0.052**	**1 <A**	**10**	**16**	**2.4**	**32**
	# SAMPLES (IN STATISTICS)			7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
	TEST-NAME:			*PH*	*CAUR*	*NAUR*	*COD*
81 06 09 1250		.3	1	7.12	7.4	7.6	50
81 06 24 1400		.3	1	6.93	8.0	6.0	22
81 06 29 1340		.3	1	7.21	7.8	5.9	29
81 07 16 1240		.3	1	7.01	9.6	7.3	12
81 07 22 1320		.3	1	7.15	9.6	7.4	26
81 08 04 1416		.3	1	6.93	9.6	10.7	40
81 08 13 1253		.3	1	7.21	10.0	10.5	21
	MAXIMUM			**7.21**	**10.0**	**10.7**	**50**
	ARITH MEAN			**7.08**	**8.9**	**7.9**	**29**
	GEOM MEAN			**7.08**	**8.8**	**7.7**	**26**
	MINIMUM			**6.93**	**7.4**	**5.9**	**12**
	STD DEV (GEOM *)			**0.12**	**1.1**	**2.0**	**13**
	# SAMPLES (IN STATISTICS)			7	7	7	7

B.O.W./ SITE: **SPANISH RIVER**
SAMPLE POINT: **3 MILES DNSTR OF E.B.EDDY PLANT ESPANOLA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-057-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **14 0436125.0 5122945.0 4** REGION: **05** DISTANCE: **45.704**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 09 1150		.3	1	22212	8	16.5	9.20	0.6	0.025		0.078	0.50	
81 06 24 1235		.3	1	22224	8	16.0	9.00	1.4	0.032	0.021	0.086	0.35	0.010
81 07 16 1135		.3	1	22236	9	23.5	7.90	1.0	0.009	0.001<T	0.096	0.42	0.010
81 07 22 1215		.3	1	22258	8	22.0	7.70	1.8	0.013	0.001	0.040	0.40	0.005
81 08 04 1256		.3	1	22262	8	22.5	3.70	2.2	0.030	0.009	0.090	0.48	0.013
81 08 13 1346		.3	1	22270	8	22.0	7.80	2.0	0.012	0.005	0.060	0.38	0.006
MAXIMUM						**23.5**	**9.20**	**2.2**	**0.032**	**0.021**	**0.096**	**0.50**	**0.013**
ARITH MEAN						**20.4**	**7.55**	**1.5**	**0.020**	**0.007<A**	**0.075**	**0.42**	**0.009**
GEOM MEAN						**20.2**	**7.25**	**1.4**	**0.018**	**0.004<A**	**0.072**	**0.42**	**0.008**
MINIMUM						**16.0**	**3.70**	**0.6**	**0.009**	**0.001**	**0.040**	**0.35**	**0.005**
STD DEV (GEOM *)						**3.3**	**1.99**	**0.6**	**0.010**	**0.008<A**	**0.021**	**0.06**	**0.003**
# SAMPLES (IN STATISTICS)						**6**	**6**	**6**	**6**	**5**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 06 09 1150		.3	1				0.422		2	84	130	1.20	9.00
81 06 24 1235		.3	1	0.130	0.140	0.226	0.264	0.490	1	70	109		
81 07 16 1135		.3	1	0.290	0.300	0.396	0.324	0.720	1	104	160		
81 07 22 1215		.3	1	0.155	0.160	0.200	0.360	0.560	2	68	118		
81 08 04 1256		.3	1	0.125	0.140	0.228	0.390	0.618	2.8	94	144		
81 08 13 1346		.3	1	0.140	0.145	0.206	0.320	0.526	2.2	73	112		
MAXIMUM				**0.290**	**0.300**	**0.396**	**0.422**	**0.720**	**2.8**	**104**	**160**	**1.20**	**9.00**
ARITH MEAN				**0.168**	**0.177**	**0.251**	**0.347**	**0.583**	**1**	**82**	**129**	**1.20**	**9.00**
GEOM MEAN				**0.159**	**0.169**	**0.243**	**0.343**	**0.577**	**1**	**81**	**128**		
MINIMUM				**0.125**	**0.140**	**0.200**	**0.264**	**0.490**	**1**	**68**	**109**	**1.20**	**9.00**
STD DEV (GEOM *)				**0.069**	**0.069**	**0.082**	**0.056**	**0.090**	**0**	**15**	**20**		
# SAMPLES (IN STATISTICS)				**5**	**5**	**5**	**6**	**5**	**6**	**6**	**6**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*SSO4UR*	*ALKT*	*PH*	*CAUR*	*NAUR*	*COD*	*DOC*
81 06 09 1150		.3	1	27.5	15	7.12			17	5.8
81 06 24 1235		.3	1	21.5	17	6.99	8.8	2.7	22	
81 07 16 1135		.3	1	26.0	18	7.19	14.2	7.2	10	
81 07 22 1215		.3	1	24.5	19	6.98	10.0	7.7	26	
81 08 04 1256		.3	1	22.5	26	7.22	11.8	10.6	26	
81 08 13 1346		.3	1	21.0	20	7.25	9.0	7.9	8	
MAXIMUM				**27.5**	**26**	**7.25**	**14.2**	**10.6**	**26**	**5.8**
ARITH MEAN				**23.8**	**19**	**7.12**	**10.8**	**7.2**	**18**	**5.8**
GEOM MEAN				**23.7**	**19**	**7.12**	**10.6**	**6.6**	**17**	
MINIMUM				**21.0**	**15**	**6.98**	**8.8**	**2.7**	**8**	**5.8**
STD DEV (GEOM *)				**2.6**	**4**	**0.12**	**2.3**	**2.9**	**8**	
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**5**	**5**	**6**	**1**

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **AT HIGHWAY NO. 549**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-058-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0473650.0 5130750.0 4** REGION: **05** DISTANCE: **93.400**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 04 17 1130		.3	1	24054	3 6 9	3.0	12.00	0.041	0.018	0.004	0.32	0.002	0.418
81 05 22 1810		.3	1	24087	6 8	16.0	12.00	0.020	0.005	0.004	0.63	0.009	0.950
81 06 19 1525		.3	1	24120	6 8	20.0	12.00	0.018	0.005	0.004	1.03	0.001	1.100
81 07 31 1700		.3	1	24153	6 8	20.0	12.0	0.019	0.004	0.006	0.57	0.004	0.905
81 09 04 1730		.3	1	24188	6 8	20.0	13.00	0.024	0.012	0.030	0.44	0.017	0.755
81 10 03 0815		.3	1	24219	6 8	5.0	13.00	0.157	0.110	0.016	1.00	0.003	1.250
81 10 31 0915		.3	1	24260	6 8	6.0	12.00	0.012	0.005	0.014	0.92	0.004	0.805
81 12 04 1400		.3	1	24284	6 8	0.0	13.00	0.185	0.155	0.420	0.90		
MAXIMUM						**20.0**	**13.00**	**0.185**	**0.155**	**0.420**	**1.03**	**0.017**	**1.250**
ARITH MEAN						**12.9**	**12.3**	**0.059**	**0.039**	**0.062**	**0.73**	**0.006**	**0.883**
GEOM MEAN						**10.2**	**12.3**	**0.035**	**0.014**	**0.013**	**0.68**	**0.004**	**0.842**
MINIMUM						**3.0**	**12.00**	**0.012**	**0.004**	**0.004**	**0.32**	**0.001**	**0.418**
STD DEV (GEOM *)						**7.8**	**0.5**	**0.070**	**0.059**	**0.145**	**0.27**	**0.006**	**0.266**
# SAMPLES (IN STATISTICS)						**7**	**8**	**8**	**8**	**8**	**8**	**7**	**7**

(CONTD)

B.O.W./ SITE: **VERMILION RIVER**
SAMPLE POINT: **AT HIGHWAY NO. 549**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-058-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0473650.0 5130750.0 4** REGION: **05** DISTANCE: **93.400**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*
81 04 17 1130		.3	1	0.420	0.424	0.316	0.740	4	125	192	50.0	17	6.70
81 05 22 1810		.3	1	0.960	0.963	0.626	1.589	3	130	200	58.0	19	7.06
81 06 19 1525		.3	1	1.100	1.105	1.026	2.131	2	150	230	61.0	21	7.42
81 07 31 1700		.3	1	0.910	0.915	0.564	1.479	2.2	150	230	138.0	19	6.82
81 09 04 1730		.3	1	0.770	0.802	0.410	1.212	2.0	164	252	65.0	23	7.14
81 10 03 0815		.3	1	1.250	1.269	0.984	2.253		234	360	121.0	23	7.11
81 10 31 0915		.3	1	0.810	0.823	0.906	1.729	2.4	163	250	75.0	27	8.26
81 12 04 1400		.3	1	0.500		0.480	1.400		156	240	64.0	27	7.28
MAXIMUM				**1.250**	**1.269**	**1.026**	**2.253**	**4**	**234**	**360**	**138.0**	**27**	**8.26**
ARITH MEAN				**0.840**	**0.900**	**0.664**	**1.567**	**2**	**159**	**244**	**79.0**	**22**	**7.22**
GEOM MEAN				**0.794**	**0.859**	**0.614**	**1.492**	**2**	**156**	**240**	**74.2**	**22**	**7.21**
MINIMUM				**0.420**	**0.424**	**0.316**	**0.740**	**2**	**125**	**192**	**50.0**	**17**	**6.70**
STD DEV (GEOM *)				**0.281**	**0.266**	**0.273**	**0.487**	**0**	**33**	**52**	**32.3**	**4**	**0.48**
# SAMPLES (IN STATISTICS)				8	7	8	8	6	8	8	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*	*NIUT*
81 04 17 1130		.3	1	0.36	0.001<	0.220	0.009	0.003<	0.010	0.068	0.083
81 05 22 1810		.3	1	0.23	0.001	0.044	0.006	0.010	0.005	0.054	0.077
81 06 19 1525		.3	1	0.12	0.001	0.009	0.007	0.003<	0.002	0.040	0.0760
81 07 31 1700		.3	1	0.13	0.002	0.039	0.004	0.008	0.004	0.052	0.0700
81 09 04 1730		.3	1	0.07	0.003	0.300	0.033	0.004	0.017	0.056	0.7700
81 10 03 0815		.3	1	0.15	0.002	0.083	0.013	0.003<	0.007	0.072	0.1300
81 10 31 0915		.3	1	0.22	0.001<	0.071	0.012	0.007	0.012	0.052	0.2300
81 12 04 1400		.3	1	0.22	0.001<	0.052	0.009	0.003<	0.011	0.058	0.1700
MAXIMUM				**0.36**	**0.003**	**0.300**	**0.033**	**0.010**	**0.017**	**0.072**	**0.7700**
ARITH MEAN				**0.19**	**0.002**	**0.102**	**0.012**	**0.007**	**0.008**	**0.056**	**0.200**
GEOM MEAN				**0.17**	**0.002**	**0.065**	**0.010**	**0.007**	**0.007**	**0.056**	**0.138**
MINIMUM				**0.07**	**0.001**	**0.009**	**0.004**	**0.004**	**0.002**	**0.040**	**0.0700**
STD DEV (GEOM *)				**0.09**	**0.001**	**0.102**	**0.009**	**0.002**	**0.005**	**0.010**	**0.236**
# SAMPLES (IN STATISTICS)				8	5	8	8	4	8	8	8

B.O.W./ SITE: **WHITSON RIVER**
SAMPLE POINT: **AT VERMILION RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-059-02**
STORET CODE: **02 002 7950**

LAT: LONG: U T M: **17 0478200.0 5152600.0 4** REGION: **05** DISTANCE: **128.000**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 04 18 1225		.3	1	24063	3 6 9	4.0	10.00	0.036	0.016	0.042	0.44	0.023	0.180
81 05 23 0850		.3	1	24091	6 8	16.0	9.00	0.054	0.019	0.004	0.46	0.053	0.265
81 06 19 1030		.3	1	24124	6 8 9	20.0	7.00	0.083	0.028	0.006	0.38	0.001<T	0.430
81 08 01 1015		.3	1	24157	6 8 9	21.0	8.00	0.037	0.022	0.004	0.34	0.001	0.165
81 09 05 0900		.3	1	24192	6 8 9	20.0	8.00	0.039	0.003	0.018	0.31	0.024	0.275
81 10 03 1530		.3	1	24229	6 8 9	5.0	9.00	0.062	0.034	0.004	0.40	0.019	0.290
81 11 01 1240		.3	1	24270	6 8 9	6.0	9.00	0.025	0.016	0.018	0.42	0.009	0.220
81 12 05 0910		.3	1	24289	6 8	0.0	8.00	0.052	0.031	0.042	0.40	0.033	0.575
MAXIMUM						**21.0**	**10.00**	**0.083**	**0.034**	**0.042**	**0.46**	**0.053**	**0.575**
ARITH MEAN						**13.1**	**8.50**	**0.048**	**0.021**	**0.017**	**0.39**	**0.020<A**	**0.300**
GEOM MEAN						**10.7**	**8.46**	**0.046**	**0.018**	**0.011**	**0.39**	**0.011<A**	**0.276**
MINIMUM						**4.0**	**7.00**	**0.025**	**0.003**	**0.004**	**0.31**	**0.001**	**0.165**
STD DEV (GEOM *)						**7.8**	**0.93**	**0.018**	**0.010**	**0.016**	**0.05**	**0.017<A**	**0.138**
# SAMPLES (IN STATISTICS)						7	8	8	8	8	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*	*PH*
81 04 18 1225		.3	1	0.205	0.245	0.398	0.643	11	130	200	24.5	51	7.93
81 05 23 0850		.3	1	0.320	0.322	0.456	0.778	7	202	310	33.0	91	8.01
81 06 19 1030		.3	1	0.430	0.437	0.374	0.811	5	228	350	40.0	109	7.88
81 08 01 1015		.3	1	0.165	0.170	0.336	0.506	2.6	234	360	38.0	116	7.98
81 09 05 0900		.3	1	0.300	0.317	0.292	0.609			365	39.0	111	7.87
81 10 03 1530		.3	1	0.310	0.313	0.396	0.709		195	300	31.0	85	8.04
81 11 01 1240		.3	1	0.230	0.247	0.402	0.649	1.8	156	240	32.5	67	7.70
81 12 05 0910		.3	1	0.610	0.650	0.358	1.008	1.2	202	310	36.0	88	8.09
MAXIMUM				**0.610**	**0.650**	**0.456**	**1.008**	**11**	**234**	**365**	**40.0**	**116**	**8.09**
ARITH MEAN				**0.321**	**0.338**	**0.376**	**0.714**	**4**	**192**	**304**	**34.2**	**90**	**7.94**
GEOM MEAN				**0.297**	**0.314**	**0.374**	**0.701**	**3**	**189**	**299**	**33.9**	**87**	**7.94**
MINIMUM				**0.165**	**0.170**	**0.292**	**0.506**	**1.2**	**130**	**200**	**24.5**	**51**	**7.70**
STD DEV (GEOM *)				**0.142**	**0.148**	**0.049**	**0.153**	**3**	**37**	**59**	**5.1**	**23**	**0.12**
# SAMPLES (IN STATISTICS)				8	8	8	8	6	7	8	8	8	8

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				FEUT	ALUT	CUUT	PBUT	ZNUT	NIUT
81 04 18 1225		.3	1	0.56	0.200	0.014	0.003<	0.066	0.058
81 05 23 0850		.3	1	0.75	0.078	0.005	0.009	0.021	0.022
81 06 19 1030		.3	1	0.71	0.200	0.015	0.003<	0.110	0.0250
81 08 01 1015		.3	1	0.24	0.150	0.011	0.007	0.058	0.0180
81 09 05 0900		.3	1	0.14	0.031	0.007	0.003<	0.003	0.0020
81 10 03 1530		.3	1	0.78	0.067	0.008	0.003<	0.027	0.0410
81 11 01 1240		.3	1	0.40	0.040	0.007	0.004	0.022	0.0610
81 12 05 0910		.3	1	0.69	0.050	0.009	0.003<	0.026	0.0570
MAXIMUM				**0.78**	**0.200**	**0.015**	**0.009**	**0.110**	**0.0610**
ARITH MEAN				**0.53**	**0.102**	**0.009**	**0.007**	**0.042**	**0.035**
GEOM MEAN				**0.46**	**0.081**	**0.009**	**0.006**	**0.028**	**0.025**
MINIMUM				**0.14**	**0.031**	**0.005**	**0.004**	**0.003**	**0.0020**
STD DEV (GEOM *)				**0.25**	**0.071**	**0.004**	**0.003**	**0.034**	**0.021**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**3**	**8**	**8**

B.O.W./ SITE: **MOOSE CREEK**
SAMPLE POINT: **AT FECUNIS LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE HURON**
TERM STREAM: **SPANISH RIVER**

STATION ID: **14-0028-060-02**
STORET CODE: **02 002 7950**

LAT. LONG. U T M: **17 0472650.0 5167900.0 4** REGION: **05** DISTANCE: **183.700**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 04 18		.3	1	24068	3 6 8	4.0	11.00	0.008	0.001	0.770	0.88	0.028	0.205
81 05 23 1115		.3	1	24096	6 8	16.0	10.00	0.006	0.001<T	0.290	0.47	0.001	0.705
81 06 20 1250		.3	1	24129	6 8	20.0	9.00	0.008	0.001<T	0.134	0.29	0.001<T	0.430
81 08 01 1235		.3	1	24162	6 8	21.0	10.00	0.004	0.001<T	0.142	0.30	0.001<T	0.340
81 09 05 1130		.3	1	24197	6 8	20.0	10.00	0.010	0.001<T	0.124	0.31	0.001<T	0.230
81 10 03 1150		.3	1	24223	6 8	5.0	10.00	0.004	0.001<T	0.168	0.28	0.001	0.410
81 11 01 1440		.3	1	24274	6 8	6.0	10.00	0.006	0.001<T	0.450	0.67	0.004	0.680
81 12 05 1110		.3	1	24293	6 8	0.0	10.00	0.007	0.001	0.410	0.59	0.018	0.680
MAXIMUM						**21.0**	**11.00**	**0.010**	**0.001**	**0.770**	**0.88**	**0.028**	**0.705**
ARITH MEAN						**13.1**	**10.00**	**0.007**	**0.001<A**	**0.311**	**0.47**	**0.007<A**	**0.460**
GEOM MEAN						**10.7**	**9.99**	**0.006**	**0.001<A**	**0.252**	**0.43**	**0.003<A**	**0.417**
MINIMUM						**4.0**	**9.00**	**0.004**	**0.001**	**0.124**	**0.28**	**0.001**	**0.205**
STD DEV (GEOM *)						**7.8**	**0.53**	**0.002**	**0.000<A**	**0.225**	**0.22**	**0.010<A**	**0.204**
# SAMPLES (IN STATISTICS)						**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF	COND25	SSO4UR	ALKT	PH
81 04 18		.3	1	0.235	1.003	0.110	1.113	4	700	970	341.0	11	6.10
81 05 23 1115		.3	1	0.705	0.996	0.180	1.176	1	773	1000	306.0	2	4.66
81 06 20 1250		.3	1	0.430	0.565	0.156	0.721	1 <T	765	1050	297.0	2	4.49
81 08 01 1235		.3	1	0.340	0.483	0.158	0.641	0.9	878	1200	369.0	0	4.40
81 09 05 1130		.3	1	0.230	0.355	0.186	0.541	2.7	847	1100	308.0	2	4.69
81 10 03 1150		.3	1	0.410	0.579	0.112	0.691			1100	342.0	2	4.51
81 11 01 1440		.3	1	0.685	1.134	0.220	1.354	1.1	755	940	405.0	1	4.33
81 12 05 1110		.3	1	0.700	1.108	0.180	1.288	1.6	831	1005	432.0	0	4.27
MAXIMUM				**0.705**	**1.134**	**0.220**	**1.354**	**4**	**878**	**1200**	**432.0**	**11**	**6.10**
ARITH MEAN				**0.467**	**0.778**	**0.163**	**0.941**	**1 <A**	**793**	**1046**	**350.0**	**3**	**4.68**
GEOM MEAN				**0.427**	**0.718**	**0.159**	**0.890**	**1 <A**	**791**	**1043**	**347.1**	**2**	**4.65**
MINIMUM				**0.230**	**0.355**	**0.110**	**0.541**	**0.9**	**700**	**940**	**297.0**	**1**	**4.27**
STD DEV (GEOM *)				**0.203**	**0.313**	**0.037**	**0.324**	**1 <A**	**62**	**85**	**48.9**	**4**	**0.59**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**7**	**7**	**8**	**8**	**6**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				FEUT	ASUT	ALUT	CUUT	PBUT	ZNUT	MNUT	NIUT
81 04 18		.3	1	1.30	0.001<	0.089	0.012	0.003<	0.019	0.590	0.730
81 05 23 1115		.3	1	0.08	0.001<	4.600	0.620	0.020	0.250		4.700
81 06 20 1250		.3	1	0.08	0.001<	4.700	0.570	0.003<	0.240	1.440	9.9000
81 08 01 1235		.3	1	0.04	0.001<	3.500	0.490	0.022	0.210	1.620	8.0000
81 09 05 1130		.3	1	0.08	0.001<	0.061	0.006	0.003<	0.015	1.6	0.0690
81 10 03 1150		.3	1	0.08	0.001<	4.900	0.390	0.003<	0.240	1.650	7.6000
81 11 01 1440		.3	1	0.37	0.001<	3.100	0.270	0.003<	0.200	1.700	19.0000
81 12 05 1110		.3	1	0.44	0.001<	9.000	0.660	0.003<	0.330	2.030	5.2000
MAXIMUM				**1.30**		**9.000**	**0.660**	**0.022**	**0.330**	**2.030**	**19.0000**
ARITH MEAN				**0.31**		**3.744**	**0.377**	**0.021**	**0.188**	**1.5**	**6.899**
GEOM MEAN				**0.16**		**1.655**	**0.175**	**0.021**	**0.124**	**1.4**	**3.300**
MINIMUM				**0.04**		**0.061**	**0.006**	**0.020**	**0.015**	**0.590**	**0.0690**
STD DEV (GEOM *)				**0.43**		**2.879**	**0.260**	**0.001**	**0.112**	**0.4**	**5.971**
# SAMPLES (IN STATISTICS)				**8**		**8**	**8**	**2**	**8**	**7**	**8**

B.O.W./ SITE: **BIG CREEK**
SAMPLE POINT: **AT HIGHWAY NO 18 COUNTY OF ESSEX**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG CREEK**

STATION ID: **16-0001-001-02**
STORET CODE: **02 003 2620**

LAT: LONG: U T M: **17 0328150.0 4658800.0 4** REGION: **01** DISTANCE: **5.311**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 13 1155	.3	1	40502	4	10I	360	10<	10<	4<			4.9
81 02 09 1155	.3	1	40518	4	4	236	282	4<	4<			5.2
81 03 09 1043	.3	1	40532	6	44C	6600	4<	4<	4<	4.0	15.6	2.8
81 04 13 1138	.3	1	40552	6	100	600	4<	4<	4<	11.0	10.0	5.1
81 05 12 1153	.3	1	40572	6	100C	3800	8	16	4<	11.0	11.8	12.0
81 06 09 1150	.3	1	40592	6 5	480C	24000>	68	52	4<	21.0	9.5	15.2
81 07 13 1141	.3	1	40612	6 5	3000C	112000	10I	10I	4<	29.0	7.9	10.8
81 08 12 1141	.3	1	40632	6 9	80C	24000>	10I	10I	4<	24.0	3.7	12.6
81 09 09 1350	.3	1	40652	6	2000	20000	170	140	4<	19.2	10.2	7.1
81 10 13 1305	.3	1	40671	6	300C	47000	10I	20I	4<	13.2	10.6	9.3
81 11 09 1226	.3	1	40691	6	2800	18000	36	32	4<	5.0	12.0	4.4
81 11 30 1225	.3	1	40711	6	70I	2700	10I	10<	4<	1.8	11.8	5.3
MAXIMUM					**3000**	**112000**	**282**	**140**		**29.0**	**15.6**	**15.2**
ARITH MEAN					**749**	**21130**	**67**	**40**		**13.9**	**10.3**	**7.9**
GEOM MEAN					**158**	**4804**	**28**	**26**		**10.5**	**9.8**	**7.0**
MINIMUM					**4**	**236**	**8**	**10**		**1.8**	**3.7**	**2.8**
STD DEV (GEOM *)					**8***	**8***	**4***	**3***		**9.1**	**3.1**	**4.0**
# SAMPLES (IN STATISTICS)					**12**	**10**	**9**	**7**		**10**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1155	.3	1	0.137	0.033	1.280	3.600	0.022	0.880	2.182	2.320	4.502	1294.4
81 02 09 1155	.3	1	0.210	0.011	2.080	4.500	0.052	0.090	2.222	2.420	4.642	1516.4
81 03 09 1043	.3	1	0.090	0.009	0.200	1.210	0.050	2.600	2.850	1.010	3.860	565.0
81 04 13 1138	.3	1	0.240	0.004	0.465	2.650	0.039	0.800	1.304	2.185	3.489	1070.6
81 05 12 1153	.3	1	0.285	0.005	0.010	3.000	0.064	0.880	0.954	2.990	3.944	698.8
81 06 09 1150	.3	1	0.375	0.007	0.325	4.550	0.132	1.330	1.787	4.225	6.012	576.8
81 07 13 1141	.3	1	0.380	0.004	0.015	3.720	0.003	0.010<	0.028	3.705	3.733	652.7
81 08 12 1141	.3	1	0.360	0.009	0.005	3.450	0.004	0.020	0.029	3.445	3.474	577.6
81 09 09 1350	.3	1	0.198	0.010	0.140	2.280	0.132	1.400	1.672	2.140	3.812	511.6
81 10 13 1305	.3	1	0.162	0.003	0.080	2.180	0.073	0.790	0.943	2.100	3.043	547.4
81 11 09 1226	.3	1	0.195	0.004	0.375	2.100	0.057	1.130	1.562	1.725	3.287	701.6
81 11 30 1225	.3	1	0.120	0.003	0.315	1.860	0.017	0.820	1.152	1.545	2.697	713.5
MAXIMUM			**0.380**	**0.033**	**2.080**	**4.550**	**0.132**	**2.600**	**2.850**	**4.225**	**6.012**	**1516.4**
ARITH MEAN			**0.229**	**0.008**	**0.441**	**2.925**	**0.054**	**0.976**	**1.514**	**2.373**	**3.887**	**785.5**
GEOM MEAN			**0.209**	**0.007**	**0.144**	**2.737**	**0.034**	**0.605**	**1.088**	**2.220**	**3.800**	**736.1**
MINIMUM			**0.090**	**0.003**	**0.005**	**1.210**	**0.003**	**0.020**	**0.029**	**1.010**	**2.697**	**511.6**
STD DEV (GEOM *)			**0.101**	**0.008**	**0.622**	**1.057**	**0.043**	**0.691**	**0.765**	**0.900**	**0.911**	**327.4**
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**11**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 13 1155	.3	1	6.4	1288.0	1820.0	1.50	345.000	7.31
81 02 09 1155	.3	1	7.9	1508.5	2250.0	3.00	445.000	7.38
81 03 09 1043	.3	1	20.1	544.9	740.0	8.10	86.500	7.86
81 04 13 1138	.3	1	52.0	1018.6	1300.0	23.00	240.000	7.84
81 05 12 1153	.3	1	52.7	646.1	855.0	19.00	122.000	8.08
81 06 09 1150	.3	1	116.3	460.5	615.0	50.00	73.000	7.89
81 07 13 1141	.3	1	82.0	570.7	760.0	44.00	138.000	7.68
81 08 12 1141	.3	1	65.0	512.6	725.0	40.00	97.000	7.97
81 09 09 1350	.3	1	69.0	442.6	650.0	46.00	81.000	8.02
81 10 13 1305	.3	1	57.4	490.0	705.0	32.00	72.500	8.21
81 11 09 1226	.3	1	93.1	608.5	835.0	60.00	87.000	8.02
81 11 30 1225	.3	1	29.9	683.6	1050.0	14.00	142.000	8.03
MAXIMUM			**116.3**	**1508.5**	**2250.0**	**60.00**	**445.000**	**8.21**
ARITH MEAN			**54.3**	**731.2**	**1025.4**	**28.38**	**160.750**	**7.86**
GEOM MEAN			**40.4**	**671.9**	**937.1**	**18.62**	**131.835**	**7.85**
MINIMUM			**6.4**	**442.6**	**615.0**	**1.50**	**72.500**	**7.31**
STD DEV (GEOM *)			**33.9**	**349.6**	**515.8**	**19.71**	**120.703**	**0.27**
# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **CEDAR CREEK**
SAMPLE POINT: **AT HIGHWAY NO. 18**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CEDAR CREEK**

STATION ID: **16-0018-002-02**
STORET CODE: **02 003 2460**

LAT: LONG: U T M: **17 0348350.0 4654800.0 4** REGION: **01** DISTANCE: **4.828**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 13 1125		.3	1	40501	4	4800C	110000	290	10I	4<	0.3	10.6	1.1
81 02 09 1135		.3	1	40517	4	1310C	3700	170	60	4<	6.0	4.4	0.8
81 03 09 1020		.3	1	40531	6	9600	11600	440	140	4	2.5	14.0	0.8
81 04 13 1112		.3	1	40551	6	16200>	47000	670	1500>	8	10.0	11.6	3.2
81 05 12 1128		.3	1	40571	6	19000	100000	2300	1700	10<	9.0	9.5	2.2
81 06 09 1125		.3	1	40591	6	78000C	310000	20200>	16100>	188C	19.0	6.5	4.8
81 07 13 1114		.3	1	40611	6	36000	320000	6000I	12000	52	24.8	7.5	4.0
81 08 12 1116		.3	1	40631	6	1100	11000	200I	100<	4<	22.0	6.2	3.6
81 09 09 1326		.3	1	40651	6	3800C	28000	290	320	4<	20.0	5.9	1.3
81 10 13 1237		.3	1	40670	6	2700	24000	150	130	4<	12.5	8.2	1.8
81 11 09 1206		.3	1	40690	6	2000I	6000	300I	200I	4<	7.0	10.4	2.1
81 11 30 1210		.3	1	40710	6	1240C	2200	50I	60I	4<	4.5	10.6	0.9
MAXIMUM						**78000**	**320000**	**6000**	**12000**	**188**	**24.8**	**14.0**	**4.8**
ARITH MEAN						**14505**	**81125**	**987**	**1624**	**63**	**11.5**	**8.8**	**2.2**
GEOM MEAN						**5287**	**27818**	**383**	**212**	**24**	**7.5**	**8.4**	**1.8**
MINIMUM						**1100**	**2200**	**50**	**10**	**4**	**0.3**	**4.4**	**0.8**
STD DEV (GEOM *)						4*	5*	4*	8*	6*	8.2	2.8	1.4
# SAMPLES (IN STATISTICS)						11	12	11	9	4	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 13 1125		.3	1	0.052	0.012	0.635	0.900	0.018	0.520	1.173	0.265	1.438	758.6
81 02 09 1135		.3	1	0.102	0.045	0.685	1.400	0.024	0.990	1.699	0.715	2.414	691.0
81 03 09 1020		.3	1	0.104	0.066	0.340	1.010	0.032	4.500	4.872	0.670	5.542	596.7
81 04 13 1112		.3	1	0.255	0.069	0.245	2.200	0.064	7.140	7.449	1.955	9.404	603.6
81 05 12 1128		.3	1	0.355	0.108	0.300	2.750	0.061	7.600	7.961	2.450	10.411	547.5
81 06 09 1125		.3	1	0.640	0.113	0.145	2.000	0.119	2.000	2.264	1.855	4.119	915.8
81 07 13 1114		.3	1	0.360	0.042	0.060	1.750	0.066	1.570	1.696	1.690	3.386	712.4
81 08 12 1116		.3	1	0.136	0.033	0.040	0.980	0.005	0.010<	0.055	0.940	0.995	629.1
81 09 09 1326		.3	1	0.104	0.048	0.070	0.980	0.076	1.900	2.046	0.910	2.956	690.2
81 10 13 1237		.3	1	0.075	0.030	0.005	0.640	0.022	2.980	3.007	0.635	3.642	675.0
81 11 09 1206		.3	1	0.170	0.077	0.005	0.980	0.018	2.400	2.423	0.975	3.398	671.0
81 11 30 1210		.3	1	0.044	0.017	0.015	0.490	0.014	1.940	1.969	0.475	2.444	665.0
MAXIMUM				**0.640**	**0.113**	**0.685**	**2.750**	**0.119**	**7.600**	**7.961**	**2.450**	**10.411**	**915.8**
ARITH MEAN				**0.200**	**0.055**	**0.212**	**1.340**	**0.043**	**3.049**	**3.324**	**1.146**	**4.469**	**679.7**
GEOM MEAN				**0.146**	**0.046**	**0.082**	**1.189**	**0.031**	**2.318**	**2.738**	**0.941**	**3.795**	**674.2**
MINIMUM				**0.044**	**0.012**	**0.005**	**0.490**	**0.005**	**0.520**	**1.173**	**0.265**	**1.438**	**547.5**
STD DEV (GEOM *)				**0.176**	**0.033**	**0.239**	**0.690**	**0.034**	**2.376**	**2.374**	**0.717**	**2.894**	**93.6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**11**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 13 1125		.3	1	4.2	754.4	1030.0	2.50	32.000	7.76
81 02 09 1135		.3	1	8.3	682.7	980.0	5.70	79.500	7.57
81 03 09 1020		.3	1	15.8	580.9	810.0	10.00	31.500	7.89
81 04 13 1112		.3	1	99.1	504.5	650.0	84.00	38.500	7.80
81 05 12 1128		.3	1	111.3	436.2	485.0	29.00	21.500	7.72
81 06 09 1125		.3	1	440.6	475.2	655.0	330.00	40.500	7.69
81 07 13 1114		.3	1	221.6	490.8	690.0	160.00	41.500	7.72
81 08 12 1116		.3	1	30.5	598.6	790.0	28.00	32.500	7.94
81 09 09 1326		.3	1	28.1	662.1	920.0	25.00	43.500	8.00
81 10 13 1237		.3	1	17.8	657.2	915.0	15.00	33.000	7.96
81 11 09 1206		.3	1	20.2	650.8	880.0	14.00	34.000	8.04
81 11 30 1210		.3	1	5.7	659.3	900.0	5.90	33.000	8.03
MAXIMUM				**440.6**	**754.4**	**1030.0**	**330.00**	**79.500**	**8.04**
ARITH MEAN				**83.6**	**596.1**	**808.7**	**59.09**	**38.417**	**7.84**
GEOM MEAN				**31.7**	**588.2**	**792.5**	**22.39**	**36.630**	**7.84**
MINIMUM				**4.2**	**436.2**	**485.0**	**2.50**	**21.500**	**7.57**
STD DEV (GEOM *)				**129.5**	**98.9**	**160.5**	**96.53**	**14.193**	**0.15**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**

B.O.W./ SITE: **STURGEON RIVER**
SAMPLE POINT: **AT CO.RD.20 4 MILES S-E OF LEAMINGTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02GH001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **STURGEON RIVER**

STATION ID: **16-0027-001-02**
STORET CODE: **02 003 2320**

LAT: LONG: U T M: **17 0370450.0 4654325.0 4** REGION: **01** DISTANCE: **3.058**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 03 09 0953	.3	1		40530	6	53000	36000	490	290	4<	2.0	8.0	0.9
81 04 13 1039	.3	1		40550	6	49000	26000	720	370	28	10.0	12.8	1.7
81 05 12 1055	.3	1		40570	6	25000	80000	1500>	220	12	10.0	11.8	1.2
81 06 09 1052	.3	1		40590	6	110000	220000	3600	1500>	68	19.2	8.5	3.0
81 07 13 1047	.3	1		40610	6	320000	1420000	7500	10600	208	24.0	8.1	5.0
81 08 12 1048	.3	1		40630	6 9	100000	280000	1300	300I	28	20.1	12.1	2.1
81 09 09 1155	.3	1		40650	6	320000	80000	2700	290	4<	18.0	17.2	1.1
81 10 13 1145	.3	1		40669	6	25000	32000	700I	320	48	12.0	10.5	2.1
81 11 09 1100	.3	1		40689	6	30000	37000	2400	300I	36	6.2	7.2	1.6
81 11 30 1115	.3	1		40709	6	1000I	1000	300	300	4	3.0	14.4	1.0
MAXIMUM						**320000**	**1420000**	**7500**	**10600**	**208**	**24.0**	**17.2**	**5.0**
ARITH MEAN						**103300**	**221200**	**2190**	**1443**	**54**	**12.4**	**11.1**	**2.0**
GEOM MEAN						**47197**	**60154**	**1369**	**441**	**31**	**9.7**	**10.7**	**1.7**
MINIMUM						**1000**	**1000**	**300**	**220**	**4**	**2.0**	**7.2**	**0.9**
STD DEV (GEOM *)						5*	7*	3*	3*	3*	7.6	3.2	1.2
# SAMPLES (IN STATISTICS)						10	10	9	9	8	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 09 0953	.3	1		0.099	0.066	0.275	0.850	0.054	12.300	12.629	0.575	13.204	622.2
81 04 13 1039	.3	1		0.140	0.060	0.130	1.260	0.082	8.120	8.332	1.130	9.462	588.6
81 05 12 1055	.3	1		0.142	0.060	0.120	1.160	0.370	7.400	7.890	1.040	8.930	666.8
81 06 09 1052	.3	1		0.284	0.120	0.255	1.360	0.134	11.700	12.089	1.105	13.194	602.6
81 07 13 1047	.3	1		0.450	0.027	0.325	2.100	0.185	3.100	3.610	1.775	5.385	605.6
81 08 12 1048	.3	1		0.057	0.018	0.010	0.800	0.195	5.100	5.305	0.790	6.095	494.0
81 09 09 1155	.3	1		0.048	0.020	0.015	0.600	0.078	3.120	3.213	0.585	3.798	382.3
81 10 13 1145	.3	1		0.068	0.047	0.060	0.660	0.076	7.700	7.836	0.600	8.436	553.0
81 11 09 1100	.3	1		0.072	0.043	0.040	0.780	0.071	11.000	11.111	0.740	11.851	633.8
81 11 30 1115	.3	1		0.079	0.054	0.115	0.750	0.069	10.400	10.584	0.635	11.219	619.4
MAXIMUM				**0.450**	**0.120**	**0.325**	**2.100**	**0.370**	**12.300**	**12.629**	**1.775**	**13.204**	**666.8**
ARITH MEAN				**0.144**	**0.051**	**0.134**	**1.032**	**0.131**	**7.994**	**8.260**	**0.897**	**9.157**	**576.8**
GEOM MEAN				**0.110**	**0.044**	**0.083**	**0.959**	**0.109**	**7.203**	**7.508**	**0.839**	**8.538**	**570.5**
MINIMUM				**0.048**	**0.018**	**0.010**	**0.600**	**0.054**	**3.100**	**3.213**	**0.575**	**3.798**	**382.3**
STD DEV (GEOM *)				**0.128**	**0.030**	**0.113**	**0.456**	**0.098**	**3.393**	**3.390**	**0.378**	**3.286**	**83.1**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 03 09 0953	.3	1		20.3	601.9	870.0	10.00	56.000	8.01
81 04 13 1039	.3	1		38.8	549.8	790.0	17.00	53.500	8.16
81 05 12 1055	.3	1		43.9	622.9	815.0	19.00	52.500	7.92
81 06 09 1052	.3	1		89.3	513.3	775.0	51.00	50.000	7.91
81 07 13 1047	.3	1		111.8	493.8	655.0	60.00	78.000	7.76
81 08 12 1048	.3	1		7.4	486.6	705.0	3.30	39.500	8.25
81 09 09 1155	.3	1		2.7	379.6	615.0	0.85	37.500	8.53
81 10 13 1145	.3	1		8.3	544.7	825.0	6.20	52.500	8.25
81 11 09 1100	.3	1		10.4	623.4	890.0	6.90	59.000	8.32
81 11 30 1115	.3	1		6.9	612.5	885.0	5.20	58.500	8.25
MAXIMUM				**111.8**	**623.4**	**890.0**	**60.00**	**78.000**	**8.53**
ARITH MEAN				**34.0**	**542.8**	**782.5**	**17.94**	**53.700**	**8.14**
GEOM MEAN				**18.3**	**537.4**	**776.9**	**9.53**	**52.681**	**8.13**
MINIMUM				**2.7**	**379.6**	**615.0**	**0.85**	**37.500**	**7.76**
STD DEV (GEOM *)				**38.1**	77.7	**96.0**	**20.70**	**11.193**	**0.23**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **MUDDY CREEK**
SAMPLE POINT: **AT FIRST BRIDGE ABOVE LAKE ERIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **MUDDY CREEK**

STATION ID: **16-0032-001-02**
STORET CODE: **02 003 2280**

LAT: LONG: U T M: **17 0378750.0 4658000.0 4** REGION: **01** DISTANCE: **0.322**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 13 1023	.3	1		40500	4	1100	15000	410	160	8	1.3	8.3	3.7
81 02 09 1031	.3	1		40516	4	23200>	45000	160	1500>	4<	0.0	8.1	
81 03 09 0941	.3	1		40529	6	79000C	2400000>	350	2300	8	3.5	5.8	9.2
81 04 13 1019	.3	1		40549	6 9	7300	21000	290	550	4<	10.5	8.6	19.2
81 05 12 1035	.3	1		40569	6	18000>	25000	1020	420	12	9.0	8.0	2.8
81 06 09 1031	.3	1		40589	6	16000	35000	1280	540	28	18.2	5.0	6.2
81 07 13 1030	.3	1		40609	6 9	2000C	340000	400	440	16	23.8	5.5	4.7
81 08 12 1032	.3	1		40629	6 7	4800	8900	270	450	16	23.0	3.6	
81 09 09 1122	.3	1		40649	5 0	230000>	310000	4000	240000>	110	21.2	0.1	13.2
81 10 13 1110	.3	1		40668	6	7300	21000	100	170	4<	14.2	4.5	4.9
81 11 09 1035	.3	1		40688	9	4000I	11000	240	800	4<	10.0	5.8	3.2
81 11 30 1100	.3	1		40708	9	2700	13300	700I	48000	4<	4.8	7.1	4.2
MAXIMUM						**79000**	**340000**	**4000**	**48000**	**110**	**23.8**	**8.6**	**19.2**
ARITH MEAN						**13800**	**76836**	**768**	**5383**	**28**	**12.7**	**5.9**	**7.1**
GEOM MEAN						**5822**	**31977**	**447**	**754**	**18**	**9.6**	**4.4**	**5.8**
MINIMUM						**1100**	**8900**	**100**	**160**	**8**	**1.3**	**0.1**	**2.8**
STD DEV (GEOM *)						4*	3*	3*	5*	2*	8.0	2.4	5.3
# SAMPLES (IN STATISTICS)						9	11	12	10	7	11	12	10

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 13 1023	.3	1		0.235	0.124	0.960	1.550	0.005	0.200	1.165	0.590	1.755	200.8
81 02 09 1031	.3	1		0.485	0.255	1.620	2.950	0.011	0.340	1.971	1.330	3.301	231.4
81 03 09 0941	.3	1		0.930	0.400	2.900	5.800	0.730	2.300	5.930	2.900	8.830	320.8
81 04 13 1019	.3	1		0.770	0.142	5.100	8.000	0.071	0.800	5.971	2.900	8.871	384.4
81 05 12 1035	.3	1		0.795	0.059	0.120	3.500	0.067	1.540	1.727	3.380	5.107	494.5
81 06 09 1031	.3	1		0.815	0.340	1.000	2.950	0.155	3.100	4.255	1.950	6.205	450.2
81 07 13 1030	.3	1		0.500	0.137	0.505	1.850	0.035	0.340	0.880	1.345	2.225	316.6
81 08 12 1032	.3	1		0.355	0.134	0.760	1.700	0.047	0.240	1.047	0.940	1.987	223.2
81 09 09 1122	.3	1		0.830	0.089	0.525	3.900	0.001	0.010<	0.536	3.375	3.911	244.5
81 10 13 1110	.3	1		0.355	0.070	2.000	3.500	0.106	0.620	2.726	1.500	4.226	257.4
81 11 09 1035	.3	1		0.320	0.154	2.350	3.600	0.195	0.900	3.445	1.250	4.695	321.1
81 11 30 1100	.3	1		0.295	0.104	1.700	2.750	0.042	0.910	2.652	1.050	3.702	283.7
MAXIMUM				**0.930**	**0.400**	**5.100**	**8.000**	**0.730**	**3.100**	**5.971**	**3.380**	**8.871**	**494.5**
ARITH MEAN				**0.557**	**0.167**	**1.628**	**3.504**	**0.122**	**1.026**	**2.888**	**1.740**	**4.628**	**310.7**
GEOM MEAN				**0.503**	**0.142**	**1.132**	**3.143**	**0.043**	**0.714**	**2.377**	**1.531**	**4.039**	**299.3**
MINIMUM				**0.235**	**0.059**	**0.120**	**1.550**	**0.001**	**0.200**	**0.880**	**0.590**	**1.755**	**200.8**
STD DEV (GEOM *)				**0.252**	**0.108**	**1.371**	**1.825**	**0.201**	**0.931**	**1.833**	**0.921**	**2.493**	**91.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**11**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	PH	COLAP	COD
81 01 13 1023	.3	1		6.3	211.000	324.0	1.30	20.000	7.72	10.000	14
81 02 09 1031	.3	1		5.7	225.7	365.0	2.40	22.000	7.73	19.000	38
81 03 09 0941	.3	1		12.4	308.4	474.0	7.50	26.000	7.07	19.000	53
81 04 13 1019	.3	1		93.4	291.0	437.0	30.00	30.000	7.74	38.000	72
81 05 12 1035	.3	1		115.6	378.9	497.0	95.00	28.000	7.31	98.000	46
81 06 09 1031	.3	1		204.3	258.100	397.0	105.00	33.500	7.22	42.000	33
81 07 13 1030	.3	1		119.9	197.000	303.0	49.00	18.500	7.65	17.000	24
81 08 12 1032	.3	1		56.4	193.100	297.0	36.00	16.500	7.42	7.000	33
81 09 09 1122	.3	1		36.0	208.5	384.0	12.00	23.000	7.31	45.000	58
81 10 13 1110	.3	1		34.7	222.7	411.0	23.00	24.500	7.65		
81 11 09 1035	.3	1		17.1	304.0	486.0	7.50	28.000	7.55	25.000	39
81 11 30 1100	.3	1		27.3	256.4	436.0	15.00	27.000	7.68	23.000	21
MAXIMUM				**204.3**	**378.9**	**497.0**	**105.00**	**33.500**	**7.74**	**98.000**	**72**
ARITH MEAN				**60.8**	**254.5**	**400.9**	**31.97**	**24.750**	**7.50**	**31.182**	**39**
GEOM MEAN				**35.4**	**249.2**	**395.3**	**16.42**	**24.275**	**7.50**	**24.292**	**36**
MINIMUM				**5.7**	**193.100**	**297.0**	**1.30**	**16.500**	**7.07**	**7.000**	**14**
STD DEV (GEOM *)				**60.9**	**56.4**	**69.0**	**34.90**	**4.975**	**0.23**	**25.408**	**17**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**11**	**11**

B.O.W./ SITE: **SIXTEEN MILE CREEK**
SAMPLE POINT: **AT BACK STREET, RODNEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SIXTEEN MILE CREEK**

STATION ID: **16-0063-001-02**
STORET CODE: **02 003 1970**

LAT: LONG: U T M: **17 0444450.0 4711500.0 4** REGION: **01** DISTANCE: **8.047**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 14 1100	.3	1		40508	4	2600	10000	270	640	4<	0.8	12.4	2.2
81 03 10 1015	.3	1		40542	6	1500	8600	80I	80I	4<	2.5	15.4	
81 04 22 1043	.3	1		40568	6	650	1940	30I	680	4<	10.0	13.0	1.2
81 05 13 1315	.3	1		40580	6	600C	3100	70I	30I	4<	14.0	13.9	1.5
81 06 11 1235	.3	1		40600	6	3100C	55000	600>	208	8	21.0	9.0	2.0
81 07 15 1305	.3	1		40620	6	34000	190000	1500>	720	24	25.5	10.4	6.2
81 08 20 1320	.3	1		40646	6 7	36000	100000	1500>	710	20	23.0	10.8	2.6
81 09 10 1420	.3	1		40659	6			770	1500	12	22.2	13.8	1.1
81 10 14 1430	.3	1		40679	6	15300>	96000	600I	380	4<	14.0	10.5	1.3
81 11 10 1407	.3	1		40699	6	4700	5900	430	360	4<	7.0		0.8
81 12 01 1425	.3	1		40719	6	19000	190000	690	1500>	20	6.0	11.4	1.3
MAXIMUM						**36000**	**190000**	**770**	**1500**	**24**	**25.5**	**15.4**	**6.2**
ARITH MEAN						**11350**	**66054**	**367**	**531**	**17**	**13.3**	**12.1**	**2.0**
GEOM MEAN						**4312**	**23794**	**223**	**343**	**16**	**9.3**	**11.9**	**1.7**
MINIMUM						**600**	**1940**	**30**	**30**	**8**	**0.8**	**9.0**	**0.8**
STD DEV (GEOM *)						**5***	**6***	**3***	**3***	**2***	**8.7**	**2.0**	**1.6**
# SAMPLES (IN STATISTICS)						**9**	**10**	**8**	**10**	**5**	**11**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 14 1100	.3	1		0.053	0.019	0.180	0.630	0.025	2.500	2.705	0.450	3.155	506.3
81 03 10 1015	.3	1		0.037	0.011	0.040	0.590	0.012	3.590	3.642	0.550	4.192	410.6
81 04 22 1043	.3	1		0.031	0.003	0.005	0.660	0.013	2.600	2.618	0.655	3.273	408.6
81 05 13 1315	.3	1		0.022	0.013	0.015	0.530	0.021	3.480	3.516	0.515	4.031	426.6
81 06 11 1235	.3	1		0.140	0.042	0.180	0.980	0.125	2.300	2.605	0.800	3.405	505.5
81 07 15 1305	.3	1		0.690	0.028	0.135	4.400	0.050	2.500	2.685	4.265	6.950	873.2
81 08 20 1320	.3	1		0.170	0.032	0.070	1.760	0.032	2.400	2.502	1.690	4.192	733.8
81 09 10 1420	.3	1		0.092	0.033	0.020	0.590	0.022	1.710	1.752	0.570	2.322	494.6
81 10 14 1430	.3	1		0.062	0.061	0.015	0.690	0.017	3.830	3.862	0.675	4.537	476.5
81 11 10 1407	.3	1		0.056	0.012	0.020	0.750	0.014	3.700	3.734	0.730	4.464	475.2
81 12 01 1425	.3	1		0.170	0.039	0.070	1.450	0.017	3.680	3.767	1.380	5.147	460.4
MAXIMUM				**0.690**	**0.061**	**0.180**	**4.400**	**0.125**	**3.830**	**3.862**	**4.265**	**6.950**	**873.2**
ARITH MEAN				**0.138**	**0.027**	**0.068**	**1.185**	**0.032**	**2.935**	**3.035**	**1.116**	**4.152**	**524.7**
GEOM MEAN				**0.082**	**0.021**	**0.040**	**0.927**	**0.024**	**2.848**	**2.957**	**0.858**	**4.000**	**509.9**
MINIMUM				**0.022**	**0.003**	**0.005**	**0.530**	**0.012**	**1.710**	**1.752**	**0.450**	**2.322**	**408.6**
STD DEV (GEOM *)				**0.191**	**0.017**	**0.067**	**1.137**	**0.033**	**0.731**	**0.695**	**1.113**	**1.215**	**145.5**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

(CONTD)

B.O.W./ SITE: **SIXTEEN MILE CREEK**
SAMPLE POINT: **AT BACK STREET, RODNEY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SIXTEEN MILE CREEK**

STATION ID: **16-0063-001-02**
STORET CODE: **02 003 1970**

LAT: LONG: U T M: **17 0444450.0 4711500.0 4** REGION: **01** DISTANCE: **8.047**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 14 1100	.3	1		43.7	462.6	670.0	10.00	35.500	7.96
81 03 10 1015	.3	1		17.9	392.7	590.0	7.90	27.500	8.02
81 04 22 1043	.3	1		6.4	402.2	610.0	4.50	37.500	8.25
81 05 13 1315	.3	1		12.8	413.8	570.0	5.20	30.000	8.27
81 06 11 1235	.3	1		57.5	448.0	620.0	30.00	36.500	8.15
81 07 15 1305	.3	1		449.0	424.2	625.0	300.00	39.000	8.05
81 08 20 1320	.3	1		238.8	495.0	665.0	170.00	47.000	8.12
81 09 10 1420	.3	1		35.9	458.7	665.0	19.00	49.000	8.47
81 10 14 1430	.3	1		30.8	445.7	680.0	18.00	35.500	8.27
81 11 10 1407	.3	1		30.6	444.6	660.0	18.00	33.000	8.17
81 12 01 1425	.3	1		36.3	424.1	640.0	24.00	32.500	7.98
MAXIMUM				**449.0**	**495.0**	**680.0**	**300.00**	**49.000**	**8.47**
ARITH MEAN				**87.2**	**437.4**	**635.9**	**55.15**	**36.636**	**8.16**
GEOM MEAN				**40.5**	**436.5**	**635.0**	**21.34**	**36.133**	**8.15**
MINIMUM				**6.4**	**392.7**	**570.0**	**4.50**	**27.500**	**7.96**
STD DEV (GEOM *)				**136.1**	**29.6**	**35.9**	**93.88**	**6.535**	**0.15**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**11**

B.O.W./ SITE: **BROCK CREEK**
SAMPLE POINT: **AT MIDDLE ST.3MILES S.OF WEST LORNE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BROCK CREEK**

STATION ID: **16-0066-001-02**
STORET CODE: **02 003 1940**

LAT: LONG: U T M: **17 0450950.0 4713950.0 4** REGION: **01** DISTANCE: **5.793**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 03 10 1042	.3	1		40541	6	1120	1400	130	60I	4<	2.0	12.7	0.4
81 04 22 1010	.3	1		40567	6	940C	3400	190	230	4<	9.0	11.9	1.1
81 05 13 1332	.3	1		40581	6	3400	9900	288	164	4	14.0	12.1	2.9
81 06 11 1257	.3	1		40601	6	3500	15000	520	360	4	19.5	12.4	1.2
81 07 15 1325	.3	1		40621	6	3600C	48000	1050	510	4<	22.0	10.1	1.3
81 08 20 1335	.3	1		40647	6	17000	51000	550	710	4	21.8	12.0	0.9
81 09 10 1445	.3	1		40660	6	7000I	20000	470	1500>	8	19.8	9.4	0.8
81 10 14 1452	.3	1		40680	6	3000I	21000	190	270	4<	13.0	10.6	1.4
81 11 10 1427	.3	1		40700	6	39000	11000	1260	310	4<	5.5		2.0
81 12 01 1445	.3	1		40720	6	35000	24000	1060	9300	8	4.0	10.2	2.0
MAXIMUM						**39000**	**51000**	**1260**	**9300**	**8**	**22.0**	**12.7**	**2.9**
ARITH MEAN						**11356**	**20470**	**571**	**1324**	**6**	**13.1**	**11.3**	**1.4**
GEOM MEAN						**5422**	**13437**	**437**	**394**	**5**	**10.3**	**11.2**	**1.2**
MINIMUM						**940**	**1400**	**130**	**60**	**4**	**2.0**	**9.4**	**0.4**
STD DEV (GEOM *)						**4***	**3***	**2***	**4***	**1***	**7.6**	**1.2**	**0.7**
# SAMPLES (IN STATISTICS)						**10**	**10**	**10**	**9**	**5**	**10**	**9**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 03 10 1042	.3	1		0.035	0.019	0.020	0.630	0.012	4.840	4.872	0.610	5.482	380.3
81 04 22 1010	.3	1		0.033	0.012	0.020	0.550	0.190	3.600	3.810	0.530	4.340	433.5
81 05 13 1332	.3	1		0.040	0.012	0.340	0.700	0.101	4.590	5.031	0.360	5.391	399.6
81 06 11 1257	.3	1		0.104	0.056	0.090	0.850	0.139	2.700	2.929	0.760	3.689	418.8
81 07 15 1325	.3	1		0.109	0.065	0.025	0.800	0.059	2.900	2.984	0.775	3.759	454.2
81 08 20 1335	.3	1		0.101	0.050	0.025	0.710	0.026	3.000	3.051	0.685	3.736	470.5
81 09 10 1445	.3	1		0.094	0.057	0.035	0.650	0.022	3.080	3.137	0.615	3.752	458.6
81 10 14 1452	.3	1		0.061	0.019	0.005	0.770	0.024	6.280	6.309	0.765	7.074	468.0
81 11 10 1427	.3	1		0.078	0.033	0.060	1.070	0.034	4.100	4.194	1.010	5.204	435.2
81 12 01 1445	.3	1		0.165	0.062	0.030	1.100	0.022	4.580	4.632	1.070	5.702	422.2
MAXIMUM				**0.165**	**0.065**	**0.340**	**1.100**	**0.190**	**6.280**	**6.309**	**1.070**	**7.074**	**470.5**
ARITH MEAN				**0.082**	**0.038**	**0.065**	**0.783**	**0.063**	**3.967**	**4.095**	**0.718**	**4.813**	**434.1**
GEOM MEAN				**0.072**	**0.032**	**0.035**	**0.765**	**0.043**	**3.832**	**3.964**	**0.688**	**4.698**	**433.2**
MINIMUM				**0.033**	**0.012**	**0.005**	**0.550**	**0.012**	**2.700**	**2.929**	**0.360**	**3.689**	**380.3**
STD DEV (GEOM *)				**0.041**	**0.022**	**0.100**	**0.181**	**0.061**	**1.130**	**1.124**	**0.212**	**1.141**	**29.7**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 03 10 1042	.3	1		4.3	376.0	540.0	3.30	28.500	7.99
81 04 22 1010	.3	1		9.7	423.8	580.0	3.60	26.500	8.11
81 05 13 1332	.3	1		29.3	370.3	564.0	7.50	25.000	8.22
81 06 11 1257	.3	1		14.2	404.6	570.0	5.40	34.000	8.24
81 07 15 1325	.3	1		12.7	441.5	645.0	6.90	46.000	8.19
81 08 20 1335	.3	1		13.4	467.1	670.0	11.00	42.500	8.21
81 09 10 1445	.3	1		15.4	443.2	660.0	7.00	38.000	8.40
81 10 14 1452	.3	1		19.5	448.5	685.0	7.90	29.500	8.20
81 11 10 1427	.3	1		7.1	428.1	650.0	4.50	26.000	8.16
81 12 01 1445	.3	1		31.8	390.4	580.0	34.00	26.500	7.92
MAXIMUM				**31.8**	**467.1**	**685.0**	**34.00**	**46.000**	**8.40**
ARITH MEAN				**15.7**	**419.3**	**614.4**	**9.11**	**32.250**	**8.16**
GEOM MEAN				**13.5**	**418.2**	**612.4**	**7.08**	**31.524**	**8.16**
MINIMUM				**4.3**	**370.3**	**540.0**	**3.30**	**25.000**	**7.92**
STD DEV (GEOM *)				**8.9**	**32.7**	**52.5**	**9.04**	**7.525**	**0.13**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **DUTTON DRAIN**
SAMPLE POINT: **CONC.RD.7 DUNWICH TWP.S-W OF DUTTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **TYRCONNELL CREEK**

STATION ID: **16-0072-001-02**
STORET CODE: **02 003 1900**

LAT: LONG: U T M: **17 0459800.0 4719900.0 4** REGION: **01** DISTANCE: **8.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 14 1015		.3	1	40507	4	2500	5500	380	30I	4<	0.8	16.4	2.1
81 02 10 1025		.3	1	40523	4						2.0	10.6	0.6
81 03 10 1105		.3	1	40540	6	11600	16400	650	110	16	2.0	13.6	0.8
81 04 22 0945		.3	1	40566	6	1400	11800	140	30I	4<	8.5	10.2	2.0
81 05 13 1353		.3	1	40582	6 5	1500	11300	210	70I	4<	13.0	12.0	7.6
81 06 11 1330		.3	1	40602	6 5	1100C	40000	380	290	4<	20.0	11.5	1.1
81 07 15 1349		.3	1	40622	6	4600C	32000	790	380	4<	24.2	9.9	1.7
81 08 20 1352		.3	1	40648	6	4200	16000	270	230	4<	22.5	10.5	2.6
81 09 10 1512		.3	1	40661	6	3600	18000	260	380	4<	19.0	7.4	0.9
81 10 14 1519		.3	1	40681	6	6200	12000	260	260	4<	12.0	11.0	1.2
81 11 10 1447		.3	1	40701	6	7800	5200	330	100	4<	4.5		3.8
81 12 01 1502		.3	1	40721	6	65000C	350000	3500	1370	120	3.5	10.6	5.2
MAXIMUM						**65000**	**350000**	**3500**	**1370**	**120**	**24.2**	**16.4**	**7.6**
ARITH MEAN						**9956**	**47109**	**652**	**295**	**68**	**11.0**	**11.2**	**2.5**
GEOM MEAN						**4482**	**18683**	**403**	**164**	**44**	**7.0**	**11.0**	**1.8**
MINIMUM						**1100**	**5200**	**140**	**30**	**16**	**0.8**	**7.4**	**0.6**
STD DEV (GEOM *)						3*	3*	2*	3*	4*	8.7	2.3	2.1
# SAMPLES (IN STATISTICS)						11	11	11	11	2	12	11	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1015		.3	1	0.061	0.034	0.720	1.160	0.040	3.900	4.660	0.440	5.100	637.8
81 02 10 1025		.3	1	0.071	0.063	0.530	1.390	0.115	3.000	3.645	0.860	4.505	642.2
81 03 10 1105		.3	1	0.099	0.034	0.095	1.020	0.033	5.100	5.228	0.925	6.153	469.6
81 04 22 0945		.3	1	0.040	0.004	0.005	0.880	0.022	4.000	4.027	0.875	4.902	538.6
81 05 13 1353		.3	1	0.180	0.006	1.980	2.640	0.139	4.410	6.529	0.660	7.189	509.6
81 06 11 1330		.3	1	0.092	0.026	0.040	1.320	0.086	2.400	2.526	1.280	3.806	549.4
81 07 15 1349		.3	1	0.095	0.021	0.060	1.400	0.030	2.800	2.890	1.340	4.230	597.3
81 08 20 1352		.3	1	0.074	0.020	0.055	0.950	0.008	0.560	0.623	0.895	1.518	578.2
81 09 10 1512		.3	1	0.096	0.034	0.030	0.940	0.011	1.170	1.211	0.910	2.121	576.2
81 10 14 1519		.3	1	0.042	0.004	0.005<	1.200	0.018	7.630	7.653	1.195	8.848	605.4
81 11 10 1447		.3	1	0.140	0.003	0.220	2.580	0.068	5.700	5.988	2.360	8.348	589.4
81 12 01 1502		.3	1	0.610	0.225	0.160	2.500	0.064	4.460	4.684	2.340	7.024	686.0
MAXIMUM				**0.610**	**0.225**	**1.980**	**2.640**	**0.139**	**7.630**	**7.653**	**2.360**	**8.848**	**686.0**
ARITH MEAN				**0.133**	**0.039**	**0.354**	**1.498**	**0.053**	**3.761**	**4.139**	**1.173**	**5.312**	**581.6**
GEOM MEAN				**0.097**	**0.019**	**0.116**	**1.383**	**0.038**	**3.134**	**3.441**	**1.063**	**4.756**	**578.8**
MINIMUM				**0.040**	**0.003**	**0.005**	**0.880**	**0.008**	**0.560**	**0.623**	**0.440**	**1.518**	**469.6**
STD DEV (GEOM *)				**0.155**	**0.061**	**0.586**	**0.671**	**0.042**	**1.950**	**2.102**	**0.603**	**2.292**	**59.7**
# SAMPLES (IN STATISTICS)				12	12	11	12	12	12	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 14 1015		.3	1	18.8	619.0	910.0	12.00	57.000	7.88
81 02 10 1025		.3	1	19.9	622.3	1010.0	16.00	62.000	7.71
81 03 10 1105		.3	1	24.6	445.0	710.0	16.00	38.500	7.96
81 04 22 0945		.3	1	15.2	523.4	690.0	8.20	41.000	8.11
81 05 13 1353		.3	1	25.5	484.1	710.0	8.80	47.500	8.53
81 06 11 1330		.3	1	22.0	527.4	755.0	22.00	84.500	7.91
81 07 15 1349		.3	1	24.5	572.8	785.0	28.00	69.000	8.13
81 08 20 1352		.3	1	21.5	556.7	830.0	22.00	120.000	8.04
81 09 10 1512		.3	1	22.1	554.1	820.0	17.00	102.000	8.06
81 10 14 1519		.3	1	15.2	590.2	860.0	3.30	46.000	8.27
81 11 10 1447		.3	1	18.4	571.0	830.0	5.40	44.500	8.20
81 12 01 1502		.3	1	173.4	512.6	550.0	260.00	36.500	7.74
MAXIMUM				**173.4**	**622.3**	**1010.0**	**260.00**	**120.000**	**8.53**
ARITH MEAN				**33.4**	**548.2**	**788.3**	**34.89**	**62.375**	**8.04**
GEOM MEAN				**24.4**	**545.8**	**779.9**	**15.77**	**57.877**	**8.04**
MINIMUM				**15.2**	**445.0**	**550.0**	**3.30**	**36.500**	**7.71**
STD DEV (GEOM *)				**44.2**	**52.7**	**118.1**	**71.27**	**26.898**	**0.23**
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W / SITE: **DODD CREEK**
SAMPLE POINT: **FIRST CONCESSION NORTH OF HIGHWAY 3**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GC104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-004-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0477275.0 4740275.0 4** REGION: **01** DISTANCE: **36.370**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 27 1515		.3	1	41810	4	2400	25000	1000	1500>	4<	0.0	9.0	12.4
81 03 03 1515		.3	1	41821		2000I	1000<	120	950	4<	0.0	9.0	0.9
81 03 30 1400		.3	1	41832		1800	4300	70I	10I	4	9.0	9.0	3.2
81 05 26 1405		.3	1	41843		900I	6000	280	50I	4<	21.0	10.0	4.4
81 06 22 1420		.3	1	41854		88000C	270000	1500>	1500>	308C	20.0	8.5	2.4
81 07 20 1630		.3	1	41865		33000	150000	6400	3400	120	23.0	8.5	6.0
81 08 31 1325		.3	1	41876		60000I	30000	2600	1200	60	24.0	8.0	3.2
81 09 29 1315		.3	1	41887		600I	7300	100<	100<	4<	11.0	7.5	0.9
81 10 29 1320		.3	1	41898		9700C	66000	1500>	1500>	4	10.0	8.0	2.1
81 11 24		.3	1	41909		800I	6700	160	330	4	3.0	8.5	1.0
MAXIMUM						**88000**	**270000**	**6400**	**3400**	**308**	**24.0**	**10.0**	**12.4**
ARITH MEAN						**19920**	**62811**	**1519**	**990**	**83**	**15.1**	**8.6**	**3.6**
GEOM MEAN						**4786**	**23885**	**484**	**294**	**23**	**12.7**	**8.6**	**2.8**
MINIMUM						**600**	**4300**	**70**	**10**	**4**	**3.0**	**7.5**	**0.9**
STD DEV (GEOM *)						7*	5*	5*	9*	7*	7.8	0.7	3.5
# SAMPLES (IN STATISTICS)						10	9	7	6	6	8	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 27 1515		.3	1	0.300	0.142	0.070	1.490	0.052	1.780	1.902	1.420	3.322	390.8
81 03 03 1515		.3	1	0.100	0.039	0.130	1.100	0.041	6.260	6.431	0.970	7.401	488.4
81 03 30 1400		.3	1	0.450	0.335	0.235	1.600	0.042	3.760	4.037	1.365	5.402	498.8
81 05 26 1405		.3	1	0.550	0.460	0.095	2.050	0.100	1.730	1.925	1.955	3.880	446.7
81 06 22 1420		.3	1	0.620	0.106	0.170	2.200	0.151	9.000	9.321	2.030	11.351	884.0
81 07 20 1630		.3	1	0.745	0.435	0.010	2.300	0.081	2.020	2.111	2.290	4.401	367.7
81 08 31 1325		.3	1	0.500	0.410	0.030	2.020	0.043	0.930	1.003	1.990	2.993	418.3
81 09 29 1315		.3	1	0.084	0.032	0.020	0.940	0.030	3.730	3.780	0.920	4.700	436.6
81 10 29 1320		.3	1	0.195	0.094	0.035	1.200	0.034	6.200	6.269	1.165	7.434	447.2
81 11 24		.3	1	0.061	0.021	0.020	0.620	0.016	11.700	11.736	0.600	12.336	452.3
MAXIMUM				**0.745**	**0.460**	**0.235**	**2.300**	**0.151**	**11.700**	**11.736**	**2.290**	**12.336**	**884.0**
ARITH MEAN				**0.360**	**0.207**	**0.081**	**1.552**	**0.069**	**4.711**	**4.851**	**1.470**	**6.322**	**483.1**
GEOM MEAN				**0.265**	**0.128**	**0.052**	**1.440**	**0.049**	**3.565**	**3.730**	**1.361**	**5.651**	**468.8**
MINIMUM				**0.061**	**0.021**	**0.010**	**0.620**	**0.016**	**0.930**	**1.003**	**0.600**	**2.993**	**367.7**
STD DEV (GEOM *)				**0.246**	**0.181**	**0.076**	**0.580**	**0.041**	**3.539**	**3.548**	**0.568**	**3.284**	**146.3**
# SAMPLES (IN STATISTICS)				10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLHORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*ALUT*	*CRUT*
81 01 27 1515		.3	1	7.9	382.9	670.0	2.80	88.000	124.0	7.58	1.000<	0.300	0.100 <
81 03 03 1515		.3	1	54.3	434.1	630.0	26.00	34.000		7.98	1.000<		0.010
81 03 30 1400		.3	1	58.0	440.8	690.0	44.00	53.000		8.04	1.000<		0.023
81 05 26 1405		.3	1	47.0	399.7	622.0	18.00	43.500	159.0	8.17		1.800	0.100 <
81 06 22 1420		.3	1	493.2	390.8	501.0	400.00	37.500	119.0	8.01	1.000<	7.000	0.010
81 07 20 1630		.3	1	27.8	339.9	545.0	22.00	57.500	102.0	9.13	1.000<	1.500	0.040
81 08 31 1325		.3	1	14.2	404.1	640.0	6.80	62.500	117.0	7.95		0.800	0.010 <
81 09 29 1315		.3	1	18.7	417.9	650.0	10.00	42.000	212.0	8.19	1.000<	0.400	0.100 <
81 10 29 1320		.3	1	39.6	407.6	570.0	64.00	30.000	192.0	7.94	1.000<	3.000	0.007
81 11 24		.3	1	7.0	445.3	740.0	8.10	34.000	272.0	8.17	1.000<	0.370	0.0040
MAXIMUM				**493.2**	**445.3**	**740.0**	**400.00**	**88.000**	**272.0**	**9.13**		**7.000**	**0.040**
ARITH MEAN				**78.8**	**406.3**	**626.8**	**60.17**	**48.200**	**162.1**	**8.12**		**1.898**	**0.015**
GEOM MEAN				**32.2**	**405.2**	**622.1**	**21.15**	**46.710**	**153.6**	**8.11**		**1.091**	**0.011**
MINIMUM				**7.0**	**339.9**	**501.0**	**2.80**	**30.000**	**102.0**	**7.58**		**0.300**	**0.0040**
STD DEV (GEOM *)				**147.5**	**31.4**	**70.8**	**120.89**	**17.662**	**59.1**	**0.40**		**2.260**	**0.013**
# SAMPLES (IN STATISTICS)				10	10	10	10	10	8	10		8	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*
81 01 27 1515		.3	1	0.026	0.020		0.090	0.025 <
81 03 03 1515		.3	1	0.004			0.011	0.004
81 03 30 1400		.3	1	0.025			0.094	0.041
81 05 26 1405		.3	1	0.024			0.040	0.025 <
81 06 22 1420		.3	1	0.030			0.048	0.030
81 07 20 1630		.3	1	0.040			0.042	0.060
81 08 31 1325		.3	1	0.030			0.050	0.060
81 09 29 1315		.3	1	0.009			0.030<	0.025 <
81 10 29 1320		.3	1	0.047	0.003<		0.067	0.005
81 11 24		.3	1	0.010	0.006	0.0001<	0.008	0.0030
MAXIMUM				**0.047**	**0.020**		**0.094**	**0.060**
ARITH MEAN				**0.024**	**0.013**		**0.050**	**0.029**
GEOM MEAN				**0.020**	**0.011**		**0.039**	**0.016**
MINIMUM				**0.004**	**0.006**		**0.008**	**0.0030**
STD DEV (GEOM *)				**0.014**	**0.010**		**0.030**	**0.025**
# SAMPLES (IN STATISTICS)				10	2		9	7

B.O.W./ SITE: **BEAVER CREEK**
SAMPLE POINT: **AT POND OUTLET COMMUNITY OF UNION**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-006-02**
STORET CODE: **02 003 1680**

LAT: LONG: U T M: **17 0483800.0 4728150.0 4** REGION: **01** DISTANCE: **7.403**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1350	.3	1		41808	4	6000I	54000	444	600>	4<	0.0	7.5	3.3
81 03 03 1346	.3	1		41819		580	1520	80I	20I	4<	0.0	8.0	1.0
81 03 30 1300	.3	1		41830		800	1740	70I	20I	4<	9.0	6.0	1.8
81 05 26 1245	.3	1		41841		400I	24000	10I	10<	4<	20.0	7.5	4.4
81 06 22 1300	.3	1		41852		10000I	390000	600>	600>	12	20.0	8.0	2.4
81 07 20 1510	.3	1		41863		700C	40000	30I	30I	4<	25.0	7.5	4.8
81 08 31 1200	.3	1		41874		370C	4000	120	80I	4<	24.0	7.0	2.0
81 09 29 1205	.3	1		41885		1700	19000	48	36	4<	11.0	6.0	2.0
81 10 29 1200	.3	1		41896		15700>	100000	600>	600>	4<	10.0	6.0	2.9
81 11 24 1210	.3	1		41907		1600C	36000	220	380	8	3.0	7.0	1.7
MAXIMUM						**10000**	**390000**	**444**	**380**	**12**	**25.0**	**8.0**	**4.8**
ARITH MEAN						**2461**	**67026**	**128**	**94**	**10**	**15.2**	**7.0**	**2.6**
GEOM MEAN						**1257**	**20726**	**74**	**49**	**10**	**12.8**	**7.0**	**2.4**
MINIMUM						**370**	**1620**	**10**	**20**	**8**	**3.0**	**6.0**	**1.0**
STD DEV (GEOM *)						**3***	**6***	**3***	**3***	**1***	**8.0**	**0.8**	**1.2**
# SAMPLES (IN STATISTICS)						**9**	**10**	**8**	**6**	**2**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1350	.3	1		0.077	0.013	0.270	0.920	0.030	3.000	3.300	0.650	3.950	425.8
81 03 03 1346	.3	1		0.062	0.023	0.185	0.820	0.029	3.170	3.384	0.635	4.019	340.8
81 03 30 1300	.3	1		0.079	0.004	0.015	0.710	0.017	2.230	2.262	0.695	2.957	378.7
81 05 26 1245	.3	1		0.106	0.003	0.015	1.140	0.036	0.650	0.701	1.125	1.826	296.0
81 06 22 1300	.3	1		0.150	0.010	0.210	1.200	0.074	1.640	1.924	0.990	2.914	343.2
81 07 20 1510	.3	1		0.146	0.007	0.050	1.360	0.076	0.900	1.026	1.310	2.336	291.2
81 08 31 1200	.3	1		0.085	0.010	0.090	0.950	0.038	0.600	0.728	0.860	1.588	326.4
81 09 29 1205	.3	1		0.116	0.032	0.045	1.300	0.043	1.820	1.908	1.255	3.163	458.4
81 10 29 1200	.3	1		0.190	0.054	0.035	1.000	0.035	2.400	2.470	0.965	3.435	395.2
81 11 24 1210	.3	1		0.050	0.015	0.045	0.800	0.022	2.700	2.767	0.755	3.522	395.6
MAXIMUM				**0.190**	**0.054**	**0.270**	**1.360**	**0.076**	**3.170**	**3.384**	**1.310**	**4.019**	**458.4**
ARITH MEAN				**0.106**	**0.017**	**0.096**	**1.020**	**0.040**	**1.911**	**2.047**	**0.924**	**2.971**	**365.1**
GEOM MEAN				**0.098**	**0.012**	**0.061**	**0.998**	**0.036**	**1.644**	**1.787**	**0.895**	**2.851**	**361.4**
MINIMUM				**0.050**	**0.003**	**0.015**	**0.710**	**0.017**	**0.600**	**0.701**	**0.635**	**1.588**	**291.2**
STD DEV (GEOM *)				**0.044**	**0.016**	**0.092**	**0.221**	**0.020**	**0.951**	**0.985**	**0.247**	**0.833**	**55.0**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 27 1350	.3	1		15.7	410.1	600.0	8.50	26.500	7.94
81 03 03 1346	.3	1		12.8	328.0	520.0	10.00	21.500	7.92
81 03 30 1300	.3	1		23.6	355.1	550.0	18.00	20.500	8.20
81 05 26 1245	.3	1		21.4	274.6	422.0	8.30	20.500	8.32
81 06 22 1300	.3	1		52.7	290.5	468.0	38.00	16.500	7.78
81 07 20 1510	.3	1		12.2	279.0	449.0	12.00	18.000	8.16
81 08 31 1200	.3	1		6.3	320.1	510.0	5.00	13.000	8.07
81 09 29 1205	.3	1		66.8	391.6	570.0	60.00	20.500	8.17
81 10 29 1200	.3	1		38.4	356.8	525.0	43.00	19.000	7.79
81 11 24 1210	.3	1		8.8	386.8	630.0	7.40	21.000	8.03
MAXIMUM				**66.8**	**410.1**	**630.0**	**60.00**	**26.500**	**8.32**
ARITH MEAN				**25.9**	**339.3**	**524.4**	**21.02**	**19.700**	**8.04**
GEOM MEAN				**19.8**	**336.1**	**520.6**	**14.94**	**19.403**	**8.04**
MINIMUM				**6.3**	**274.6**	**422.0**	**5.00**	**13.000**	**7.78**
STD DEV (GEOM *)				**20.3**	**48.6**	**66.0**	**19.04**	**3.521**	**0.18**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **FIRST CONCESSION SOUTH WEST OF BELMONT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-007-02**
STORET CODE: **02 003 1680**

LAT: LONG: U T M: **17 0491500.0 4746650.0 4** REGION: **01** DISTANCE: **44.417**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1100	.3	1		41803	4	6000	9000	570	910	4	0.0	5.0	0.6
81 03 03 1050	.3	1		41814		780	1940	200	1420	4<	0.0	6.0	0.9
81 03 30 1000	.3	1		41825		3500	8600	400	170	4<	8.0	6.0	1.9
81 05 26 1040	.3	1		41836		5600C	28000	170	230	4<	20.0	10.0	2.5
81 06 22 1035	.3	1		41847		93000C	900000	1500>	1500>	104C	21.0	8.0	2.8
81 07 20 1320	.3	1		41858		120000C	280000	7800	9100	400	23.0	7.5	2.2
81 08 31 0940	.3	1		41869		420000	1500000	23000>	28000>	276C	24.0	7.0	2.6
81 09 29 0935	.3	1		41880		1000I	10000	600<	100I	4<	10.0	6.0	0.5
81 10 29 0940	.3	1		41891		13200C	98000	1500>	1500>	32	8.0	6.5	3.2
81 11 24 0935	.3	1		41902		300I	2300	140	430	4<	2.0	8.0	1.0
MAXIMUM						**420000**	**1500000**	**7800**	**9100**	**400**	**24.0**	**10.0**	**3.2**
ARITH MEAN						**66338**	**283784**	**1547**	**1766**	**163**	**14.5**	**7.0**	**1.8**
GEOM MEAN						**8377**	**35926**	**451**	**571**	**68**	**11.5**	**6.9**	**1.5**
MINIMUM						**300**	**1940**	**140**	**100**	**4**	**2.0**	**5.0**	**0.5**
STD DEV (GEOM *)						**11***	**11***	**4***	**5***	**6***	**8.4**	**1.4**	**1.0**
# SAMPLES (IN STATISTICS)						**10**	**10**	**6**	**7**	**5**	**8**	**10**	**10**

(CONTD)

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **FIRST CONCESSION SOUTH WEST OF BELMONT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-007-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0491500.0 4746650.0 4** REGION: **01** DISTANCE: **44.417**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 27 1100	.3	1		0.098	0.042	0.320	0.950	0.025	2.200	2.545	0.630	3.175	416.0
81 03 03 1050	.3	1		0.098	0.043	0.140	1.020	0.028	5.900	6.068	0.880	6.948	388.3
81 03 30 1000	.3	1		0.136	0.026	0.135	1.080	0.045	5.410	5.590	0.945	6.535	460.0
81 05 26 1040	.3	1		0.085	0.010	0.065	1.090	0.080	1.910	2.055	1.025	3.080	428.0
81 06 22 1035	.3	1		0.900	0.141	0.235	2.500	0.195	9.000	9.430	2.265	11.695	1203.8
81 07 20 1320	.3	1		0.258	0.077	0.075	0.980	0.032	0.580	0.687	0.905	1.592	304.5
81 08 31 0940	.3	1		0.865	0.195	0.090	1.950	0.093	5.300	5.483	1.860	7.343	418.7
81 09 29 0935	.3	1		0.078	0.016	0.010	0.900	0.012	4.290	4.312	0.890	5.202	477.6
81 10 29 0940	.3	1		0.210	0.099	0.020	1.200	0.035	5.500	5.555	1.180	6.735	436.0
81 11 24 0935	.3	1		0.052	0.025	0.030	0.710	0.020	5.100	5.150	0.680	5.830	426.4
MAXIMUM				**0.900**	**0.195**	**0.320**	**2.500**	**0.195**	**9.000**	**9.430**	**2.265**	**11.695**	**1203.8**
ARITH MEAN				**0.278**	**0.067**	**0.112**	**1.238**	**0.056**	**4.519**	**4.687**	**1.126**	**5.813**	**495.9**
GEOM MEAN				**0.169**	**0.046**	**0.072**	**1.154**	**0.041**	**3.673**	**3.882**	**1.039**	**5.121**	**461.0**
MINIMUM				**0.052**	**0.010**	**0.010**	**0.710**	**0.012**	**0.580**	**0.687**	**0.630**	**1.592**	**304.5**
STD DEV (GEOM *)				**0.325**	**0.061**	**0.100**	**0.552**	**0.055**	**2.414**	**2.460**	**0.526**	**2.833**	**253.1**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 27 1100	.3	1		14.5	401.5	630.0	9.10	26.500	7.95
81 03 03 1050	.3	1		17.6	370.7	550.0	10.00	22.500	7.94
81 03 30 1000	.3	1		61.4	398.6	630.0	30.00	31.000	8.05
81 05 26 1040	.3	1		47.5	380.5	585.0	13.00	21.500	7.99
81 06 22 1035	.3	1		858.2	345.6	480.0	540.00	31.000	7.88
81 07 20 1320	.3	1		77.5	243.100	374.0	70.00	15.500	7.94
81 08 31 0940	.3	1		113.4	221.000	340.0	160.00	13.000	7.70
81 09 29 0935	.3	1		17.9	459.7	700.0	8.50	24.000	8.16
81 10 29 0940	.3	1		37.9	398.1	545.0	38.00	22.500	7.84
81 11 24 0935	.3	1		6.5	419.9	680.0	5.10	25.000	8.06
MAXIMUM				**858.2**	**459.7**	**700.0**	**540.00**	**31.000**	**8.16**
ARITH MEAN				**125.2**	**363.8**	**551.4**	**88.37**	**23.250**	**7.95**
GEOM MEAN				**43.6**	**355.4**	**537.7**	**28.50**	**22.517**	**7.95**
MINIMUM				**6.5**	**221.000**	**340.0**	**5.10**	**13.000**	**7.70**
STD DEV (GEOM *)				**259.7**	**75.8**	**121.7**	**165.60**	**5.808**	**0.13**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 26 ST THOMAS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-009-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0483450.0 4736750.0 4** REGION: **01** DISTANCE: **22.530**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 27 0940	.3	1		41801	4	7200	15000	440	200	4<	0.0	9.0	1.8
81 03 03 0940	.3	1		41812		100I	6000	100	280	4<	0.0	8.5	1.1
81 03 30 0900	.3	1		41823		300I	3200	630	10I	4<	8.0	11.0	2.6
81 05 26 0955	.3	1		41834		5600C	30000	250	150	4<	19.0	15.0	3.0
81 06 22 0955	.3	1		41845		44000C	520000	1500>	1500>	600>	20.0	9.0	2.4
81 07 20 1240	.3	1		41856		48000	200000	2800	5400	480	24.0	8.0	4.0
81 08 31 0900	.3	1		41867		360000	370000	27000>	27000>	272C	24.0	8.0	3.2
81 09 29 0855	.3	1		41878		3000I	34000	100<	100<	4<	10.0	6.0	1.2
81 10 29 0910	.3	1		41889		17000>	134000	1500>	1500>	100	8.0	5.0	4.0
81 11 24 0850	.3	1		41900		5900C	10000	1500>	1500>	56	2.0	4.5	2.6
MAXIMUM						**360000**	**520000**	**2800**	**5400**	**480**	**24.0**	**15.0**	**4.0**
ARITH MEAN						**52678**	**132220**	**844**	**1208**	**227**	**14.4**	**8.4**	**2.6**
GEOM MEAN						**6328**	**41499**	**455**	**214**	**164**	**11.4**	**7.9**	**2.4**
MINIMUM						**100**	**3200**	**100**	**10**	**56**	**2.0**	**4.5**	**1.1**
STD DEV (GEOM *)						**13***	**6***	**3***	**9***	**3***	**8.4**	**3.1**	**1.0**
# SAMPLES (IN STATISTICS)						**9**	**10**	**5**	**5**	**4**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 27 0940	.3	1		0.097	0.035	0.340	0.950	0.027	2.400	2.767	0.610	3.377	491.5
81 03 03 0940	.3	1		0.134	0.052	0.230	1.180	0.032	6.100	6.362	0.950	7.312	386.2
81 03 30 0900	.3	1		0.116	0.014	0.140	0.850	0.037	3.960	4.137	0.710	4.847	431.6
81 05 26 0955	.3	1		0.076	0.002	0.050	0.940	0.060	1.800	1.910	0.890	2.800	384.0
81 06 22 0955	.3	1		0.625	0.143	0.135	2.200	0.079	1.200	1.414	2.065	3.479	836.5
81 07 20 1240	.3	1		0.306	0.039	0.085	1.560	0.098	3.050	3.233	1.475	4.708	561.2
81 08 31 0900	.3	1		0.920	0.290	0.180	2.600	0.092	3.900	4.172	2.420	6.592	589.6
81 09 29 0855	.3	1		0.090	0.083	0.040	1.080	0.037	3.960	4.037	1.040	5.077	430.2
81 10 29 0910	.3	1		0.320	0.130	0.035	1.550	0.042	5.360	5.437	1.515	6.952	449.1
81 11 24 0850	.3	1		0.162	0.077	0.070	1.260	0.035	4.100	4.205	1.190	5.395	406.6
MAXIMUM				**0.920**	**0.290**	**0.340**	**2.600**	**0.098**	**6.100**	**6.362**	**2.420**	**7.312**	**836.5**
ARITH MEAN				**0.285**	**0.086**	**0.130**	**1.417**	**0.054**	**3.583**	**3.767**	**1.286**	**5.054**	**496.6**
GEOM MEAN				**0.198**	**0.048**	**0.101**	**1.326**	**0.049**	**3.245**	**3.459**	**1.176**	**4.829**	**482.5**
MINIMUM				**0.076**	**0.002**	**0.035**	**0.850**	**0.027**	**1.200**	**1.414**	**0.610**	**2.800**	**384.0**
STD DEV (GEOM *)				**0.280**	**0.085**	**0.098**	**0.579**	**0.027**	**1.516**	**1.504**	**0.588**	**1.553**	**138.3**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
81 01 27 0940		.3	1	26.6	464.9	750.0	26.00	47.000	8.11
81 03 03 0940		.3	1	32.8	353.4	530.0	27.00	24.000	8.01
81 03 30 0900		.3	1	65.7	365.9	580.0	49.00	35.500	8.16
81 05 26 0955		.3	1	30.8	353.2	530.0	18.00	23.000	7.93
81 06 22 0955		.3	1	494.4	342.1	417.0	430.00	37.000	7.89
81 07 20 1240		.3	1	228.3	332.9	497.0	132.00	38.500	8.02
81 08 31 0900		.3	1	295.5	205.000	315.0	280.00	13.000	7.71
81 09 29 0855		.3	1	22.2	408.0	630.0	19.00	29.000	8.13
81 10 29 0910		.3	1	79.6	369.5	530.0	74.00	23.000	7.93
81 11 24 0850		.3	1	20.6	386.0	590.0	33.00	29.000	8.07
MAXIMUM				**494.4**	**464.9**	**750.0**	**430.00**	**47.000**	**8.16**
ARITH MEAN				**129.6**	**358.0**	**536.9**	**108.80**	**29.900**	**8.00**
GEOM MEAN				**68.1**	**351.6**	**524.4**	**58.34**	**28.303**	**7.99**
MINIMUM				**20.6**	**205.000**	**315.0**	**18.00**	**13.000**	**7.71**
STD DEV (GEOM *)				**159.9**	**66.0**	**117.4**	**138.81**	**9.806**	**0.14**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **FIRST BRIDGE ABOVE PORT STANLEY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GC111**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-010-02**
STORET CODE: **02 003 1600**

LAT: LONG: U T M: **17 0482175.0 4726500.0 4** REGION: **01** DISTANCE: **4.828**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1352		.3	1	40509	4						1.2	11.7	0.510
81 01 27 1335		.3	1	41807	4	240	1960	10<	36	4<	0.0	8.0	0.220
81 02 10 1204		.3	1	40524	4						1.2	11.7	0.310
81 02 25 1340		.3	1	41002	3	10500	15600	1340	10700	12	1.8	12.0	0.296
81 03 03 1315		.3	1	41818				1340	680		0.0	7.5	0.146
81 03 05 1251		.3	1	41010	6			2500	480		5.0	11.0	0.152
81 03 10 1200		.3	1	41011	6			600>	576		5.5	11.0	0.149
81 03 20 1024		.3	1	41015	6			1800	1500		0.5	11.4	0.182
81 03 30 0955		.3	1	41016	6			5500	470		9.0	7.4	0.111
1215		.3	1	41829				1500>	452		8.0	8.0	0.097
81 04 08 1133		.3	1	41019	6			196	24		13.0	13.8	0.195
81 04 16 1425		.3	1	41022	6			31000>	16200>		11.5	11.2	1.690
81 05 26 1230		.3	1	41840		6400C	26000	250	50I	4<	20.0	7.5	0.270
81 06 22 1240		.3	1	41851		860000C	2900000	44000>	1500>	220	21.0	8.0	1.950
81 07 20 1500		.3	1	41862		14000	70000	3000I	3200	16	25.0	8.5	0.640
81 08 31 1140		.3	1	41873		380000	390000	17600>	6500	200	24.0	9.0	0.580
81 09 29 1140		.3	1	41884		1000I	18000	300<	100I	4<	10.0	10.0	0.244
81 10 29		.3	1	41895		81000C	740000	1500>	1500>	104	9.0	10.0	0.395
81 11 24		.3	1	41906		63000	189000	1500>	1060	132	3.0	8.0	0.212
81 12 10 1130		.3	1	41026	6			600>	404		0.2	13.8	0.151
MAXIMUM						**860000**	**2900000**	**5500**	**10700**	**220**	**25.0**	**13.8**	**1.960**
ARITH MEAN						**157349**	**483395**	**1991**	**1749**	**114**	**9.4**	**10.0**	**0.425**
GEOM MEAN						**19329**	**81489**	**1264**	**493**	**70**	**5.1**	**9.8**	**0.288**
MINIMUM						**240**	**1960**	**196**	**24**	**12**	**0.2**	**7.4**	**0.097**
STD DEV (GEOM *)						**14***	**10***	**3***	**6***	**4***	**8.2**	**2.1**	**0.503**
# SAMPLES (IN STATISTICS)						**9**	**9**	**8**	**15**	**6**	**18**	**20**	**20**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	ALK TOTAL MG/L AS CACO3	PH	ARSENIC UNF.TOT. MG/L AS AS
81 01 15 1352		.3	1	0.445	3.150	0.072	5.180	8.402	17.30	494.30	257.0	7.76	0.001<
81 01 27 1335		.3	1	0.146	1.630	0.041	5.600	7.271	32.80	538.40	287.0	7.89	
81 02 10 1204		.3	1	0.252	3.250	0.102	3.300	6.652	8.10	528.10	249.0	7.92	0.001<
81 02 25 1340		.3	1	0.103	1.480	0.066	5.600	7.146	162.60	281.80	140.0	7.88	0.001<
81 03 03 1315		.3	1	0.078	1.340	0.044	6.010	7.394	47.70	368.60	194.0	8.01	0.001<
81 03 05 1251		.3	1	0.094	1.560	0.076	5.300	6.936	31.80	375.70	212.0	8.00	0.001<
81 03 10 1200		.3	1	0.101	6.500	0.133	6.900	13.533	21.90	438.40	233.0	8.07	0.001<
81 03 20 1024		.3	1	0.146	2.260	0.083	5.320	7.663	14.70	412.30	229.0	8.10	0.001<
81 03 30 0955		.3	1	0.031	1.040	0.054	4.600	5.694	34.50	376.90	217.0	8.09	0.001<
1215		.3	1	0.031	1.030	0.054	5.150	6.234	41.20	331.30	214.0	8.22	
81 04 08 1133		.3	1	0.108	0.920	0.096	4.950	5.966	30.90	406.90	220.0	8.28	0.001<
81 04 16 1425		.3	1	0.162	10.100	0.077	3.200	13.377	1105.10	2701.80	342.0	7.53	0.008
81 05 26 1230		.3	1	0.137	1.200	0.205	3.040	4.445	42.00	339.60	209.0	8.18	
81 06 22 1240		.3	1	0.187	11.000	0.310	9.100	20.410	1631.40	323.80	135.0	7.75	
81 07 20 1500		.3	1	0.520	1.300	0.215	4.380	5.895	71.50	359.60	189.0	8.12	
81 08 31 1140		.3	1	0.122	1.650	0.109	1.280	3.039	391.50	289.50	154.0	7.92	
81 09 29 1140		.3	1	0.189	1.080	0.109	5.280	6.469	28.10	448.50	234.0	8.14	
81 10 29		.3	1	0.125	1.550	0.042	5.000	6.592	162.90	363.00	188.0	7.92	
81 11 24		.3	1	0.128	1.240	0.047	5.500	6.787	20.60	398.40	230.0	8.07	
81 12 10 1130		.3	1	0.115	0.750	0.121	6.080	6.951	13.60	514.70	254.0	8.21	0.001<
MAXIMUM				**0.520**	**11.000**	**0.310**	**9.100**	**20.410**	**1631.40**	**2701.80**	**342.0**	**8.28**	**0.008**
ARITH MEAN				**0.161**	**2.701**	**0.103**	**5.038**	**7.843**	**196.51**	**514.58**	**219.3**	**8.00**	**0.008**
GEOM MEAN				**0.129**	**1.888**	**0.087**	**4.736**	**7.207**	**53.96**	**432.32**	**214.3**	**8.00**	
MINIMUM				**0.031**	**0.750**	**0.041**	**1.280**	**3.039**	**8.10**	**281.80**	**135.0**	**7.53**	**0.008**
STD DEV (GEOM *)				**0.122**	**2.978**	**0.069**	**1.593**	**3.832**	**419.40**	**520.26**	**48.2**	**0.19**	
# SAMPLES (IN STATISTICS)				**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**1**

(CONTD)

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **FIRST BRIDGE ABOVE PORT STANLEY**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GC111**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-010-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0482175.0 4726500.0 4** REGION: **01** DISTANCE: **4.828**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
81 01 15 1352		.3	1	0.060<		0.006	0.006	0.004	0.0002<	0.024		
81 01 27 1335		.3	1		0.100<	0.100 <	0.005	0.005<		0.030<	0.025 <	
81 02 10 1204		.3	1	0.040<		0.002	0.006	0.003	0.0005	0.035		
81 02 25 1340		.3	1	0.070		0.006	0.006	0.003<	0.0002<	0.036		20<W
81 03 03 1315		.3	1			0.004	0.004	0.003<	0.0002<	0.036		
81 03 05 1251		.3	1	0.040<		0.010	0.003	0.003<	0.0002<	0.029		20<W
81 03 10 1200		.3	1	0.040<		0.009	0.005	0.003<	0.0002<	0.044		20<W
81 03 20 1024		.3	1	0.040<		0.007	0.007	0.030	0.0002<	0.036		
81 03 30 0955		.3	1	0.040<		0.002	0.003	0.003<	0.0003	0.027		
1215		.3	1			0.005	0.003	0.006	0.0002	0.042		
81 04 08 1133		.3	1	0.040<		0.004	0.005	0.003<	0.0006	0.018		20<W
81 04 16 1425		.3	1	0.200		0.050	0.039	0.073	0.0004	0.015		20<W
81 05 26 1230		.3	1		0.800	0.100 <	0.006	0.005<		0.030<	0.025 <	
81 06 22 1240		.3	1		11.900	0.020	0.030	0.010<		0.053	0.030	
81 07 20 1500		.3	1		2.800	0.050	0.030	0.010<		0.021	0.040	
81 08 31 1140		.3	1		9.000	0.010	0.040	0.040		0.086	0.030	
81 09 29 1140		.3	1		0.700	0.100 <	0.015	0.005<		0.030<	0.025 <	
81 10 29		.3	1			0.0120	0.020	0.006	0.0001	0.034		
81 11 24		.3	1			0.0070	0.012	0.011	0.0002	0.015	0.0040	
81 12 10 1130		.3	1	0.030<		0.008	0.022	0.007	0.0003	0.023		
MAXIMUM				**0.200**	**11.900**	**0.050**	**0.040**	**0.073**	**0.0006**	**0.086**	**0.040**	
ARITH MEAN				**0.135**	**5.040**	**0.012**	**0.013**	**0.020**	**0.0003**	**0.034**	**0.026**	
GEOM MEAN				**0.118**	**2.786**	**0.008**	**0.009**	**0.011**	**0.0003**	**0.031**	**0.019**	
MINIMUM				**0.070**	**0.700**	**0.002**	**0.003**	**0.003**	**0.0001**	**0.015**	**0.0040**	
STD DEV (GEOM *)				**0.092**	**5.113**	**0.014**	**0.012**	**0.024**	**0.0002**	**0.017**	**0.015**	
# SAMPLES (IN STATISTICS)				**2**	**5**	**17**	**20**	**9**	**8**	**17**	**4**	

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **AT ELGIN COUNTY ROAD 45**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-012-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0482550.0 4731350.0 4** REGION: **01** DISTANCE: **17.059**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1410		.3	1	41809	4	28000	97000	4100	740	24	0.0	5.5	6.5
81 03 03 1400		.3	1	41820		46000	88000	12600	880	40	0.0	6.0	2.2
81 03 30 1250		.3	1	41831		42000	46000	6000	820	36	9.0	8.0	7.2
81 05 26 1315		.3	1	41842		54000	169000	4600	100	44	21.0	8.5	4.4
81 06 22 1320		.3	1	41853		330000	1320000	64000	1500>	348C	20.0	7.0	4.0
81 07 20 1600		.3	1	41864		370000	940000	33000	13600	412	24.0	8.0	4.8
81 08 31 1235		.3	1	41875		410000	1300000	64000	7200	420	24.0	8.5	3.8
81 09 29 1240		.3	1	41886		62000	70000	14000	500I	52	11.0	8.0	2.9
81 10 29 1235		.3	1	41897		130000C	720000	33000	1500>	188	10.0	7.0	4.8
81 11 24 1235		.3	1	41908		89000	122000	11500	2800	64	3.0	6.5	3.0
MAXIMUM						**410000**	**1320000**	**64000**	**13600**	**420**	**24.0**	**8.5**	**7.2**
ARITH MEAN						**156100**	**487200**	**24680**	**3330**	**163**	**15.2**	**7.3**	**4.4**
GEOM MEAN						**100480**	**240898**	**15886**	**1283**	**95**	**12.8**	**7.2**	**4.1**
MINIMUM						**28000**	**46000**	**4100**	**100**	**24**	**3.0**	**5.5**	**2.2**
STD DEV (GEOM *)						**3***	**4***	**3***	**5***	**3***	**8.0**	**1.1**	**1.6**
# SAMPLES (IN STATISTICS)						**10**	**10**	**10**	**8**	**10**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1410		.3	1	0.380	0.265	1.500	2.600	0.117	2.900	4.517	1.100	5.617	719.4
81 03 03 1400		.3	1	0.174	0.098	0.495	1.480	0.045	6.260	6.800	0.985	7.785	420.6
81 03 30 1250		.3	1	0.350	0.070	0.445	1.680	0.073	4.380	4.898	1.235	6.133	617.8
81 05 26 1315		.3	1	0.330	0.240	0.795	1.880	0.275	3.070	4.140	1.085	5.225	394.8
81 06 22 1320		.3	1	0.460	0.136	0.335	1.900	0.134	5.300	5.769	1.565	7.334	502.3
81 07 20 1600		.3	1	0.590	0.320	0.455	1.600	0.183	2.570	3.208	1.145	4.353	376.7
81 08 31 1235		.3	1	0.765	0.167	0.285	2.050	0.088	1.730	2.103	1.765	3.868	643.4
81 09 29 1240		.3	1	0.326	0.250	0.400	1.400	0.172	5.530	6.102	1.000	7.102	465.3
81 10 29 1235		.3	1	0.385	0.152	0.130	1.800	0.048	4.900	5.078	1.670	6.748	491.0
81 11 24 1235		.3	1	0.212	0.115	0.165	1.300	0.039	5.300	5.504	1.135	6.639	435.0
MAXIMUM				**0.765**	**0.320**	**1.500**	**2.600**	**0.275**	**6.260**	**6.800**	**1.765**	**7.785**	**719.4**
ARITH MEAN				**0.397**	**0.181**	**0.500**	**1.769**	**0.117**	**4.194**	**4.812**	**1.268**	**6.080**	**506.6**
GEOM MEAN				**0.365**	**0.164**	**0.397**	**1.736**	**0.097**	**3.906**	**4.588**	**1.242**	**5.944**	**495.5**
MINIMUM				**0.174**	**0.070**	**0.130**	**1.300**	**0.039**	**1.730**	**2.103**	**0.985**	**3.868**	**376.7**
STD DEV (GEOM *)				**0.174**	**0.082**	**0.398**	**0.377**	**0.076**	**1.516**	**1.396**	**0.288**	**1.296**	**115.6**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	PH	PHNOL
81 01 27 1410		.3	1	35.5	683.9	940.0	22.00	132.000	7.98	1.000<
81 03 03 1400		.3	1	36.2	384.4	590.0	25.00	35.000	7.95	1.000<
81 03 30 1250		.3	1	188.3	429.5	650.0	95.00	45.500	8.07	1.000<
81 05 26 1315		.3	1	17.8	377.0	610.0	8.20	39.500	7.89	1.000<
81 06 22 1320		.3	1	212.0	290.3	470.0	140.00	30.000	7.93	1.000
81 07 20 1600		.3	1	127.0	242.400	373.0	140.00	25.500	7.80	1.000<
81 08 31 1235		.3	1	332.8	245.000	377.0	260.00	20.500	7.89	1.000<
81 09 29 1240		.3	1	23.1	442.2	695.0	14.00	44.500	8.00	1.000<
81 10 29 1235		.3	1	99.6	391.4	525.0	115.00	28.500	7.87	1.000<
81 11 24 1235		.3	1	23.2	411.8	655.0	28.00	36.500	8.05	1.000<
MAXIMUM				332.8	683.9	940.0	260.00	132.000	8.07	1.000
ARITH MEAN				109.5	389.7	588.5	84.72	43.750	7.94	1.000
GEOM MEAN				67.8	373.1	567.6	50.04	37.846	7.94	
MINIMUM				17.8	242.400	373.0	8.20	20.500	7.80	1.000
STD DEV (GEOM *)				106.0	126.5	167.6	81.26	32.031	0.08	
# SAMPLES (IN STATISTICS)				10	10	10	10	10	10	1

B.O.W./ SITE: **DODD CREEK**
SAMPLE POINT: **AT HIGHWAY 3 ST THOMAS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-013-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0482200.0 4736850.0 4** REGION: **01** DISTANCE: **22.530**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
81 01 27 0930		.3	1	41800	4	16000>	32000	400	600>	12	0.0	8.0	2.4
81 03 03 0930		.3	1	41811		1000<	22000	190	100	4<	0.0	7.0	0.9
81 03 30 0850		.3	1	41822		200I	3800	90I	10I	4<	8.0	10.0	1.6
81 05 26 0930		.3	1	41833		280C	16500	140	170	4<	19.0	15.0	3.4
81 06 22 0930		.3	1	41844		26000C	390000	1500>	1500>		19.0	15.0	1.4
81 07 20 1230		.3	1	41855		34000	103000	3500	4800	60	24.0	8.0	2.2
81 08 31 0850		.3	1	41866		27000	58000	2400	3900	96	24.0	7.0	2.4
81 09 29 0840		.3	1	41877		3000I	34000	400I	10I	4<	10.0	5.0	0.8
81 10 29 0835		.3	1	41888		10000C	185000	1500>	1500>	36	8.0	4.5	3.0
81 11 24 0840		.3	1	41899		1000	2100	160	880	4<	2.0	5.0	1.0
MAXIMUM						34000	390000	3500	4800	96	24.0	15.0	3.4
ARITH MEAN						12685	84640	910	1410	51	14.2	8.4	1.9
GEOM MEAN						3762	32606	388	224	40	11.3	7.8	1.7
MINIMUM						200	2100	90	10	12	2.0	4.5	0.8
STD DEV (GEOM *)						8*	5*	4*	13*	2*	8.3	3.8	0.9
# SAMPLES (IN STATISTICS)						8	10	8	7	4	8	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
81 01 27 0930		.3	1	0.210	0.162	0.625	1.260	0.016	2.700	3.341	0.635	3.976	499.9
81 03 03 0930		.3	1	0.122	0.049	0.080	1.000	0.024	6.500	6.604	0.920	7.524	439.6
81 03 30 0850		.3	1	0.134	0.051	0.015	0.750	0.020	5.730	5.765	0.735	6.500	529.5
81 05 26 0930		.3	1	0.069	0.053	0.040	0.560	0.034	1.760	1.834	0.520	2.354	498.0
81 06 22 0930		.3	1	0.266	0.109	0.050	1.420	0.081	7.200	7.331	1.370	8.701	522.6
81 07 20 1230		.3	1	0.306	0.196	0.065	1.260	0.027	0.570	0.662	1.195	1.857	456.0
81 08 31 0850		.3	1	0.232	0.131	0.060	1.040	0.033	0.610	0.703	0.980	1.683	477.6
81 09 29 0840		.3	1	0.148	0.010	0.015	1.580	0.018	4.880	4.913	1.565	6.478	554.1
81 10 29 0835		.3	1	0.275	0.104	0.010	1.650	0.032	6.420	6.462	1.640	8.102	493.2
81 11 24 0840		.3	1	0.072	0.037	0.010	0.690	0.014	7.300	7.324	0.680	8.004	497.8
MAXIMUM				0.306	0.196	0.625	1.650	0.081	7.300	7.331	1.640	8.701	554.1
ARITH MEAN				0.183	0.090	0.097	1.121	0.030	4.367	4.494	1.024	5.518	496.8
GEOM MEAN				0.163	0.069	0.039	1.059	0.026	3.166	3.363	0.954	4.697	495.8
MINIMUM				0.069	0.010	0.010	0.560	0.014	0.570	0.662	0.520	1.683	439.6
STD DEV (GEOM *)				0.086	0.060	0.187	0.377	0.019	2.700	2.659	0.400	2.777	33.9
# SAMPLES (IN STATISTICS)				10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	PH	PHNOL
81 01 27 0930		.3	1	14.4	485.5	760.0	5.50	61.500	7.96	1.000<
81 03 03 0930		.3	1	31.1	408.5	610.0	16.00	35.500	7.99	1.000<
81 03 30 0850		.3	1	35.9	493.6	720.0	27.00	53.000	8.05	1.000<
81 05 26 0930		.3	1	38.6	459.4	705.0	30.00	43.500	7.92	1.000<
81 06 22 0930		.3	1	99.4	423.2	770.0	94.00	60.500	8.00	1.000<
81 07 20 1230		.3	1	63.5	392.5	645.0	68.00	64.500	8.02	1.000<
81 08 31 0850		.3	1	43.1	434.5	650.0	44.00	62.000	7.82	
81 09 29 0840		.3	1	36.4	517.7	790.0	28.00	73.500	7.81	1.000<
81 10 29 0835		.3	1	61.4	431.8	565.0	88.00	36.000	7.87	1.000<
81 11 24 0840		.3	1	10.7	487.1	740.0	12.00	46.500	8.13	1.000<
MAXIMUM				99.4	517.7	790.0	94.00	73.500	8.13	
ARITH MEAN				43.4	453.4	695.5	41.25	53.650	7.96	
GEOM MEAN				36.4	451.7	691.8	30.01	52.187	7.96	
MINIMUM				10.7	392.5	565.0	5.50	35.500	7.81	
STD DEV (GEOM *)				25.9	41.4	74.7	31.57	12.847	0.10	
# SAMPLES (IN STATISTICS)				10	10	10	10	10	10	

B.O.W./ SITE: **KETTLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD NO 31 NORTH OF ST THOMAS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **KETTLE CREEK**

STATION ID: **16-0087-015-02**
STORET CODE: **02 003 1660**

LAT: LONG: U T M: **17 0486000.0 4739700.0 4** REGION: **01** DISTANCE: **29.933**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1010	.3	1		41802	4	180	2200	52	68	4<	0.0	5.0	2.7
81 03 03 1015	.3	1		41813		580	1160	70I	150	4<	0.0	7.0	1.2
81 03 30 0930	.3	1		41824		420	1800	30I	10I	4<	8.0	9.0	1.8
81 05 26 1020	.3	1		41835		90C	4800	10I	20I	4<	19.0	12.0	4.0
81 06 22 1015	.3	1		41846		2100C	31000	304	228	144	20.0	6.0	1.3
81 07 20 1255	.3	1		41857		6000	19000	50I	120	60	23.0	6.0	3.8
81 08 31 0915	.3	1		41868		80000	210000	1500>	1500>	176	24.0	8.0	3.2
81 09 29 0910	.3	1		41879		1600	8200	130	300I	4<	10.0	7.0	0.6
81 10 29 0925	.3	1		41890		16700>	130000	1500>	1500>	100	8.0	8.0	3.8
81 11 24 0915	.3	1		41901		800I	9400	280	930	16	2.0	7.0	1.4
MAXIMUM						**80000**	**210000**	**304**	**930**	**176**	**24.0**	**12.0**	**4.0**
ARITH MEAN						**10197**	**41756**	**116**	**228**	**99**	**14.2**	**7.5**	**2.4**
GEOM MEAN						**1198**	**11058**	**70**	**106**	**75**	**11.3**	**7.3**	**2.0**
MINIMUM						**90**	**1160**	**10**	**10**	**16**	**2.0**	**5.0**	**0.6**
STD DEV (GEOM *)						**8***	**6***	**3***	**4***	**3***	**8.2**	**2.0**	**1.3**
# SAMPLES (IN STATISTICS)						**9**	**10**	**8**	**8**	**5**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 27 1010	.3	1		0.066	0.010	0.325	0.930	0.038	3.000	3.363	0.605	3.968	654.2
81 03 03 1015	.3	1		0.082	0.033	0.115	1.020	0.027	6.200	6.342	0.905	7.247	406.6
81 03 30 0930	.3	1		0.110	0.008	0.035	0.820	0.030	5.970	6.035	0.785	6.820	438.2
81 05 26 1020	.3	1		0.134	0.003	0.060	1.020	0.037	1.070	1.167	0.960	2.127	383.4
81 06 22 1015	.3	1		0.106	0.013	0.060	0.980	0.052	1.890	2.002	0.920	2.922	393.6
81 07 20 1255	.3	1		0.180	0.005	0.080	1.480	0.040	0.550	0.670	1.400	2.070	259.3
81 08 31 0915	.3	1		0.880	0.300	0.175	2.550	0.095	3.900	4.170	2.375	6.545	597.3
81 09 29 0910	.3	1		0.072	0.027	0.050	0.920	0.028	3.970	4.048	0.870	4.918	465.4
81 10 29 0925	.3	1		0.330	0.117	0.030	1.600	0.040	5.510	5.580	1.570	7.150	470.4
81 11 24 0915	.3	1		0.051	0.021	0.020	0.660	0.017	5.400	5.437	0.640	6.077	429.6
MAXIMUM				**0.880**	**0.300**	**0.325**	**2.550**	**0.095**	**6.200**	**6.342**	**2.375**	**7.247**	**654.2**
ARITH MEAN				**0.201**	**0.054**	**0.095**	**1.198**	**0.040**	**3.746**	**3.881**	**1.103**	**4.984**	**449.8**
GEOM MEAN				**0.132**	**0.020**	**0.068**	**1.110**	**0.037**	**2.989**	**3.172**	**1.010**	**4.516**	**437.4**
MINIMUM				**0.051**	**0.003**	**0.020**	**0.660**	**0.017**	**0.550**	**0.670**	**0.605**	**2.070**	**259.3**
STD DEV (GEOM *)				**0.252**	**0.093**	**0.093**	**0.554**	**0.021**	**2.062**	**2.044**	**0.541**	**2.075**	**110.8**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL
81 01 27 1010	.3	1		21.5	632.7	1070.0	11.00	180.000	7.97	1.000<
81 03 03 1015	.3	1		26.8	379.8	550.0	17.00	21.500	7.97	1.000<
81 03 30 0930	.3	1		54.1	384.1	590.0	38.00	25.500	8.21	1.000<
81 05 26 1020	.3	1		50.7	332.7	515.0	36.00	20.000	8.07	
81 06 22 1015	.3	1		34.9	358.7	550.0	29.00	28.000	8.17	1.000<
81 07 20 1255	.3	1		23.0	236.3	429.0	36.00	20.500	7.97	1.000<
81 08 31 0915	.3	1		309.6	202.000	311.0	300.00	13.000	7.66	1.000<
81 09 29 0910	.3	1		26.8	438.6	670.0	24.00	24.500	8.14	
81 10 29 0925	.3	1		72.4	398.0	530.0	64.00	23.000	7.90	1.000<
81 11 24 0915	.3	1		11.1	418.5	675.0	9.00	26.000	8.10	1.000<
MAXIMUM				**309.6**	**632.7**	**1070.0**	**300.00**	**180.000**	**8.21**	
ARITH MEAN				**63.1**	**378.1**	**589.0**	**56.40**	**38.200**	**8.02**	
GEOM MEAN				**39.2**	**361.7**	**562.0**	**31.95**	**27.127**	**8.01**	
MINIMUM				**11.1**	**202.000**	**311.0**	**9.00**	**13.000**	**7.66**	
STD DEV (GEOM *)				**88.5**	**117.4**	**200.1**	**87.07**	**49.998**	**0.16**	
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	

B.O.W./ SITE: **CATFISH CREEK**
SAMPLE POINT: **AT CONC ROAD 2 MILES EAST OF SPARTA**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CATFISH CREEK**

STATION ID: **16-0097-003-02**
STORET CODE: **02 003 1570**

LAT: LONG: U T M: **17 0496250.0 4727550.0 4** REGION: **01** DISTANCE: **5.150**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
81 01 27 1310	.3	1		41806	4	0.370	2000	26600	290	730	4<	0.0	9.0
81 02 25 1310	.3	1		41001	3	10.600						2.0	12.0
81 03 03 1230	.3	1		41817		4.600			390	560		0.0	9.0
81 03 10 1229	.3	1		41012	6	2.440			16	120		6.0	10.4
81 03 30 1140	.3	1		41828		3.520	100<	1200	10I	10<	4<	8.0	7.0
81 04 08 1202	.3	1		41020	6	0.839			4<	4		13.5	15.8
81 05 26 1320	.3	1		41839		0.573	1500	17900	160	110	4<	20.0	8.0
81 06 22 1210	.3	1		41850		3.540						21.0	8.0
81 07 20 1435	.3	1		41861		0.292						24.0	7.5
81 08 31 1105	.3	1		41872		4.530						24.0	6.5
81 09 29 1100	.3	1		41883		1.100						10.0	7.0
81 10 29	.3	1		41894		8.500						9.0	6.0
81 11 24	.3	1		41905		3.260						3.0	6.0
MAXIMUM						**10.600**	**2000**	**26600**	**390**	**730**		**24.0**	**15.8**
ARITH MEAN						**3.397**	**1750**	**15233**	**173**	**305**		**12.8**	**8.6**
GEOM MEAN						**2.041**	**1732**	**8298**	**78**	**117**		**9.8**	**8.3**
MINIMUM						**0.292**	**1500**	**1200**	**10**	**4**		**2.0**	**6.0**
STD DEV (GEOM *)						**3.165**	**1***	**5***	**5***	**8***		**8.2**	**2.8**
# SAMPLES (IN STATISTICS)						**13**	**2**	**3**	**5**	**5**		**11**	**13**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 01 27 1310		.3	1	0.098	0.049	0.870	0.026	2.500	3.396	16.20	385.30	219.0	8.12
81 02 25 1310		.3	1	0.222	0.072	1.420	0.066	5.200	6.686	104.50	298.80	146.0	7.86
81 03 03 1230		.3	1	0.098	0.051					19.60	375.00	207.0	8.03
81 03 10 1229		.3	1	0.096	0.050	0.820	0.027	4.120	4.967	15.20	388.00	232.0	8.13
81 03 30 1140		.3	1	0.052	0.016					25.20	473.60	214.0	8.25
81 04 08 1202		.3	1	0.024	0.002	0.580	0.029	2.670	3.279	7.20	329.40	200.0	8.38
81 05 26 1320		.3	1	0.053	0.001	0.710	0.038	1.230	1.978	21.20	322.90	210.0	8.08
81 06 22 1210		.3	1	1.540	0.080	5.300	0.096	4.700	10.096	1344.80	278.00	145.0	7.93
81 07 20 1435		.3	1	0.142	0.006	1.140	0.007	0.240	1.387	50.30	288.60	186.0	8.16
81 08 31 1105		.3	1	0.490	0.340	2.020	0.135	6.110	8.265	447.00	288.20	124.0	7.87
81 09 29 1100		.3	1	0.039	0.012	0.630	0.023	3.890	4.543	8.40	434.70	256.0	8.20
81 10 29		.3	1	0.420	0.150	1.650	0.046	4.200	5.896	122.50	332.00	160.0	7.82
81 11 24		.3	1	0.081	0.044	0.820	0.031	5.300	6.151	6.20	405.60	251.0	8.13
	MAXIMUM			**1.540**	**0.340**	**5.300**	**0.135**	**6.110**	**10.096**	**1344.80**	**473.60**	**256.0**	**8.38**
	ARITH MEAN			**0.258**	**0.067**	**1.451**	**0.048**	**3.651**	**5.149**	**168.33**	**353.86**	**196.2**	**8.07**
	GEOM MEAN			**0.126**	**0.027**	**1.143**	**0.036**	**2.861**	**4.462**	**38.24**	**349.06**	**191.8**	**8.07**
	MINIMUM			**0.024**	**0.001**	**0.580**	**0.007**	**0.240**	**1.387**	**6.20**	**278.00**	**124.0**	**7.82**
	STD DEV (GEOM *)			**0.412**	**0.092**	**1.356**	**0.038**	**1.806**	**2.632**	**373.11**	**61.60**	**41.6**	**0.17**
	# SAMPLES (IN STATISTICS)			**13**	**13**	**11**	**11**	**11**	**11**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
81 01 27 1310		.3	1			0.400	0.100 <	0.015	0.005<		0.030<	0.025 <	
81 02 25 1310		.3	1	0.001<	0.040		0.005	0.003	0.003<	0.0002<	0.023		20<W
81 03 03 1230		.3	1	0.001<			0.003	0.003	0.003	0.0002<	0.044		
81 03 10 1229		.3	1	0.001<	0.040<		0.003	0.011	0.003<	0.0003	0.014		20<W
81 03 30 1140		.3	1				0.035	0.004	0.018	0.0002<	0.042		
81 04 08 1202		.3	1	0.001<	0.040<		0.003	0.002	0.003<	0.0007	0.004		20<W
81 05 26 1320		.3	1			0.200	0.100 <	0.006	0.005<		0.030<	0.025 <	
81 06 22 1210		.3	1			6.800	0.010 <	0.030	0.010<		0.048	0.010	
81 07 20 1435		.3	1			1.500	0.040	0.040	0.010<		0.021	0.050	20<W
81 08 31 1105		.3	1			13.600	0.090	0.040	0.010		0.077	0.050	20<W
81 09 29 1100		.3	1			0.200	0.100 <	0.074	0.005<		0.040	0.025 <	20<W
81 10 29		.3	1				0.0100	0.014	0.003<	0.0005	0.036		20<W
81 11 24		.3	1				0.0040	0.010	0.007	0.0001	0.035	0.0030	20<W
	MAXIMUM				**0.040**	**13.600**	**0.090**	**0.074**	**0.018**	**0.0007**	**0.077**	**0.050**	
	ARITH MEAN				**0.040**	**3.783**	**0.021**	**0.019**	**0.009**	**0.0004**	**0.035**	**0.028**	
	GEOM MEAN					**1.142**	**0.009**	**0.011**	**0.008**	**0.0003**	**0.028**	**0.016**	
	MINIMUM				**0.040**	**0.200**	**0.003**	**0.002**	**0.003**	**0.0001**	**0.004**	**0.0030**	
	STD DEV (GEOM *)					**5.437**	**0.029**	**0.021**	**0.006**	**0.0003**	**0.020**	**0.025**	
	# SAMPLES (IN STATISTICS)				**1**	**6**	**9**	**13**	**4**	**4**	**11**	**4**	

B.O.W./ SITE: **CATFISH CREEK**
SAMPLE POINT: **AT HIGHWAY NO 3 WEST OF ORWELL**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GC110**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CATFISH CREEK**

STATION ID: **16-0097-005-02**
STORET CODE: **02 003 1570**

LAT: LONG: U T M: **17 0496475.0 4735675.0 4** REGION: **01** DISTANCE: **24.944**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 27 1125		.3	1	41804	4	90000I	120000	1500>	1500>	4<	0.0	7.0	5.9
81 03 03 1120		.3	1	41815		11000	16000	1500>	880	4<	0.0	7.0	1.6
81 03 30 1030		.3	1	41826		1200	5400	460	110	4<	0.0	8.0	3.9
81 05 26 1100		.3	1	41837		1200	7200	90I	40I	4<	20.0	7.0	2.1
81 06 22 1105		.3	1	41848		100000	600000	1500>		196C	21.0	8.0	3.6
81 07 20 1340		.3	1	41859		4000C	63000	2000	1700	8	24.0	8.0	2.5
81 08 31 1010		.3	1	41870		50000	120000	9000	7200	56	23.0	8.0	2.6
81 09 29 1000		.3	1	41881		4300	8500	300<	300I	4<	10.0	7.0	1.3
81 10 29 1020		.3	1	41892		18500>	240000	1500>	1500>	44	9.0	7.0	4.6
81 11 24 1010		.3	1	41903		4300C	62000	760	860	4	3.0	8.0	2.0
	MAXIMUM					**100000**	**600000**	**9000**	**7200**	**196**	**24.0**	**8.0**	**5.9**
	ARITH MEAN					**29658**	**124210**	**2462**	**1584**	**62**	**15.7**	**7.5**	**3.0**
	GEOM MEAN					**9313**	**46044**	**893**	**533**	**27**	**13.0**	**7.5**	**2.7**
	MINIMUM					**1200**	**5400**	**90**	**40**	**4**	**3.0**	**7.0**	**1.3**
	STD DEV (GEOM *)					**6***	**5***	**6***	**6***	**5***	**8.2**	**0.5**	**1.5**
	# SAMPLES (IN STATISTICS)					**9**	**10**	**5**	**7**	**5**	**7**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 27 1125		.3	1	0.270	0.166	0.740	1.800	0.032	2.500	3.272	1.060	4.332	412.0
81 03 03 1120		.3	1	0.118	0.065	0.295	1.260	0.035	5.300	5.630	0.965	6.595	405.2
81 03 30 1030		.3	1	0.880	0.118	1.150	2.300	0.056	4.640	5.846	1.150	6.996	453.8
81 05 26 1100		.3	1	0.123	0.046	0.205	1.010	0.100	2.650	2.955	0.805	3.760	393.6
81 06 22 1105		.3	1	0.535	0.114	0.345	2.000	0.183	4.100	4.628	1.655	6.283	521.5
81 07 20 1340		.3	1	0.380	0.107	0.050	1.360	0.042	1.200	1.292	1.310	2.602	448.5
81 08 31 1010		.3	1	0.390	0.122	0.105	1.640	0.069	2.900	3.074	1.535	4.609	480.7
81 09 29 1000		.3	1	0.160	0.035	0.015	1.000	0.036	4.810	4.861	0.985	5.846	508.0
81 10 29 1020		.3	1	0.365	0.126	0.080	1.800	0.048	4.800	4.928	1.720	6.648	438.5
81 11 24 1010		.3	1	0.096	0.050	0.014	0.990	0.040	5.900	5.954	0.976	6.930	451.6
	MAXIMUM			**0.880**	**0.166**	**1.150**	**2.300**	**0.183**	**5.900**	**5.954**	**1.720**	**6.996**	**521.5**
	ARITH MEAN			**0.332**	**0.095**	**0.300**	**1.516**	**0.064**	**3.880**	**4.244**	**1.216**	**5.460**	**451.3**
	GEOM MEAN			**0.262**	**0.085**	**0.132**	**1.453**	**0.054**	**3.549**	**3.910**	**1.179**	**5.228**	**449.6**
	MINIMUM			**0.096**	**0.035**	**0.014**	**0.990**	**0.032**	**1.200**	**1.292**	**0.805**	**2.602**	**393.6**
	STD DEV (GEOM *)			**0.242**	**0.043**	**0.371**	**0.461**	**0.047**	**1.490**	**1.531**	**0.321**	**1.531**	**42.4**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

B.O.W./ SITE: **CATFISH CREEK**
SAMPLE POINT: **AT HIGHWAY NO 3 WEST OF ORWELL**
STATION TYPE: **RIVER FLOW GAUGE MOE 02GC110**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CATFISH CREEK**

STATION ID: **16-0097-005-02**
STORET CODE: **02 003 1570**

LAT: LONG: U T M: **17 0496475.0 4735675.0 4** REGION: **01** DISTANCE: **24.944**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 27 1125		.3	1	13.4	398.6	610.0	8.50	41.500	7.84
81 03 03 1120		.3	1	13.9	391.3	600.0	7.80	28.000	7.88
81 03 30 1030		.3	1	11.7	442.1	690.0	7.50	42.000	8.02
81 05 26 1100		.3	1	13.0	380.6	615.0	6.00	29.500	7.94
81 06 22 1105		.3	1	177.3	344.2	540.0	100.00	33.000	7.88
81 07 20 1340		.3	1	66.6	481.9	595.0	72.00	33.500	8.15
81 08 31 1010		.3	1	104.9	375.8	565.0	50.00	28.000	7.84
81 09 29 1000		.3	1	29.0	479.0	730.0	14.00	33.000	8.16
81 10 29 1020		.3	1	77.5	361.0	481.0	80.00	21.500	7.64
81 11 24 1010		.3	1	5.8	445.8	715.0	5.70	34.000	7.98
	MAXIMUM			**177.3**	**481.9**	**730.0**	**100.00**	**42.000**	**8.16**
	ARITH MEAN			**51.3**	**410.0**	**614.1**	**35.15**	**32.400**	**7.93**
	GEOM MEAN			**29.2**	**407.4**	**609.5**	**19.21**	**31.852**	**7.93**
	MINIMUM			**5.8**	**344.2**	**481.0**	**5.70**	**21.500**	**7.64**
	STD DEV (GEOM *)			**55.9**	**48.9**	**78.6**	**36.79**	**6.195**	**0.16**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **CATFISH CREEK**
SAMPLE POINT: **AT ELGIN COUNTY ROAD NO 40 GLENCOLIN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CATFISH CREEK**

STATION ID: **16-0097-006-02**
STORET CODE: **02 003 1570**

LAT: LONG: U T M: **17 0505600.0 4737600.0 4** REGION: **01** DISTANCE: **34.761**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 27 1200		.3	1	41805	4	112000	140000	1460	1500>	88	0.0	10.0	6.1
81 03 03 1150		.3	1	41816		12000	16000	820	390	4<	0.0	10.5	1.3
81 03 30 1100		.3	1	41827		4100	13000	800	130	4<	0.0	8.0	1.4
81 05 26 1130		.3	1	41838		3500C	28000	470	150	4<	19.0	8.0	4.6
81 06 22 1135		.3	1	41849		150000	810000	1500>		24	21.0	7.0	7.0
81 07 20 1410		.3	1	41860		85000	100000	4600	4200	16	24.0	6.0	2.0
81 08 31 1030		.3	1	41871		210000	320000	7600	8100	100	23.0	8.0	2.6
81 09 29 1020		.3	1	41882		5000I	14000	600<	300I	4<	10.0	8.0	0.5
81 10 29 1040		.3	1	41893		25000C	690000	1500>	1500>	32	9.0	9.0	3.1
81 11 24 1030		.3	1	41904		5900C	43000	600	1250	16	3.0	8.5	1.0
	MAXIMUM					**210000**	**810000**	**7600**	**8100**	**100**	**24.0**	**10.5**	**7.0**
	ARITH MEAN					**61250**	**217400**	**2336**	**2074**	**46**	**15.6**	**8.3**	**3.0**
	GEOM MEAN					**22807**	**78405**	**1378**	**717**	**35**	**12.9**	**8.2**	**2.2**
	MINIMUM					**3500**	**13000**	**470**	**130**	**16**	**3.0**	**6.0**	**0.5**
	STD DEV (GEOM *)					**5***	**5***	**3***	**5***	**2***	**8.2**	**1.3**	**2.2**
	# SAMPLES (IN STATISTICS)					**10**	**10**	**7**	**7**	**6**	**7**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 27 1200		.3	1	0.250	0.137	0.830	1.950	0.037	2.900	3.767	1.120	4.887	385.1
81 03 03 1150		.3	1	0.104	0.046	0.180	1.020	0.030	5.870	6.080	0.840	6.920	405.6
81 03 30 1100		.3	1	0.052	0.014	0.040	0.670	0.040	6.160	6.240	0.630	6.870	488.9
81 05 26 1130		.3	1	0.420	0.013	0.070	2.320	0.063	2.690	2.823	2.250	5.073	559.8
81 06 22 1135		.3	1	0.670	0.182	1.800	4.300	0.380	22.200	24.380	2.500	26.880	783.0
81 07 20 1410		.3	1	0.148	0.038	0.105	0.980	0.058	1.070	1.233	0.875	2.108	400.2
81 08 31 1030		.3	1	0.550	0.330	0.225	2.020	0.134	6.200	6.559	1.795	8.354	450.0
81 09 29 1020		.3	1	0.082	0.049	0.090	0.760	0.056	4.940	5.086	0.670	5.756	474.4
81 10 29 1040		.3	1	0.260	0.113	0.050	1.600	0.042	7.000	7.092	1.550	8.642	431.4
81 11 24 1030		.3	1	0.072	0.038	0.090	0.710	0.038	7.200	7.328	0.620	7.948	452.8
	MAXIMUM			**0.670**	**0.330**	**1.800**	**4.300**	**0.380**	**22.200**	**24.380**	**2.500**	**26.880**	**783.0**
	ARITH MEAN			**0.261**	**0.096**	**0.348**	**1.633**	**0.088**	**6.623**	**7.059**	**1.285**	**8.344**	**483.1**
	GEOM MEAN			**0.185**	**0.059**	**0.153**	**1.367**	**0.061**	**5.029**	**5.399**	**1.129**	**6.829**	**472.8**
	MINIMUM			**0.052**	**0.013**	**0.040**	**0.670**	**0.030**	**1.070**	**1.233**	**0.620**	**2.108**	**385.1**
	STD DEV (GEOM *)			**0.217**	**0.100**	**0.561**	**1.115**	**0.107**	**5.841**	**6.400**	**0.698**	**6.801**	**117.0**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 27 1200		.3	1	17.8	367.3	560.0	8.20	27.000	7.74
81 03 03 1150		.3	1	20.7	384.9	610.0	9.50	22.500	7.75
81 03 30 1100		.3	1	30.3	458.6	650.0	6.00	27.000	7.93
81 05 26 1130		.3	1	143.0	416.8	615.0	35.00	19.500	8.01
81 06 22 1135		.3	1	254.7	528.3	710.0	140.00	43.000	7.61
81 07 20 1410		.3	1	47.2	353.0	665.0	20.00	18.000	8.02
81 08 31 1030		.3	1	78.2	371.8	487.0	75.00	29.500	7.76
81 09 29 1020		.3	1	11.2	463.2	710.0	6.40	25.000	8.01
81 10 29 1040		.3	1	46.7	384.7	520.0	47.00	22.500	7.60
81 11 24 1030		.3	1	9.1	443.7	720.0	6.30	27.000	7.84
	MAXIMUM			**254.7**	**528.3**	**720.0**	**140.00**	**43.000**	**8.02**
	ARITH MEAN			**65.9**	**417.2**	**624.7**	**35.34**	**26.100**	**7.83**
	GEOM MEAN			**38.5**	**414.1**	**619.7**	**19.11**	**25.380**	**7.83**
	MINIMUM			**9.1**	**353.0**	**487.0**	**6.00**	**18.000**	**7.60**
	STD DEV (GEOM *)			**77.7**	**55.4**	**81.9**	**43.26**	**6.959**	**0.16**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BIG OTTER CREEK**
SAMPLE POINT: **9TH LINE BAYHAM TOWN LINE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG OTTER CREEK**

STATION ID: **16-0109-004-02**
STORET CODE: **02 003 1390**

LAT: LONG: U T M: **17 0517825.0 4738100.0 4** REGION: **01** DISTANCE: **44.095**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO
81 01 19 1318		.3	1	40514	4	1.150	400I	1500	30I	130	4	3.0	12.0
81 03 16 1300		.3	1	40547	6	3.320	20A	400	12	12	4<	2.5	14.0
81 04 21 1230		.3	1	40564	6	5.090	236C	2280	36	44	4<	9.0	9.4
81 05 21 1130		.3	1	40587	6	2.120	150C	7000	4	8	4<	15.0	10.8
81 06 16 1131		.3	1	40607	6	1.530	1600C	47000	180	76	4<	20.0	9.0
81 07 27 1111		.3	1	40627	6	0.548	2700C	29000	240	588	24	19.2	9.0
81 08 18 1104		.3	1	40641	6	1.210	2700C	30000	184	204	4<	15.0	9.4
81 09 21 1232		.3	1	40666	6	1.950	770C	6000	30I	68	4<	11.5	10.6
81 10 21 1338		.3	1	40686	6	6.140	5500	14800	600>	600>	4<	10.2	10.0
81 11 16 1252		.3	1	40706	6	2.150	27300>	6600	28	600>	4<	7.1	12.6
81 12 03 1310		.3	1	40726	6	4.940	3200	14100	310	420	4<	4.0	12.0
	MAXIMUM					**6.140**	**5500**	**47000**	**310**	**588**	**24**	**20.0**	**14.0**
	ARITH MEAN					**2.741**	**1728**	**14425**	**105**	**172**	**14**	**10.8**	**10.8**
	GEOM MEAN					**2.181**	**733**	**7321**	**50**	**81**	**10**	**8.6**	**10.7**
	MINIMUM					**0.548**	**20**	**400**	**4**	**8**	**4**	**2.5**	**9.0**
	STD DEV (GEOM *)					**1.864**	**6***	**4***	**4***	**4***	**4***	**6.2**	**1.7**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**11**	**10**	**9**	**2**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI
81 01 19 1318		.3	1	0.6	0.024	0.010	0.095	0.410	0.014	3.400	3.509	0.315	3.824
81 03 16 1300		.3	1	0.1	0.038	0.014	0.035	0.470	0.024	4.780	4.839	0.435	5.274
81 04 21 1230		.3	1	1.6	0.064	0.009	0.010	0.770	0.021	5.400	5.431	0.760	6.191
81 05 21 1130		.3	1	1.4	0.063	0.005	0.030	0.660	0.012	2.590	2.632	0.630	3.262
81 06 16 1131		.3	1	1.8	0.156	0.022	0.060	0.900	0.065	2.390	2.515	0.840	3.355
81 07 27 1111		.3	1	2.3	0.108	0.005	0.015	0.780	0.025	1.970	2.010	0.765	2.775
81 08 18 1104		.3	1	1.5	0.113	0.013	0.015	0.730	0.014	2.440	2.469	0.715	3.184
81 09 21 1232		.3	1	0.9	0.048	0.010	0.010	0.460	0.008	2.590	2.608	0.450	3.058
81 10 21 1338		.3	1	1.7	0.108	0.027	0.010	1.300	0.020	7.500	7.530	1.290	8.820
81 11 16 1252		.3	1	1.2	0.023	0.008	0.005	0.520	0.009	4.240	4.254	0.515	4.769
81 12 03 1310		.3	1	1.0	0.045	0.016	0.080	0.670	0.020	5.630	5.730	0.590	6.320
	MAXIMUM			**2.3**	**0.156**	**0.027**	**0.095**	**1.300**	**0.065**	**7.500**	**7.530**	**1.290**	**8.820**
	ARITH MEAN			**1.3**	**0.072**	**0.013**	**0.033**	**0.697**	**0.021**	**3.903**	**3.957**	**0.664**	**4.621**
	GEOM MEAN			**1.0**	**0.060**	**0.011**	**0.022**	**0.661**	**0.018**	**3.573**	**3.632**	**0.621**	**4.321**
	MINIMUM			**0.1**	**0.023**	**0.005**	**0.005**	**0.410**	**0.008**	**1.970**	**2.010**	**0.315**	**2.775**
	STD DEV (GEOM *)			**0.6**	**0.043**	**0.007**	**0.031**	**0.253**	**0.018**	**1.758**	**1.755**	**0.263**	**1.882**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH
81 01 19 1318		.3	1	354.8	8.3	346.5	590.0	3.90	21.000		8.02
81 03 16 1300		.3	1	403.7	10.0	393.7	580.0	4.70	20.500		8.18
81 04 21 1230		.3	1	419.2	23.1	396.1	570.0	10.00	22.000		8.25
81 05 21 1130		.3	1	385.5	19.2	366.3	565.0	7.80	21.500		8.22
81 06 16 1131		.3	1	458.0	80.6	377.4	850.0	35.00	21.000		8.13
81 07 27 1111		.3	1	349.8	31.2	318.6	500.0	22.00	25.000		8.11
81 08 18 1104		.3	1	431.4	49.8	381.6	560.0	24.00	24.500		8.26
81 09 21 1232		.3	1	388.3	10.9	377.4	580.0	6.70	22.000	232.0	8.29
81 10 21 1338		.3	1	496.8	32.3	464.5	640.0	14.00	25.000	239.0	8.13
81 11 16 1252		.3	1	400.2	3.4	396.8	620.0	4.10	21.000	240.0	8.24
81 12 03 1310		.3	1	439.0	12.8	426.2	645.0	6.60	23.000	254.0	8.30
	MAXIMUM			**496.8**	**80.6**	**464.5**	**850.0**	**35.00**	**25.000**	**254.0**	**8.30**
	ARITH MEAN			**411.5**	**25.6**	**385.9**	**609.1**	**12.62**	**22.409**	**241.2**	**8.19**
	GEOM MEAN			**409.4**	**18.2**	**384.2**	**603.9**	**9.64**	**22.362**	**241.1**	**8.19**
	MINIMUM			**349.8**	**3.4**	**318.6**	**500.0**	**3.90**	**20.500**	**232.0**	**8.02**
	STD DEV (GEOM *)			**43.7**	**22.7**	**38.4**	**89.6**	**10.16**	**1.700**	**9.2**	**0.09**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**11**	**4**	**11**

B.O.W./ SITE: **BIG OTTER CREEK**
SAMPLE POINT: **AT HIGHWAY 19 SOUTHERN BRIDGE VIENNA**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG OTTER CREEK**

STATION ID: **16-0109-005-02**
STORET CODE: **02 003 1390**

LAT: LONG: U T M: **17 0516940.0 4724700.0 4** REGION: **01** DISTANCE: **7.081**

TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	PSAMF	FWTEMP	DO	BOD5
SAMP DTE HOUR YR MO DY LMT	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 19 1356	40515	4	250	690	20I	50I	4<	0.0	11.8	0.7
81 02 25 1230	41000	3	1000	6700	290	5700	4<	2.3	9.1	2.4
81 03 05 1155	41009	6			60I	1100		3.5	11.6	
81 03 16 1335	40548	6	70C	3400	50A	10<	4<	4.0	11.0	0.6
81 04 08 1247	41021	6			4	4		12.5	13.6	
81 04 21 1330	40565	6	508C	1640	40	548	4<	10.5	10.2	1.0
81 05 21 1230	40588	6	100I	11100	16	30I	4<	14.0	10.5	1.6
81 06 16 1200	40608	6	1700	24000	144	72	4<	22.2	8.5	1.3
81 07 27 1200	40628	6	710C	6500	172	140	4<	20.0	8.8	3.8
81 08 18 1127	40642	6	4600C	47000	332	160	4	16.5	9.6	1.8
81 09 21 1313	40667	6	2100	17100	290	220	4<	11.5	10.0	
81 10 21 1415	40687	6	8000C	64000	1220	1280	4<	11.0	10.4	2.1
81 11 16 1340	40707	6	1100	2400	70I	100	4<	3.5	10.9	1.2
81 12 03 1350	40727	6	2800	17000	208	296	28	4.0	11.0	0.8
MAXIMUM			**8000**	**64000**	**1220**	**5700**	**28**	**22.2**	**13.6**	**3.8**
ARITH MEAN			**1911**	**16794**	**208**	**746**	**16**	**10.4**	**10.5**	**1.6**
GEOM MEAN			**892**	**8209**	**89**	**184**	**11**	**8.2**	**10.4**	**1.4**
MINIMUM			**70**	**690**	**4**	**4**	**4**	**2.3**	**8.5**	**0.6**
STD DEV (GEOM *)			**4***	**4***	**4***	**6***	**4***	**6.6**	**1.3**	**0.9**
# SAMPLES (IN STATISTICS)			**12**	**12**	**14**	**13**	**2**	**13**	**14**	**11**

TEST-NAME:	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 19 1356	0.033	0.008	0.055	0.390	0.010	2.700	2.765	0.335	3.100	343.1
81 02 25 1230	0.198	0.072	0.155	1.320	0.055	4.900	5.110	1.165	6.275	813.2
81 03 05 1155	0.140	0.025		0.820	0.030	4.000			4.850	
81 03 16 1335	0.075	0.013	0.050	0.560	0.021	3.680	3.751	0.510	4.261	435.1
81 04 08 1247	0.035	0.002		0.500	0.019	2.680			3.199	
81 04 21 1330	0.116	0.015	0.010	0.960	0.021	4.700	4.731	0.950	5.681	456.7
81 05 21 1230	0.043	0.002	0.035	0.680	0.043	2.160	2.238	0.645	2.883	378.1
81 06 16 1200	0.120	0.013	0.005	0.700	0.035	2.020	2.060	0.695	2.755	427.2
81 07 27 1200	0.112	0.003	0.015	0.860	0.012	1.310	1.337	0.845	2.182	380.5
81 08 18 1127	0.160	0.023	0.010	0.820	0.013	2.190	2.213	0.810	3.023	442.6
81 10 21 1415	0.204	0.042	0.010	1.300	0.020	6.500	6.530	1.290	7.820	585.0
81 11 16 1340	0.034	0.011	0.010	0.490	0.009	3.390	3.409	0.480	3.889	394.5
81 12 03 1350	0.084	0.020	0.020	0.740	0.014	4.440	4.474	0.720	5.194	450.3
MAXIMUM	**0.204**	**0.072**	**0.155**	**1.320**	**0.055**	**6.500**	**6.530**	**1.290**	**7.820**	**813.2**
ARITH MEAN	**0.104**	**0.019**	**0.034**	**0.780**	**0.023**	**3.436**	**3.511**	**0.768**	**4.239**	**464.2**
GEOM MEAN	**0.086**	**0.012**	**0.020**	**0.734**	**0.020**	**3.150**	**3.184**	**0.717**	**3.968**	**460.9**
MINIMUM	**0.033**	**0.002**	**0.005**	**0.390**	**0.009**	**1.310**	**1.337**	**0.335**	**2.182**	**343.1**
STD DEV (GEOM *)	**0.060**	**0.019**	**0.044**	**0.287**	**0.014**	**1.453**	**1.576**	**0.288**	**1.648**	**131.6**
# SAMPLES (IN STATISTICS)	**13**	**13**	**11**	**13**	**13**	**13**	**11**	**11**	**13**	**11**

TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	PHNOL	ASUT	HGUT
SAMP DTE HOUR YR MO DY LMT	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG
81 01 19 1356	18.4	324.7	610.0	13.00	16.000	219.0	7.96		0.001<	0.060<
81 02 25 1230	345.5	248.000	382.0	150.00	14.000	123.0	7.92		0.001<	0.050
81 03 05 1155	131.10	355.40				216.0	7.98		0.001<	0.040<
81 03 16 1335	35.9	399.2	560.0	20.00	17.000	226.0	8.12		0.001<	0.005<
81 04 08 1247	17.30	338.30				216.0	8.25		0.001<	0.040<
81 04 21 1330	71.7	385.0	550.0	33.00	20.000	220.0	8.21	1.000<	0.001<	0.06 <
81 05 21 1230	17.6	360.5	545.0	7.80	17.500	242.0	8.31		0.001<	0.080<
81 06 16 1200	67.8	359.4	760.0	30.00	16.000	217.0	8.22		0.001	0.04 <
81 07 27 1200	67.3	313.2	480.0	35.00	17.500	195.0	8.34		0.001<	0.06 <
81 08 18 1127	81.6	361.0	540.0	46.00	19.000	225.0	8.35		0.001<	0.04 <
81 09 21 1313									0.001<	0.06 <
81 10 21 1415	158.3	426.7	595.0	43.00	22.000	222.0	8.11		0.001<	0.06 <
81 11 16 1340	10.4	384.1	600.0	9.70	17.000	240.0	8.27		0.001<	0.06 <
81 12 03 1350	46.7	403.6	595.0	23.00	21.000	239.0	8.28		0.001<	0.02 <
MAXIMUM	**345.5**	**426.7**	**760.0**	**150.00**	**22.000**	**242.0**	**8.35**		**0.001**	**0.060**
ARITH MEAN	**82.2**	**358.3**	**565.2**	**37.32**	**17.909**	**215.4**	**8.18**		**0.001**	**0.050**
GEOM MEAN	**51.6**	**355.3**	**558.1**	**26.57**	**17.767**	**212.8**	**8.18**			
MINIMUM	**10.4**	**248.000**	**382.0**	**7.80**	**14.000**	**123.0**	**7.92**		**0.001**	**0.050**
STD DEV (GEOM *)	**90.8**	**46.1**	**92.2**	**39.51**	**2.375**	**30.4**	**0.15**			
# SAMPLES (IN STATISTICS)	**13**	**13**	**11**	**11**	**11**	**13**	**13**		**1**	**1**

TEST-NAME:	CRUT	CUUT	PBUT	CDUT	ZNUT	NIUT	P1PCBT
SAMP DTE HOUR YR MO DY LMT	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L
81 01 19 1356	0.001<	0.003	0.003<	0.0002<	0.004		20<W
81 02 25 1230	0.010	0.010	0.008	0.0002<	0.061		20<W
81 03 05 1155	0.024	0.009	0.007	0.0004	0.058		20<W
81 03 16 1335	0.007	0.014	0.003<	0.0004	0.028		
81 04 08 1247	0.006	0.003	0.003	0.0003	0.008		20<W
81 04 21 1330	0.002<	0.001<	0.003<	0.0002<	0.010		20<W
81 05 21 1230	0.003	0.002	0.008	0.0002<	0.003		20<W
81 06 16 1200	0.006	0.012	0.007	0.0001	0.013		20<W
81 07 27 1200	0.003	0.008	0.003<	0.001 <	0.004		20<W
81 08 18 1127	0.007	0.010	0.003<	0.001 <	0.015		20<W
81 09 21 1313	0.005	0.011	0.003<	0.0001<	0.016	0.003	20<W
81 10 21 1415	0.007	0.020	0.025	0.0007	0.024		20<W
81 11 16 1340	0.004	0.010	0.005	0.0001<	0.005	0.003	20<W
81 12 03 1350	0.004	0.008	0.003<	0.0001<	0.010	0.004	20<W

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	P1PCBT PCB TOTAL NG/L
MAXIMUM				0.024	0.020	0.025	0.0007	0.061	0.004	
ARITH MEAN				0.007	0.009	0.009	0.0004	0.018	0.003	
GEOM MEAN				0.006	0.008	0.007	0.0003	0.012	0.003	
MINIMUM				0.003	0.002	0.003	0.0001	0.003	0.003	
STD DEV (GEOM *)				0.006	0.005	0.007	0.0002	0.019	0.001	
# SAMPLES (IN STATISTICS)				12	13	7	5	14	3	

B.O.W./ SITE: **BIG OTTER CREEK**
SAMPLE POINT: **AT NORWICH RD.6 E.OF BASE LINE RD.**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC017**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG OTTER CREEK**

STATION ID: **16-0109-007-02**
STORET CODE: **02 003 1390**

LAT: LONG: U T M: **17 0537300.0 4756950.0 4** REGION: **01** DISTANCE: **78.373**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O
81 01 19 1130	.3	1		40513	6	0.294	100I	400	70I	10I	4<	1.0	11.8
81 02 16 1145	.3	1		40528	6	1.200	3300		204	500		2.0	11.9
81 03 16 1125	.3	1		40546	6	0.960	60A	690	36	10<	4<	2.0	12.3
81 04 21 1115	.3	1		40563	6	1.110	600>	2000	72	8	4<	8.5	9.8
81 05 21 1045	.3	1		40586	6	0.594	180	2800	108	52	4<	13.5	9.5
81 06 16 1047	.3	1		40606	6	0.407	1800	24000	256	292	4<	19.5	7.0
81 07 27 1034	.3	1		40626	6	0.097	600C	5000	156	516	4<	16.0	7.8
81 08 18 1027	.3	1		40640	6	0.346	3600C	29000	356	248	4<	14.5	8.7
81 09 21 1109	.3	1		40665	6	0.564	2500	9500	140	132	4<	10.8	8.8
81 10 21 1210	.3	1		40685	6	1.430	6000C	33000	1360	600>	20	9.0	8.5
81 11 16 1120	.3	1		40705	6	0.598	260	2500	50I	44	4<	5.5	10.8
81 12 03 1132	.3	1		40725	6	1.390	2100	4900	290	860	4<	3.5	11.0
MAXIMUM						1.430	6000	33000	1360	860	20	19.5	12.3
ARITH MEAN						0.749	1864	10345	258	266	20	8.8	9.8
GEOM MEAN						0.597	821	4824	152	116		6.3	9.7
MINIMUM						0.097	60	400	36	8	20	1.0	7.0
STD DEV (GEOM *)						0.462	5*	4*	3*	5*		6.2	1.7
# SAMPLES (IN STATISTICS)						12	11	11	12	10	1	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 19 1130	.3	1		1.1	0.022	0.005	0.040	0.430	0.016	2.700	2.756	0.390	3.146
81 02 16 1145	.3	1		1.7	0.090	0.051	0.160	1.080	0.036	4.700	4.896	0.920	5.816
81 03 16 1125	.3	1		0.3	0.036	0.007	0.010	0.600	0.013	3.940	3.963	0.590	4.553
81 04 21 1115	.3	1		1.3	0.051	0.005	0.010	0.910	0.022	3.400	3.432	0.900	4.332
81 05 21 1045	.3	1		1.5	0.070	0.015	0.045	0.780	0.019	2.230	2.294	0.735	3.029
81 06 16 1047	.3	1		1.3	0.105	0.039	0.100	0.880	0.079	1.550	1.729	0.780	2.509
81 07 27 1034	.3	1		1.2	0.060	0.022	0.020	0.480	0.017	1.940	1.977	0.460	2.437
81 08 18 1027	.3	1		1.7	0.095	0.018	0.035	0.930	0.029	2.370	2.434	0.895	3.329
81 09 21 1109	.3	1		1.0	0.043	0.011	0.010	0.570	0.012	2.990	3.012	0.560	3.572
81 10 21 1210	.3	1		2.3	0.105	0.037	0.005	1.260	0.026	5.900	5.931	1.255	7.186
81 11 16 1120	.3	1		1.4	0.025	0.011	0.005	0.670	0.012	3.840	3.857	0.665	4.522
81 12 03 1132	.3	1		0.4	0.045	0.019	0.025	0.680	0.019	5.330	5.374	0.655	6.029
MAXIMUM				2.3	0.105	0.051	0.160	1.260	0.079	5.900	5.931	1.255	7.186
ARITH MEAN				1.3	0.062	0.020	0.039	0.772	0.026	3.407	3.471	0.734	4.208
GEOM MEAN				1.1	0.056	0.015	0.022	0.736	0.021	3.156	3.232	0.700	3.975
MINIMUM				0.3	0.022	0.005	0.005	0.430	0.012	1.550	1.729	0.390	2.437
STD DEV (GEOM *)				0.5	0.030	0.015	0.047	0.249	0.018	1.375	1.367	0.237	1.499
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 01 19 1130	.3	1		352.4	5.3	347.1	590.0	2.40	15.500		8.03
81 02 16 1145	.3	1		386.4	8.7	377.7	600.0	3.50	40.000		7.63
81 03 16 1125	.3	1		399.2	4.3	394.9	570.0	3.00	19.000		8.02
81 04 21 1115	.3	1		399.9	7.1	392.8	580.0	2.80	23.500		8.11
81 05 21 1045	.3	1		398.2	18.5	379.7	570.0	5.30	19.000		8.08
81 06 16 1047	.3	1		396.6	19.2	377.4	540.0	6.30	16.000		7.92
81 07 27 1034	.3	1		332.0	7.1	324.9	525.0	2.50	4.000		8.01
81 08 18 1027	.3	1		392.6	17.1	375.5	560.0	8.30	19.500		8.05
81 09 21 1109	.3	1		401.5	3.8	397.7	605.0	2.20	19.500	241.0	8.10
81 10 21 1210	.3	1		493.8	18.0	475.8	650.0	8.00	25.000	241.0	7.94
81 11 16 1120	.3	1		399.0	1.6	397.4	620.0	2.40	17.500	247.0	8.13
81 12 03 1132	.3	1		454.9	5.2	449.7	645.0	3.60	24.500	259.0	8.13
MAXIMUM				493.8	19.2	475.8	650.0	8.30	40.000	259.0	8.13
ARITH MEAN				400.5	9.7	390.9	587.9	4.19	20.250	247.0	8.01
GEOM MEAN				398.6	7.8	389.0	586.8	3.74	18.258	246.9	8.01
MINIMUM				332.0	1.6	324.9	525.0	2.20	4.000	241.0	7.63
STD DEV (GEOM *)				41.5	6.6	40.2	38.5	2.23	8.300	8.5	0.14
# SAMPLES (IN STATISTICS)				12	12	12	12	12	12	4	12

B.O.W./ SITE: **BIG CREEK**
SAMPLE POINT: **NORFOLK COUNTY ROAD 42**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG CREEK**

STATION ID: **16-0124-003-02**
STORET CODE: **02 003 1090**

LAT: LONG: U T M: **17 0542150.0 4715600.0 4** REGION: **02** DISTANCE: **3.380**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 20 1110	.3	1		38314	4	740	3000	30I	50I	1.5	8.8	0.2	0.016
81 02 05 1225	.3	1		38357	4	2300	22000	40I	200	1.0	9.1	0.6	0.020
81 03 25 1325	.3	1		38439	5 9	40A	520	10<	10A	2.0	6.50	0.2<T	0.027
81 04 15 1140	.3	1		38469	6	100A	12000	140	240	10.0	10.70		0.062
81 05 19 1145	.3	1		38528	5 9	170A	3800	10A	10<	14.0	8.60	0.6	0.198
81 06 25 1235	.3	1		38586	5	1600A	15000>	190	350	21.5	8.30	0.4	0.120
81 07 30 1315	.3	1		38640	3					19.5	6.90	1.0	0.090
81 08 25 1355	.3	1		38666	5	1800	6000	20<	20<	19.0	10.80	1.6	0.036
81 09 29 1320	.3	1		38734	8	1600	16000	20A	100	12.2	7.40	0.4	0.082
81 10 27 1200	.3	1		38772	3	2600	8700	90A	270	5.5	10.40	1.0	0.055
81 11 16 1300	.3	1		38824	5	250	480	20A	10<	3.5	11.20	0.2<T	0.021
81 12 10 1135	.3	1		38868	5	40A	280	10<	30A	1.0	12.40	0.6	0.019
MAXIMUM						**2600**	**22000**	**190**	**350**	**21.5**	**12.40**	**1.6**	**0.198**
ARITH MEAN						**1022**	**7278**	**67**	**156**	**9.2**	**9.2**	**0.6<A**	**0.062**
GEOM MEAN						**446**	**3346**	**43**	**95**	**5.5**	**9.0**	**0.5<A**	**0.045**
MINIMUM						**40**	**280**	**10**	**10**	**1.0**	**6.50**	**0.2**	**0.016**
STD DEV (GEOM *)						**5***	**5***	**3***	**4***	**7.9**	**1.8**	**0.4<A**	**0.054**
# SAMPLES (IN STATISTICS)						**11**	**10**	**8**	**8**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 1110	.3	1		0.008	0.080	0.280	0.016	2.030		2.126	0.200	2.326	344.00
81 02 05 1225	.3	1		0.007	0.094	0.350	0.017	2.130		2.241	0.256	2.497	380.00
81 03 25 1325	.3	1		0.006	0.048	0.32	0.013	1.890	1.900	1.951	0.272	2.223	
81 04 15 1140	.3	1		0.013	0.020	0.36	0.053	1.550	1.600	1.623	0.340	1.963	
81 05 19 1145	.3	1		0.175	0.038	0.42	0.031	1.570	1.600	1.639	0.382	2.021	
81 06 25 1235	.3	1		0.029	0.004	0.65	0.001<T	3.350	3.350	3.355	0.646	4.001	
81 07 30 1315	.3	1		0.032	0.002	0.28	0.002	1.300	1.300	1.304	0.278	1.582	
81 08 25 1355	.3	1		0.026	0.006	0.30	0.001<T	1.450	1.450	1.457	0.294	1.751	
81 09 29 1320	.3	1		0.019	0.022	0.42	0.031	2.220	2.250	2.273	0.398	2.671	
81 10 27 1200	.3	1		0.013	0.024	0.58	0.012	3.040	3.050	3.076	0.556	3.632	
81 11 16 1300	.3	1		0.005	0.018	0.32	0.025	1.870	1.900	1.913	0.302	2.215	
81 12 10 1135	.3	1		0.006	0.006	0.33	0.037	2.410	2.450	2.453	0.324	2.777	
MAXIMUM				**0.175**	**0.094**	**0.65**	**0.053**	**3.350**	**3.350**	**3.355**	**0.646**	**4.001**	**380.00**
ARITH MEAN				**0.028**	**0.030**	**0.38**	**0.020<A**	**2.067**	**2.085**	**2.118**	**0.354**	**2.472**	**362.00**
GEOM MEAN				**0.015**	**0.017**	**0.37**	**0.011<A**	**1.988**	**1.991**	**2.039**	**0.336**	**2.385**	**361.55**
MINIMUM				**0.005**	**0.002**	**0.280**	**0.001**	**1.300**	**1.300**	**1.304**	**0.200**	**1.582**	**344.00**
STD DEV (GEOM *)				**0.047**	**0.030**	0.11	**0.016<A**	**0.625**	**0.687**	**0.621**	**0.129**	**0.722**	**25.46**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 20 1110	.3	1		5.00	339.00	520.0	3.40	14.000	63.000		7.81	7.7	1.000<
81 02 05 1225	.3	1		7.00	373.00	540.0	3.50	17.000	67.000		7.94	7.6	1.000<
81 03 25 1325	.3	1		12	315	520	4.70	13.50		189	8.16		1 <T
81 04 15 1140	.3	1		36	311	490	14.00	12.00		181	8.14	7.90	1 <T
81 05 19 1145	.3	1		11	329	520	6.00	13.50		191	8.27	8.00	1 <T
81 06 25 1235	.3	1		50	333	485	23.00	13.50		175	8.09	7.50	1 <T
81 07 30 1315	.3	1		25.3	286	440	3.10	11.50		164	8.20		1 <T
81 08 25 1355	.3	1		23.8	329	500	2.50	16.50		182	8.32	8.35	1 <T
81 09 29 1320	.3	1		16.3	320	550	2.80	16.00		209	8.12	8.20	1 <T
81 10 27 1200	.3	1		25.0	358	540	13.10	16.50		210	8.18	8.15	1 <T
81 11 16 1300	.3	1		5.2	378	540	1.60	15.00		197	8.42	8.00	1 <T
81 12 10 1135	.3	1		8.4	300	550	4.70	16.00		204	8.54	8.30	1 <T
MAXIMUM				**50**	**378**	**550**	**23.00**	**17.000**	**67.000**	**210**	**8.54**	**8.35**	**1**
ARITH MEAN				**18**	**330**	**516**	**6.87**	**14.58**	**65.000**	**190**	**8.18**	**7.9**	**1 <A**
GEOM MEAN				**14**	**329**	**515**	**4.98**	**14.47**	**64.969**	**190**	**8.18**	**7.9**	**1 <A**
MINIMUM				**5.00**	**286**	**440**	**1.60**	**11.50**	**63.000**	**164**	**7.81**	**7.50**	**1**
STD DEV (GEOM *)				**13**	**27**	**32**	**6.47**	**1.84**	**2.828**	**15**	**0.20**	**0.2**	**0 <A**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**2**	**10**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*FEUT*	*COLAP*	*COD*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 01 20 1110	.3	1		0.310	8.000	10<				0.069
81 02 05 1225	.3	1		0.380	18.000	12				0.086
81 03 25 1325	.3	1		0.55			0.002	0.003<	0.004	
81 04 15 1140	.3	1		1.36			0.002	0.003	0.004	
81 05 19 1145	.3	1		0.60			0.002	0.003<	0.001	
81 06 25 1235	.3	1		2.45			0.003	0.003<	0.003	
81 07 30 1315	.3	1		1.56			0.004	0.009	0.007	
81 08 25 1355	.3	1		1.12			0.008	0.005	0.007	
81 09 29 1320	.3	1		0.74			0.006	0.005	0.004	
81 10 27 1200	.3	1		1.00			0.003	0.003<	0.003	
81 11 16 1300	.3	1		0.37			0.008	0.004	0.004	
81 12 10 1135	.3	1		0.26			0.008	0.003<	0.003	
MAXIMUM				**2.45**	**18.000**	**12**	**0.008**	**0.009**	**0.007**	**0.086**
ARITH MEAN				**0.89**	**13.000**	**12**	**0.005**	**0.005**	**0.004**	**0.077**
GEOM MEAN				**0.70**	**12.000**		**0.004**	**0.005**	**0.004**	**0.077**
MINIMUM				**0.26**	**8.000**	**12**	**0.002**	**0.003**	**0.001**	**0.069**
STD DEV (GEOM *)				**0.65**	**7.071**		**0.003**	**0.002**	**0.002**	**0.012**
# SAMPLES (IN STATISTICS)				**12**	**2**	**1**	**10**	**5**	**10**	**2**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BIG CREEK**
SAMPLE POINT: **AT WILLIAM STREET DELHI**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **BIG CREEK**

STATION ID: **16-0124-009-02**
STORET CODE: **02 003 2870**

LAT: LONG: U T M: **17 0540150.0 4744100.0 4** REGION: **02** DISTANCE: **48.440**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 1030		.3	1	38313	6	2.370	14500C	23000	1450	550	1.0	12.6	0.4
81 02 05 1140		.3	1	38356	6	2.160	45000	240000	920	510	1.2	10.5	0.8
81 03 25 1240		.3	1	38438	6	3.880	3100	3700	480	230	3.0	7.00	0.2<T
81 04 15 1100		.3	1	38468	6	5.190	1100	17000	250	240	10.5	12.20	
81 05 19 1100		.3	1	38527	6	3.680	1400	22000	50A	20A	13.0	9.20	0.8
81 06 25 1145		.3	1	38585	6	3.990	2500	22000	210	420	20.0	8.90	1.2
81 07 30 1230		.3	1	38639	6	1.370					17.0	8.40	1.2
81 08 25 1315		.3	1	38665	6	1.530	2100	13000	120A	420	16.0	9.90	1.2
81 09 29 1240		.3	1	38733	8	3.140	2700	19000	150	170	11.0	8.60	0.4
81 10 27 1120		.3	1	38771	3	7.400	5200A	28000	320	720	5.5	10.80	0.8
81 11 16 1220		.3	1	38823	8	3.010	30A	260	10A	50A	4.0	11.80	0.2<T
81 12 10 1055		.3	1	38867	8	2.830	2200	4000	190	190	0.5	13.80	0.4
MAXIMUM						**7.400**	**45000**	**240000**	**1450**	**720**	**20.0**	**13.80**	**1.2**
ARITH MEAN						**3.379**	**7257**	**35633**	**377**	**320**	**8.8**	**10.3**	**0.7<A**
GEOM MEAN						**3.042**	**2399**	**12543**	**198**	**222**	**5.1**	**10.1**	**0.6<A**
MINIMUM						**1.370**	**30**	**260**	**10**	**20**	**0.5**	**7.00**	**0.2**
STD DEV (GEOM *)						**1.668**	**6***	**5***	**4***	**3***	**6.9**	**2.0**	**0.4<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**11**	**11**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 20 1030		.3	1	0.023	0.006	0.274	0.560	0.016	2.240		2.530	0.286	2.816
81 02 05 1140		.3	1	0.026	0.006	0.336	0.630	0.019	1.580		1.935	0.294	2.229
81 03 25 1240		.3	1	0.012	0.004	0.194	0.48	0.009	2.190	2.200	2.393	0.286	2.679
81 04 15 1100		.3	1	0.027	0.006	0.084	0.56	0.096	2.200	2.300	2.380	0.476	2.856
81 05 19 1100		.3	1	0.022	0.006	0.104	0.66	0.190	1.76	1.950	2.054	0.556	2.610
81 06 25 1145		.3	1	0.065	0.021	0.004	0.80	0.001	2.850	2.850	2.855	0.796	3.651
81 07 30 1230		.3	1	0.063	0.016	0.002	0.33	0.002	1.950	1.950	1.954	0.328	2.282
81 08 25 1315		.3	1	0.083	0.013	0.004	0.30	0.001<T	1.950	1.950	1.955	0.296	2.251
81 09 29 1240		.3	1	0.035	0.013	0.018	0.51	0.038	2.760	2.800	2.816	0.492	3.308
81 10 27 1120		.3	1	0.072	0.018	0.026	0.80	0.021	4.080	4.100	4.127	0.774	4.901
81 11 16 1220		.3	1	0.015	0.003	0.016	0.38	0.054	2.500	2.550	2.570	0.364	2.934
81 12 10 1055		.3	1	0.014	0.003	0.004	0.39	0.001<T	3.350	3.350	3.355	0.386	3.741
MAXIMUM				**0.083**	**0.021**	**0.336**	**0.80**	**0.190**	**4.080**	**4.100**	**4.127**	**0.796**	**4.901**
ARITH MEAN				**0.038**	**0.010**	**0.089**	**0.53**	**0.037<A**	**2.45**	**2.600**	**2.577**	**0.444**	**3.021**
GEOM MEAN				**0.031**	**0.008**	**0.027**	**0.50**	**0.011<A**	**2.36**	**2.524**	**2.510**	**0.415**	**2.941**
MINIMUM				**0.012**	**0.003**	**0.002**	**0.30**	**0.001**	**1.580**	**1.950**	**1.935**	**0.286**	**2.229**
STD DEV (GEOM *)				**0.025**	**0.006**	**0.117**	**0.16**	**0.056<A**	**0.71**	**0.702**	**0.662**	**0.182**	**0.778**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*
81 01 20 1030		.3	1	365.0	2.0	363.0	580.0	1.80	12.500		8.03	8.2	
81 02 05 1140		.3	1	420.0	8.0	412.0	600.0	1.70	14.000		8.05	7.8	
81 03 25 1240		.3	1		2	342	560	1.60	13.50	199	8.27		
81 04 15 1100		.3	1		10	355	540	3.20	14.00	195	8.25	8.00	
81 05 19 1100		.3	1		7	351	560	1.50	14.50	201	8.34	8.30	1<T
81 06 25 1145		.3	1		21	346	540	4.20	14.00	197	8.20	7.90	
81 07 30 1230		.3	1		7.5	360	500	1.43	12.50	190	8.33		
81 08 25 1315		.3	1		6.8	355	560	0.93	14.50	208	8.32	8.30	
81 09 29 1240		.3	1		2.4	358	600	0.72	16.00	198	8.24	8.30	
81 10 27 1120		.3	1		18.0	364	540	8.90	17.00	208	8.25	8.20	
81 11 16 1220		.3	1		1.2	409	570	2.40	15.50	222	8.36	8.25	
81 12 10 1055		.3	1		2.5	346	590	1.72	16.50	194	8.55	8.40	
MAXIMUM				**420.0**	**21**	**412.0**	**600.0**	**8.90**	**17.00**	**222**	**8.55**	**8.40**	**1**
ARITH MEAN				**392.5**	**7**	**363**	**561**	**2.51**	**14.54**	**201**	**8.27**	**8.1**	**1<A**
GEOM MEAN				**391.5**	**5**	**362**	**561**	**1.97**	**14.47**	**201**	**8.26**	**8.1**	
MINIMUM				**365.0**	**1.2**	**342**	**500**	**0.72**	**12.500**	**190**	**8.03**	**7.8**	**1**
STD DEV (GEOM *)				**38.9**	**6**	**23**	**29**	**2.23**	**1.45**	**9**	**0.14**	**0.2**	
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 03 25 1240		.3	1	0.001	0.003<	0.003
81 04 15 1100		.3	1	0.001<	0.003	0.002
81 06 25 1145		.3	1	0.003	0.003<	0.002
81 07 30 1230		.3	1	0.004	0.006	0.004
81 08 25 1315		.3	1	0.009	0.003	0.010
81 09 29 1240		.3	1	0.006	0.003<	0.004
81 10 27 1120		.3	1	0.005	0.006	0.005
81 11 16 1220		.3	1	0.010	0.006	0.006
81 12 10 1055		.3	1	0.008	0.005	0.007
MAXIMUM				**0.010**	**0.006**	**0.010**
ARITH MEAN				**0.006**	**0.005**	**0.005**
GEOM MEAN				**0.005**	**0.005**	**0.004**
MINIMUM				**0.001**	**0.003**	**0.002**
STD DEV (GEOM *)				**0.003**	**0.001**	**0.003**
# SAMPLES (IN STATISTICS)				**8**	**6**	**9**

B.O.W./ SITE: **DEDRICH CREEK**
SAMPLE POINT: **AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **DEDRICH CREEK**

STATION ID: **16-0126-001-02**
STORET CODE: **02 003 1080**

LAT: LONG: U T M: **17 0544225.0 4717790.0 4** REGION: **02** DISTANCE: **0.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 1125		.3	1	38315	4	0.326	500	4600	20I	20I	1.0	10.0	0.4
81 02 05 1240		.3	1	38358	4	0.640	280	4200	64	40	1.0	9.7	0.4
81 03 25 1335		.3	1	38440	5	0.809	120A	1080	10<	10<	4.0	9.50	0.2<T
81 04 15 1150		.3	1	38470	3	2.470	3500	30000>	380	770	9.8	12.00	
81 05 19 1150		.3	1	38529	5	0.799	200A	4800	10<	10A	12.5	9.40	0.6
81 06 25 1245		.3	1	38587	5	1.110	4700A	15000>	640	980	21.5	8.80	1.0
81 07 30 1325		.3	1	38641	3	0.678	5900	15000>	840	1660	19.0	7.30	1.0
81 08 25 1405		.3	1	38667	5	0.144	1100	18000	140A	180A	20.0	8.40	1.0
81 09 29 1335		.3	1	38735	8	0.572	2600	21000	120A	460	11.8	8.00	0.2<T
81 10 27 1210		.3	1	38773	3	1.300	4600A	120000	120	930	7.5	9.80	0.8
81 11 16 1310		.3	1	38825	5	0.576	180	380	10<	10<	4.0	12.10	0.2<T
81 12 10 1145		.3	1	38869	4	0.620	100<	400A	20A	30A	1.0	13.60	0.6
MAXIMUM						**2.470**	**5900**	**120000**	**840**	**1660**	**21.5**	**13.60**	**1.0**
ARITH MEAN						**0.837**	**2153**	**19384**	**260**	**508**	**9.4**	**9.8**	**0.6<A**
GEOM MEAN						**0.679**	**977**	**4454**	**130**	**172**	**5.8**	**9.7**	**0.5<A**
MINIMUM						**0.144**	**120**	**380**	**20**	**10**	**1.0**	**7.30**	**0.2**
STD DEV (GEOM *)						**0.599**	**4***	**7***	**4***	**7***	**7.6**	**1.8**	**0.3<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**9**	**9**	**10**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 20 1125		.3	1	0.019	0.008	0.074	0.310	0.013	1.140		1.227	0.236	1.463
81 02 05 1240		.3	1	0.019	0.013	0.064	0.380	0.015	1.430		1.509	0.316	1.825
81 03 25 1335		.3	1	0.022	0.002	0.020	0.30	0.005	1.300	1.300	1.325	0.280	1.605
81 04 15 1150		.3	1	0.096	0.018	0.018	0.60	0.054	1.650	1.700	1.722	0.582	2.304
81 05 19 1150		.3	1	0.126	0.090	0.026	0.37	0.014	0.900	0.915	0.940	0.344	1.284
81 06 25 1245		.3	1	0.148	0.031	0.006	0.70	0.001	2.500	2.500	2.507	0.694	3.201
81 07 30 1325		.3	1	0.115	0.032	0.002	0.40	0.002	1.000	1.000	1.004	0.398	1.402
81 08 25 1405		.3	1	0.009		0.004	0.14	0.001<T	0.665	0.665	0.670	0.136	0.806
81 09 29 1335		.3	1	0.082	0.018	0.006	0.38	0.040	1.660	1.700	1.706	0.374	2.080
81 10 27 1210		.3	1	0.058	0.023	0.034	0.52	0.011	1.490	1.500	1.535	0.486	2.021
81 11 16 1310		.3	1	0.016	0.002	0.006	0.30	0.004	1.200	1.200	1.210	0.294	1.504
81 12 10 1145		.3	1	0.017	0.005	0.008	0.33	0.015	1.740	1.750	1.763	0.322	2.085
MAXIMUM				**0.148**	**0.090**	**0.074**	**0.70**	**0.054**	**2.500**	**2.500**	**2.507**	**0.694**	**3.201**
ARITH MEAN				**0.061**	**0.022**	**0.022**	**0.39**	**0.015<A**	**1.390**	**1.423**	**1.426**	**0.372**	**1.798**
GEOM MEAN				**0.040**	**0.013**	**0.013**	**0.36**	**0.008<A**	**1.316**	**1.335**	**1.352**	**0.344**	**1.705**
MINIMUM				**0.009**	**0.002**	**0.002**	**0.14**	**0.001**	**0.665**	**0.665**	**0.670**	**0.136**	**0.806**
STD DEV (GEOM *)				**0.051**	**0.025**	**0.024**	**0.15**	**0.016<A**	**0.480**	**0.527**	**0.481**	**0.153**	**0.609**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*
81 01 20 1125		.3	1	274.0	7.0	267.0	450.0	6.30	11.000		7.82	7.6	
81 02 05 1240		.3	1	320.0	11.0	309.0	475.0	4.20	13.500		7.76	7.4	
81 03 25 1335		.3	1		8	258	430	5.20	11.50	168	8.20		0.001<
81 04 15 1150		.3	1		60	265	410	3.40	10.50	163	8.22	7.70	0.003
81 05 19 1150		.3	1		27	292	420	7.50	10.50	172	8.32	8.10	0.002
81 06 25 1245		.3	1		72	329	440	26.00	12.50	170	7.96	7.45	0.004
81 07 30 1325		.3	1		48.6	166	410	4.30	9.40	162	8.28		0.004
81 08 25 1405		.3	1		10.4	260	400	0.45	12.50	164	8.15	8.15	0.006
81 09 29 1335		.3	1		21.0	385	490	11.80	13.00	194	8.05	8.20	0.006
81 10 27 1210		.3	1		17.0	310	480	5.10	13.00	199	8.00	8.00	0.002
81 11 16 1310		.3	1		4.8	315	450	3.60	12.50	190	8.35	8.05	0.007
81 12 10 1145		.3	1		4.9	276	470	4.70	12.00	195	8.54	8.20	0.007
MAXIMUM				**320.0**	**72**	**385**	**490**	**26.00**	**13.500**	**199**	**8.54**	**8.20**	**0.007**
ARITH MEAN				**297.0**	**24**	**286**	**443**	**6.88**	**11.82**	**178**	**8.14**	**7.8**	**0.005**
GEOM MEAN				**296.1**	**16**	**281**	**442**	**4.87**	**11.76**	**177**	**8.13**	**7.8**	**0.004**
MINIMUM				**274.0**	**4.8**	**166**	**400**	**0.45**	**9.40**	**162**	**7.76**	**7.4**	**0.002**
STD DEV (GEOM *)				**32.5**	**23**	**52**	**30**	**6.60**	**1.24**	**15**	**0.23**	**0.3**	**0.002**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PBUT*	*ZNUT*
81 03 25 1335		.3	1	0.005	0.001
81 04 15 1150		.3	1	0.006	0.010
81 05 19 1150		.3	1	0.003<	0.001<
81 06 25 1245		.3	1	0.003<	0.008
81 07 30 1325		.3	1	0.010	0.008
81 08 25 1405		.3	1	0.004	0.007
81 09 29 1335		.3	1	0.006	0.006
81 10 27 1210		.3	1	0.003<	0.001<
81 11 16 1310		.3	1	0.004	0.003
81 12 10 1145		.3	1	0.006	0.004
MAXIMUM				**0.010**	**0.010**
ARITH MEAN				**0.006**	**0.006**
GEOM MEAN				**0.006**	**0.005**
MINIMUM				**0.004**	**0.001**
STD DEV (GEOM *)				**0.002**	**0.003**
# SAMPLES (IN STATISTICS)				**7**	**8**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **LYNN RIVER**
SAMPLE POINT: **AT DE COU ROAD SIMCOE UL-20**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **LYNN RIVER**

STATION ID: **16-0159-003-02**
STORET CODE: **02 003 0650**

LAT: LONG: U T M: **17 0558105.0 4741240.0 4** REGION: **02** DISTANCE: **11.426**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1200		.3	1	38316	6	440	2400	20I	10<	3.5	11.5	0.6	0.066
81 02 05 1050		.3	1	38359	6	320	860	4	12	3.0	11.0	0.5	0.107
81 03 25 1155		.3	1	38436	6	120A	6000>	20A	20A	8.0	11.20	1.2	0.026
81 04 15 1000		.3	1	38466	6	150	2700	10A	80A	9.5	12.50		0.040
81 05 19 0955		.3	1	38525	6	1000A	33000	250	80A	12.0	8.90	1.6	0.070
81 06 25 1105		.3	1	38583	5	150000>	150000>	1500>	1500>	21.0	8.80	2.4	0.258
81 07 30 1130		.3	1	38637	3	3200	15000>	1120	700	18.0	7.50	3.2	0.102
81 08 25 1245		.3	1	38663	5	10100A	25000	320	310	17.5	8.60	2.2	0.060
81 09 29 1155		.3	1	38731	8	15000	140000	80A	5900	12.0	7.60	1.8	0.130
81 10 27 1035		.3	1	38769	3	48000	240000	1080	1500>	7.0	10.00	6.2	0.472
81 11 16 1135		.3	1	38821	8	1800	3300	100	280	5.0	10.60	0.2<T	0.080
81 12 10 1010		.3	1	38865	8	1000<	2000A	140A	60A	1.0	12.80	1.4	0.028
	MAXIMUM					**48000**	**240000**	**1120**	**5900**	**21.0**	**12.80**	**6.2**	**0.472**
	ARITH MEAN					**8013**	**49918**	**286**	**827**	**9.8**	**10.0**	**1.9<A**	**0.120**
	GEOM MEAN					**1594**	**10022**	**85**	**147**	**7.4**	**9.9**	**1.4<A**	**0.083**
	MINIMUM					**120**	**860**	**4**	**12**	**1.0**	**7.50**	**0.2**	**0.026**
	STD DEV (GEOM *)					**8***	**8***	**6***	**7***	**6.5**	**1.8**	**1.7<A**	**0.127**
	# SAMPLES (IN STATISTICS)					**10**	**9**	**11**	**9**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1200		.3	1	0.019	0.144	0.550	0.051	3.000		3.195	0.406	3.601	421.0
81 02 05 1050		.3	1	0.073	0.354	0.850	0.025	1.400		1.779	0.496	2.275	450.0
81 03 25 1155		.3	1	0.013	0.058	0.38	0.012	2.140	2.150	2.210	0.322	2.532	
81 04 15 1000		.3	1	0.014	0.074	0.53	0.001	2.30	2.300	2.375	0.456	2.831	
81 05 19 0955		.3	1	0.019	0.008	0.56	0.074	3.130	3.200	3.212	0.552	3.764	
81 06 25 1105		.3	1	0.041	0.004	0.92	0.001	1.100	1.100	1.105	0.916	2.021	
81 07 30 1130		.3	1	0.025	0.004	0.45	0.001	2.600	2.600	2.605	0.446	3.051	
81 08 25 1245		.3	1	0.033	0.012	0.38	0.001<T	2.250	2.250	2.263	0.368	2.631	
81 09 29 1155		.3	1	0.050	0.030	0.88	0.008	1.940	1.950	1.978	0.850	2.828	
81 10 27 1035		.3	1	0.200	0.032	1.20	0.063	1.590	1.650	1.685	1.168	2.853	
81 11 16 1135		.3	1	0.026	0.018	0.53	0.090	2.710	2.800	2.818	0.512	3.330	
81 12 10 1010		.3	1	0.013	0.018	0.36	0.092	2.660	2.750	2.770	0.342	3.112	
	MAXIMUM			**0.200**	**0.354**	**1.20**	**0.092**	**3.130**	**3.200**	**3.212**	**1.168**	**3.764**	**450.0**
	ARITH MEAN			**0.044**	**0.063**	**0.63**	**0.035<A**	**2.23**	**2.275**	**2.333**	**0.569**	**2.902**	**436.5**
	GEOM MEAN			**0.030**	**0.026**	**0.58**	**0.011<A**	**2.14**	**2.189**	**2.243**	**0.524**	**2.860**	**435.3**
	MINIMUM			**0.013**	**0.004**	**0.36**	**0.001**	**1.100**	**1.100**	**1.105**	**0.322**	**2.021**	**421.0**
	STD DEV (GEOM *)			**0.052**	**0.100**	**0.26**	**0.037<A**	**0.63**	**0.611**	**0.632**	**0.266**	**0.511**	**20.5**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 20 1200		.3	1	21.0	400.0	660.0	2.40	42.000		8.03	8.0		
81 02 05 1050		.3	1	11.0	439.0	660.0	3.30	43.500		7.99	7.7		
81 03 25 1155		.3	1	7	354	580	2.30	30.00	192	8.17		1<T	0.33
81 04 15 1000		.3	1	40	352	570	3.40	32.50	184	8.15	7.90	1<T	0.46
81 05 19 0955		.3	1	26	359	570	6.50	26.00	188	8.14	8.00	1<T	0.81
81 06 25 1105		.3	1	114	241	370	39.00	21.00	121	7.91	7.20	1	3.85
81 07 30 1130		.3	1	21.1	381	560	0.80	34.50	184	7.71		1<T	0.60
81 08 25 1245		.3	1	14.3	401	660	0.68	45.50	211	8.17	8.10	1<T	0.50
81 09 29 1155		.3	1			670	0.67	35.00	226	8.02	8.15	1<T	0.33
81 10 27 1035		.3	1	119.0	333	520	36.00	27.00	193	7.82	8.05	6	2.50
81 11 16 1135		.3	1	9.0	406	580	2.90	30.50	98	8.12	8.10	2	0.48
81 12 10 1010		.3	1	4.7	384	620	3.50	40.50	202	8.70	8.15	1<T	0.23
	MAXIMUM			**119.0**	**439.0**	**670**	**39.00**	**45.50**	**226**	**8.70**	**8.15**	**6**	**3.85**
	ARITH MEAN			**35**	**368**	**585**	**8.45**	**34.00**	**180**	**8.08**	**7.9**	**2<A**	**1.01**
	GEOM MEAN			**20**	**364**	**578**	**3.36**	**33.18**	**175**	**8.07**	**7.9**	**1<A**	**0.66**
	MINIMUM			**4.7**	**241**	**370**	**0.67**	**21.00**	**98**	**7.71**	**7.20**	**1**	**0.23**
	STD DEV (GEOM *)			**41**	**51**	**83**	**13.68**	**7.64**	**40**	**0.24**	**0.2**	**2<A**	**1.20**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**10**	**12**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COD CHEM. OX DEMAND MG/L AS O	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 25 1155		.3	1	23	0.059	0.003	0.003	0.020
81 04 15 1000		.3	1	46	0.130	0.002	0.003<	0.020
81 05 19 0955		.3	1	23	0.120	0.003	0.003<	0.016
81 06 25 1105		.3	1	35	0.043	0.003	0.003<	0.004
81 07 30 1130		.3	1	14	0.250	0.005	0.014	0.023
81 08 25 1245		.3	1	20	0.160	0.007	0.005	0.018
81 09 29 1155		.3	1	28	0.160	0.005	0.005	0.015
81 10 27 1035		.3	1	10	3.300	0.008	0.061	0.056
81 11 16 1135		.3	1	2	0.170	0.010	0.012	0.021
81 12 10 1010		.3	1	2	0.098	0.008	0.005	0.015
	MAXIMUM			**46**	**3.300**	**0.010**	**0.061**	**0.056**
	ARITH MEAN			**20**	**0.449**	**0.005**	**0.015**	**0.021**
	GEOM MEAN			**14**	**0.164**	**0.005**	**0.009**	**0.018**
	MINIMUM			**2**	**0.043**	**0.002**	**0.003**	**0.004**
	STD DEV (GEOM *)			**14**	**1.003**	**0.003**	**0.021**	**0.013**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**7**	**10**

B.O.W./ SITE: **LYNN RIVER**
SAMPLE POINT: **AT VICTORIA STREET SIMCOE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC008**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **LYNN RIVER**

STATION ID: **16-0159-008-02**
STORET CODE: **02 003 0650**

LAT: LONG: U.T.M: **17 0557225.0 4742450.0 4** REGION: **02** DISTANCE: **13.357**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 1215		.3	1	38317	6	1.080	3300	16000	340	70I	2.5	11.5	0.6
81 02 05 1100		.3	1	38360	6	1.150	680C	7600	80I	190	1.8	10.4	1.3
81 03 25 1210		.3	1	38437	6	1.860	440	3200	10A	30A	4.0	7.10	
81 04 15 1020		.3	1	38467	6	2.390	3100	9000	240	290	9.0	12.40	
81 05 19 1005		.3	1	38526	6	1.540	2300	18000	160	950	10.5	8.00	
81 06 25 1115		.3	1	38584	6	2.320	70000A	310000	1500>	1500>	20.0	8.70	
81 07 30 1145		.3	1	38638	5	1.130					17.0	7.80	
81 08 25 1255		.3	1	38664	5	0.673	47000	60000	1220	3000>	17.0	9.00	
81 09 29 1210		.3	1	38732	8	2.800	29000	140000	540	15000>	11.0	8.10	
81 10 27 1045		.3	1	38770	3	2.280	8500A	54000	390	1500>	6.5	10.10	
81 11 16 1145		.3	1	38822	8	1.270	1100	2900	50A	100	4.5	10.60	
81 12 10 1020		.3	1	38866	8	1.230	1500	1900	300	90A	0.5	13.40	
MAXIMUM						**2.800**	**70000**	**310000**	**1220**	**950**	**20.0**	**13.40**	**1.3**
ARITH MEAN						**1.644**	**15175**	**56600**	**333**	**246**	**8.7**	**9.7**	**0.9**
GEOM MEAN						**1.518**	**4305**	**17556**	**182**	**139**	**5.8**	**9.5**	**0.9**
MINIMUM						**0.673**	**440**	**1900**	**10**	**30**	**0.5**	**7.10**	**0.6**
STD DEV (GEOM *)						**0.667**	**6***	**5***	**4***	**3***	**6.6**	**1.9**	**0.5**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**10**	**7**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 20 1215		.3	1	0.013	0.005	0.080	0.290	0.016	2.030		2.126	0.210	2.336
81 02 05 1100		.3	1	0.025	0.010	0.098	0.390	0.016	2.190		2.304	0.292	2.596
81 03 25 1210		.3	1	0.011	0.003	0.044	0.31	0.010	1.690	1.700	1.744	0.266	2.010
81 04 15 1020		.3	1	0.026	0.007	0.038	0.41	0.046	1.500	1.550	1.584	0.372	1.956
81 05 19 1005		.3	1	0.106	0.052	0.034	0.48	0.029	1.370	1.400	1.433	0.446	1.879
81 06 25 1115		.3	1	0.122	0.027	0.004	0.65	0.002	1.250	1.250	1.256	0.646	1.902
81 07 30 1145		.3	1	0.040	0.014	0.002	0.30	0.025	1.370	1.400	1.397	0.298	1.695
81 08 25 1255		.3	1	0.032	0.011	0.006	0.43	0.001<T	1.500	1.500	1.507	0.424	1.931
81 09 29 1210		.3	1	0.033	0.009	0.072	0.45	0.045	1.400	1.450	1.517	0.378	1.895
81 10 27 1045		.3	1	0.042	0.013	0.046	0.42	0.024	1.380	1.400	1.450	0.374	1.824
81 11 16 1145		.3	1	0.020	0.004	0.066	0.41	0.018	1.680	1.700	1.764	0.344	2.108
81 12 10 1020		.3	1	0.013	0.004	0.012	0.29	0.080	1.970	2.050	2.062	0.278	2.340
MAXIMUM				**0.122**	**0.052**	**0.098**	**0.65**	**0.080**	**2.190**	**2.050**	**2.304**	**0.646**	**2.596**
ARITH MEAN				**0.040**	**0.013**	**0.042**	**0.40**	**0.026<A**	**1.611**	**1.540**	**1.679**	**0.361**	**2.039**
GEOM MEAN				**0.030**	**0.009**	**0.025**	**0.39**	**0.016<A**	**1.586**	**1.526**	**1.651**	**0.346**	**2.025**
MINIMUM				**0.011**	**0.003**	**0.002**	**0.290**	**0.001**	**1.250**	**1.250**	**1.256**	**0.210**	**1.695**
STD DEV (GEOM *)				**0.036**	**0.014**	**0.032**	**0.10**	**0.022<A**	**0.304**	**0.227**	**0.328**	**0.113**	**0.260**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*FWPH*	*PHNOL*	*COD*
81 01 20 1215		.3	1	357.0	4.0	353.0	600.0	2.30	30.000	8.00	8.0		
81 02 05 1100		.3	1	405.0	7.0	398.0	600.0	2.90	23.500	7.95	7.5		
81 03 25 1210		.3	1		3	331	540	2.10	18.50	8.16		1<T	9.8
81 04 15 1020		.3	1		19	332	520	3.00	18.50	8.46	7.75	1<T	17
81 05 19 1005		.3	1		37	336	520	5.00	17.00	8.21	7.80	1<T	8
81 06 25 1115		.3	1		34	301	430	15.00	14.50	8.05	7.50	1<T	21
81 07 30 1145		.3	1		9.4	351	500	0.51	17.50	8.07		1<T	14
81 08 25 1255		.3	1		8.9		520	0.96	20.00	7.97	8.20	1<T	12
81 09 29 1210		.3	1		4.4	324	550	1.37	17.50	8.12	8.30	1<T	10
81 10 27 1045		.3	1		19.0	341	520	5.40	17.50	8.05	8.10	4	4
81 11 16 1145		.3	1		2.9	382	540	2.70	21.00	8.16	8.15	2	-2
81 12 10 1020		.3	1		5.9	332	580	2.40	22.50	8.30	8.20	1<T	1.92
MAXIMUM				**405.0**	**37**	**398.0**	**600.0**	**15.00**	**30.000**	**8.46**	**8.30**	**4**	**21**
ARITH MEAN				**381.0**	**12**	**343**	**535**	**3.64**	**19.83**	**8.12**	**7.9**	**1<A**	**10**
GEOM MEAN				**380.2**	**8**	**342**	**533**	**2.55**	**19.49**	**8.12**	**7.9**	**1<A**	**8**
MINIMUM				**357.0**	**2.9**	**301**	**430**	**0.51**	**14.50**	**7.95**	**7.5**	**1**	**1.92**
STD DEV (GEOM *)				**33.9**	**11**	**27**	**46**	**3.86**	**4.06**	**0.15**	**0.2**	**1<A**	**6**
# SAMPLES (IN STATISTICS)				**2**	**12**	**11**	**12**	**12**	**12**	**12**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*DOC*
81 03 25 1210		.3	1	2.7
81 04 15 1020		.3	1	3.9
81 05 19 1005		.3	1	3.4
81 06 25 1115		.3	1	4.3
81 07 30 1145		.3	1	3.6
81 08 25 1255		.3	1	1.9
81 09 29 1210		.3	1	3.0
81 10 27 1045		.3	1	4.0
81 11 16 1145		.3	1	3.0
81 12 10 1020		.3	1	2.7
MAXIMUM				**4.3**
ARITH MEAN				**3.2**
GEOM MEAN				**3.2**
MINIMUM				**1.9**
STD DEV (GEOM *)				**0.7**
# SAMPLES (IN STATISTICS)				**10**

B.O.W./ SITE: **LYNN RIVER**
SAMPLE POINT: **AT QUEEN STREET PORT DOVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **LYNN RIVER**

STATION ID: **16-0159-009-02**
STORET CODE: **02 003 0650**

LAT: LONG: U T M: **17 0564300.0 4738500.0 4** REGION: **02** DISTANCE: **2.897**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1235		.3	1	38318	4	240	4800	20I	10<	1.5	10.2	0.6	0.033
81 02 05 1320		.3	1	38361	4	20I	1160	4<	8	2.0	10.7	0.8	0.057
81 03 25 1410		.3	1	38441	6	40A	540	10<	10A	5.0	9.90	1.4	0.022
81 04 15 1225		.3	1	38471	6	120	2100	10<	10A	12.0	13.00		0.047
81 05 19 1225		.3	1	38530	6	900A	25000	10A	10<	13.0	10.00	1.0	0.151
81 06 25 1325		.3	1	38588	3	15000>	15000>	1500>	1500>	22.0	8.70	2.0	0.330
81 07 30 1410		.3	1	38642	6	1100	15000>	400	420	20.0	7.80	1.4	0.100
81 08 25 1435		.3	1	38668	6	1100	15000	80A	140	17.5	11.00	1.2	0.010
81 09 29 1405		.3	1	38736	8	2600	14000	100A	260	11.8	8.80	0.6	0.108
81 10 27 1240		.3	1	38774	8	2500A	33500	130	440	7.2	10.20	0.8	0.200
81 11 16 1345		.3	1	38826	8	90A	480	10<	30A	5.0	11.60	0.2<T	0.033
81 12 10 1245		.3	1	38870	8	100A	400A	20A	20A	0.5	14.20	0.8	0.033
	MAXIMUM					**2600**	**33500**	**400**	**440**	**22.0**	**14.20**	**2.0**	**0.330**
	ARITH MEAN					**801**	**9698**	**109**	**149**	**9.8**	**10.5**	**1.0<A**	**0.094**
	GEOM MEAN					**295**	**3411**	**56**	**53**	**6.3**	**10.3**	**0.9<A**	**0.060**
	MINIMUM					**20**	**400**	**10**	**8**	**0.5**	**7.80**	**0.2**	**0.010**
	STD DEV (GEOM *)					**5***	**6***	**4***	**5***	**7.4**	**1.8**	**0.5<A**	**0.094**
	# SAMPLES (IN STATISTICS)					**11**	**10**	**7**	**9**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1235		.3	1	0.013	0.274	0.600	0.095	3.100		3.469	0.326	3.795	414.00
81 02 05 1320		.3	1	0.030	0.166	0.520	0.044	2.760		2.970	0.354	3.324	436.00
81 03 25 1410		.3	1	0.001<W	0.006	0.40	0.015	1.940	1.950	1.961	0.394	2.355	
81 04 15 1225		.3	1	0.015	0.036	0.49	0.080	2.020	2.100	2.136	0.454	2.590	
81 05 19 1225		.3	1	0.025	0.036	0.42	0.028	2.450	2.450	2.514	0.384	2.898	
81 06 25 1325		.3	1	0.057	0.008	1.08	0.001<T	1.450	1.450	1.459	1.072	2.531	
81 07 30 1410		.3	1	0.030	0.002	0.32	0.001	2.250	2.250	2.253	0.318	2.571	
81 08 25 1435		.3	1	0.024	0.004	0.43	0.001<T				0.426		
81 09 29 1405		.3	1	0.058	0.002<T	0.45	0.084	2.070	2.150	2.156	0.448	2.604	
81 10 27 1240		.3	1	0.150	0.012	0.55	0.001<T	1.950	1.950	1.963	0.538	2.501	
81 11 16 1345		.3	1	0.015	0.036	0.37	0.045	2.350	2.400	2.431	0.334	2.765	
81 12 10 1245		.3	1	0.012	0.006	0.36	0.064	2.840	2.900	2.910	0.354	3.264	
	MAXIMUM			**0.150**	**0.274**	**1.08**	**0.095**	**3.100**	**2.900**	**3.469**	**1.072**	**3.795**	**436.00**
	ARITH MEAN			**0.036<A**	**0.049<A**	**0.49**	**0.038<A**	**2.289**	**2.178**	**2.384**	**0.462**	**2.836**	**425.00**
	GEOM MEAN			**0.021<A**	**0.015<A**	**0.47**	**0.013<A**	**2.243**	**2.143**	**2.324**	**0.423**	**2.807**	**424.86**
	MINIMUM			**0.001**	**0.002**	**0.32**	**0.001**	**1.450**	**1.450**	**1.459**	**0.318**	**2.355**	**414.00**
	STD DEV (GEOM *)			**0.040<A**	**0.084<A**	**0.20**	**0.036<A**	**0.477**	**0.402**	**0.562**	**0.218**	**0.444**	**15.56**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**11**	**9**	**11**	**11**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 20 1235		.3	1	7.00	407.00	660.0	3.80	46.000	73.000		8.05	8.1	1.000<
81 02 05 1320		.3	1	7.00	429.00	660.0	2.80	40.500	67.000		8.11	7.9	1.000<
81 03 25 1410		.3	1	4	323	540	2.50	26.00		177	8.32		1 <T
81 04 15 1225		.3	1	8	330	540	1.10	23.50		186	8.48	8.15	1 <T
81 05 19 1225		.3	1	10	365	560	3.50	23.00		187	8.52	8.50	1 <T
81 06 25 1325		.3	1	149	291	440	44.00	17.50		153	7.80	7.45	1 <T
81 07 30 1410		.3	1	10.3	344	550	1.12	29.00		183	8.08		1 <T
81 08 25 1435		.3	1	13.8	355	580	0.40	35.50		187	8.40	8.45	1 <T
81 09 29 1405		.3	1	4.8	362	650	1.07	34.50		216	8.19	8.30	1 <T
81 10 27 1240		.3	1	18.0	376	600	2.10	30.50		208	8.20	8.20	1 <T
81 11 16 1345		.3	1	2.8	389	570	2.10	26.00		203	8.48	8.35	1 <T
81 12 10 1245		.3	1	8.3	359	600	1.71	34.00		195	8.52	8.45	1 <T
	MAXIMUM			**149**	**429.00**	**660.0**	**44.00**	**46.000**	**73.000**	**216**	**8.52**	**8.50**	**1**
	ARITH MEAN			**20**	**360**	**579**	**5.52**	**30.50**	**70.000**	**189**	**8.28**	**8.1**	**1 <A**
	GEOM MEAN			**9**	**359**	**575**	**2.24**	**29.52**	**69.936**	**189**	**8.28**	**8.1**	**1 <A**
	MINIMUM			**2.8**	**291**	**440**	**0.40**	**17.50**	**67.000**	**153**	**7.80**	**7.45**	**1**
	STD DEV (GEOM *)			**40**	**37**	**62**	**12.16**	**8.03**	**4.243**	**18**	**0.23**	**0.3**	**0 <A**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**2**	**10**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 20 1235		.3	1	0.370	9.000	33				0.051
81 02 05 1320		.3	1	0.440	20.000	16				0.055
81 03 25 1410		.3	1	0.20			0.002	0.004	0.009	
81 04 15 1225		.3	1	0.40			0.001<	0.003<	0.007	
81 05 19 1225		.3	1	0.41			0.002	0.003<	0.004	
81 06 25 1325		.3	1	5.00			0.007	0.020	0.040	
81 07 30 1410		.3	1	0.30			0.004	0.009	0.006	
81 08 25 1435		.3	1	0.14			0.220	0.003<	0.013	
81 09 29 1405		.3	1	0.15			0.005	0.003	0.006	
81 10 27 1240		.3	1	0.58			0.003	0.003<	0.006	
81 11 16 1345		.3	1	0.18			0.008	0.005	0.008	
81 12 10 1245		.3	1	0.23			0.008	0.006	0.010	~
	MAXIMUM			**5.00**	**20.000**	**33**	**0.220**	**0.020**	**0.040**	**0.055**
	ARITH MEAN			**0.70**	**14.500**	**24**	**0.029**	**0.008**	**0.011**	**0.053**
	GEOM MEAN			**0.35**	**13.416**	**23**	**0.007**	**0.006**	**0.009**	**0.053**
	MINIMUM			**0.14**	**9.000**	**16**	**0.002**	**0.003**	**0.004**	**0.051**
	STD DEV (GEOM *)			**1.36**	**7.778**	**12**	**0.072**	**0.006**	**0.011**	**0.003**
	# SAMPLES (IN STATISTICS)			**12**	**2**	**2**	**9**	**6**	**10**	**2**

B.O.W./ SITE: **CENTRE CREEK**
SAMPLE POINT: **AT FIRST ROAD UPSTREAM FROM LAKE ERIE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **CENTRE CREEK**

STATION ID: **16-0163-001-02**
STORET CODE: **02 003 0596**

LAT: LONG: U T M: **17 0573200.0 4737650.0 4** REGION: **02** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1405	.3	1	38319	6	20<	20	10<	10<	6.0	10.5	1.2	0.026
81 02 05 1425	.3	1	38362	6	10<	10<	4<	52	2.0	10.8	0.5	0.020
81 03 25 1430	.3	1	38442	6					8.0	11.20		
81 04 15 1225	.3	1	38472	6					12.2	11.70		
81 05 19 1325	.3	1	38531	6	30A	21000	10A	10A	14.0	8.80		
81 06 25 1420	.3	1	38589	6					22.0	9.40		
81 07 30 1425	.3	1	38643	6	290	1500>	40A	100	23.0	7.40		
81 08 25 1500	.3	1	38669	6					21.5	9.90		
81 09 29 1430	.3	1	38737	8					15.0	7.50		
81 10 27 1305	.3	1	38775	3 9					8.0	9.60		
81 11 16 1405	.3	1	38827	8					8.5	9.50		
81 12 10 1305	.3	1	38871	8					4.0	11.20		
MAXIMUM					**290**	**21000**	**40**	**100**	**23.0**	**11.70**	**1.2**	**0.026**
ARITH MEAN					**160**	**10510**	**25**	**54**	**12.0**	**9.7**	**0.8**	**0.023**
GEOM MEAN					**93**	**648**	**20**	**37**	**9.7**	**9.7**	**0.8**	**0.023**
MINIMUM					**30**	**20**	**10**	**10**	**2.0**	**7.40**	**0.5**	**0.020**
STD DEV (GEOM *)					**5***	**137***	**3***	**3***	**7.2**	**1.3**	**0.5**	**0.004**
# SAMPLES (IN STATISTICS)					**2**	**2**	**2**	**3**	**12**	**12**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L
81 01 20 1405	.3	1		0.015	0.012	0.270	0.002	0.548	0.562	0.258	0.820	372.00	11.00
81 02 05 1425	.3	1		0.008	0.008	0.200	0.001	0.679	0.688	0.192	0.880	409.00	11.00
81 03 25 1430	.3	1			0.008								5
81 04 15 1225	.3	1			0.130								29
81 05 19 1325	.3	1			0.028								7
81 06 25 1420	.3	1			0.058								13
81 07 30 1425	.3	1			0.050								15.9
81 08 25 1500	.3	1			0.004								5.6
81 09 29 1430	.3	1			0.042								
81 10 27 1305	.3	1			0.124								431.0
81 11 16 1405	.3	1			0.026								30.6
81 12 10 1305	.3	1			0.032								26.4
MAXIMUM				**0.015**	**0.130**	**0.270**	**0.002**	**0.679**	**0.688**	**0.258**	**0.880**	**409.00**	**431.0**
ARITH MEAN				**0.011**	**0.043**	**0.235**	**0.001**	**0.613**	**0.625**	**0.225**	**0.850**	**390.50**	**53**
GEOM MEAN				**0.011**	**0.027**	**0.232**	**0.001**	**0.610**	**0.622**	**0.223**	**0.849**	**390.06**	**17**
MINIMUM				**0.008**	**0.004**	**0.200**	**0.001**	**0.548**	**0.562**	**0.192**	**0.820**	**372.00**	**5**
STD DEV (GEOM *)				**0.005**	**0.043**	**0.049**	**0.001**	**0.093**	**0.089**	**0.047**	**0.042**	**26.16**	**125**
# SAMPLES (IN STATISTICS)				**2**	**12**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 20 1405	.3	1		361.00	640.0	9.80	83.000	63.000		8.04	8.2	1.000<	0.580
81 02 05 1425	.3	1		398.00	680.0	8.50	92.000	88.000		8.03	7.9	1.000<	0.460
81 03 25 1430	.3	1		423	700		91.00	126.0	87	8.01		1 <T	0.18
81 04 15 1225	.3	1		357	600		86.00	73.0	90	7.78	8.30	1 <T	2.70
81 05 19 1325	.3	1		427	700		94.00	97.0	91	8.18	8.20		0.15
81 06 25 1420	.3	1		536	940		176	104.0	106	8.26	7.95	1 <T	0.70
81 07 30 1425	.3	1		485	820		112.000	124.0	103	8.27		1 <T	0.60
81 08 25 1500	.3	1		254	390		37.00	49.5	97	8.88	8.95	1 <T	0.27
81 09 29 1430	.3	1			640		87.00	103.0	97	8.31	8.50	1 <T	0.46
81 10 27 1305	.3	1		365	430		31.00	82.0	108	8.38	8.75	1	17.00
81 11 16 1405	.3	1		328	560		66.00	83.0	97	8.46	8.50	1 <T	1.25
81 12 10 1305	.3	1		356	640		77.00	118.0	82	8.34	8.10	1 <T	0.70
MAXIMUM				**536**	**940**	**9.80**	**176**	**126.0**	**108**	**8.88**	**8.95**	**1**	**17.00**
ARITH MEAN				**390**	**645**	**9.15**	**86**	**92.5**	**96**	**8.24**	**8.3**	**1 <A**	**2.08**
GEOM MEAN				**383**	**628**	**9.13**	**78**	**89.4**	**95**	**8.24**	**8.3**	**1 <A**	**0.70**
MINIMUM				**254**	**390**	**8.50**	**31.00**	**49.5**	**82**	**7.78**	**7.9**	**1**	**0.15**
STD DEV (GEOM *)				**76**	**149**	**0.92**	**36**	**24.0**	**8**	**0.28**	**0.3**	**0 <A**	**4.74**
# SAMPLES (IN STATISTICS)				**11**	**12**	**2**	**12**	**12**	**10**	**12**	**10**	**9**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 20 1405	.3	1		2.000	10	0.001<	0.060<	0.420	0.003	0.008	0.009	0.001 >	0.040
81 02 05 1425	.3	1		10.000	24	0.001<	0.070<	0.410	0.006	0.007	0.003	0.0004	0.034
81 03 25 1430	.3	1		4.4		0.001<			0.003	0.003	0.007		0.021
81 04 15 1225	.3	1		26.9		0.001<			0.006	0.004	0.009		0.023
81 05 19 1325	.3	1		2.6		0.001<			0.002 <	0.003	0.003<		0.017
81 06 25 1420	.3	1		16.4		0.001<			0.0020<	0.005	0.003<		0.013
81 07 30 1425	.3	1		5.6		0.001<			0.0040	0.005	0.010		0.025
81 08 25 1500	.3	1		0.4		0.001<			0.0020	0.052	0.003<		0.007
81 09 29 1430	.3	1		8.5		0.001<			0.0040	0.005	0.005		0.019
81 10 27 1305	.3	1		88.6		0.001<			0.0160	0.013	0.006		0.084
81 11 16 1405	.3	1		12.0		0.001<			0.0050	0.010	0.011		0.140
81 12 10 1305	.3	1		2.1		0.001<			0.003	0.008	0.003<		0.038
MAXIMUM				**88.6**	**24**			**0.420**	**0.0160**	**0.052**	**0.011**	**0.0004**	**0.140**
ARITH MEAN				**14.9**	**17**			**0.415**	**0.005**	**0.010**	**0.007**	**0.0004**	**0.038**
GEOM MEAN				**6.3**	**15**			**0.415**	**0.004**	**0.007**	**0.007**		**0.028**
MINIMUM				**0.4**	**10**			**0.410**	**0.0020**	**0.003**	**0.003**	**0.0004**	**0.007**
STD DEV (GEOM *)				**24.3**	**10**			**0.007**	**0.004**	**0.013**	**0.003**		**0.038**
# SAMPLES (IN STATISTICS)				**12**	**2**			**2**	**10**	**12**	**8**	**1**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 20 1405		.3	1	0.024	0.004	0.0005<	
81 02 05 1425		.3	1	0.020	0.021	0.035	0.010
81 03 25 1430		.3	1		0.002 <		0.010
81 04 15 1225		.3	1		0.004		0.010<
81 05 19 1325		.3	1		0.002 <		0.010<
81 06 25 1420		.3	1		0.0030		0.010<
81 07 30 1425		.3	1		0.0050		0.010<
81 08 25 1500		.3	1		0.0030		0.010<
81 09 29 1430		.3	1		0.0030		0.010<
81 10 27 1305		.3	1		0.0140		0.005<
81 11 16 1405		.3	1		0.0030		0.005<T
81 12 10 1305		.3	1		0.009		0.005<T
MAXIMUM				**0.024**	**0.021**	**0.035**	**0.010**
ARITH MEAN				**0.022**	**0.006**	**0.035**	**0.007<A**
GEOM MEAN				**0.022**	**0.005**		**0.007<A**
MINIMUM				**0.020**	**0.0030**	**0.035**	**0.005**
STD DEV (GEOM *)				**0.003**	**0.006**		**0.003<A**
# SAMPLES (IN STATISTICS)				**2**	**10**	**1**	**4**

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT COUNTY ROAD NO 11 NANTICOKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC022**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-001-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0575500.0 4739950.0 4** REGION: **02** DISTANCE: **1.600**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 28 1445		.3	1	38328	4	0.250	2540C	38000	76	568	3.0	10.7	2.8
81 02 09 1305		.3	1	38376	4	0.400	760C	7600	20I	30I	2.0	9.2	0.6
81 03 25 1000		.3	1	38429	5	0.867	300	5400	10<	10A	6.5	11.80	1.2
81 04 30 1015		.3	1	38512	3	3.010	1400	28000	40A	110	12.5	12.00	1.8
81 05 25 1400		.3	1	38548	5	0.884	500A	46000	40A	40A	20.0	9.00	2.0
81 06 25 1435		.3	1	38590	5	1.950	11000	170000	1660	1980	25.5	7.40	2.2
81 07 30 1440		.3	1	38644	3	0.775					25.0	7.30	3.0
81 08 25 1510		.3	1	38670	5	0.260	1200A	53000	460	220	20.5	10.60	2.0
81 09 29 1450		.3	1	38738	8	0.781	1200	26000	40A	40A	12.0	9.70	2.2
81 10 15 1125		.3	1	38767	8	0.537	400A	20500	60A	30A	8.0	10.30	1.4
81 11 16 1415		.3	1	38819	8	0.724	130	1400	10<	10<	5.5	16.00	0.2<T
81 12 08 1100		.3	1	38863	8	1.110	1100	3300	20A	20A	2.5	12.00	0.6
MAXIMUM						**3.010**	**11000**	**170000**	**1660**	**1980**	**25.5**	**16.00**	**3.0**
ARITH MEAN						**0.962**	**1866**	**36291**	**268**	**306**	**11.9**	**10.5**	**1.7<A**
GEOM MEAN						**0.748**	**913**	**17411**	**78**	**78**	**8.6**	**10.2**	**1.3<A**
MINIMUM						**0.250**	**130**	**1400**	**20**	**10**	**2.0**	**7.30**	**0.2**
STD DEV (GEOM *)						**0.788**	**3***	**4***	**4***	**5***	**8.8**	**2.3**	**0.9<A**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**9**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 28 1445		.3	1	0.097	0.059	0.440	1.100	0.081	2.220		2.741	0.660	3.401
81 02 09 1305		.3	1	0.042	0.021	0.312	0.830	0.019	2.290		2.621	0.518	3.139
81 03 25 1000		.3	1	0.039	0.008	0.046	0.47	0.010	1.690	1.700	1.746	0.424	2.170
81 04 30 1015		.3	1	0.122	0.007	0.026	1.03	0.028	2.920	2.950	2.974	1.004	3.978
81 05 25 1400		.3	1	0.169	0.020	0.006	0.93	0.012	0.520	0.530	0.538	0.924	1.462
81 06 25 1435		.3	1	0.358	0.084	0.008	1.60	0.003	8.40	8.40	8.411	1.592	10.003
81 07 30 1440		.3	1	0.222	0.040	0.006	1.10	0.003	2.100	2.100	2.109	1.094	3.203
81 08 25 1510		.3	1	0.028		0.008	0.80	0.003	0.500	0.500	0.511	0.792	1.303
81 09 29 1450		.3	1	0.130	0.018	0.048	0.85	0.026	1.020	1.050	1.094	0.802	1.896
81 10 15 1125		.3	1	0.076	0.012	0.020	0.58	0.015	0.905	0.920	0.940	0.560	1.500
81 11 16 1415		.3	1	0.048	0.002	0.022	0.58	0.003	1.200	1.200	1.225	0.558	1.783
81 12 08 1100		.3	1	0.028	0.005	0.026	0.45	0.010	2.990	3.000	3.026	0.424	3.450
MAXIMUM				**0.358**	**0.084**	**0.440**	**1.60**	**0.081**	**8.40**	**8.40**	**8.411**	**1.592**	**10.003**
ARITH MEAN				**0.113**	**0.025**	**0.081**	**0.86**	**0.018**	**2.23**	**2.23**	**2.328**	**0.779**	**3.107**
GEOM MEAN				**0.082**	**0.015**	**0.028**	**0.80**	**0.010**	**1.64**	**1.55**	**1.725**	**0.721**	**2.607**
MINIMUM				**0.028**	**0.002**	**0.006**	**0.45**	**0.003**	**0.500**	**0.500**	**0.511**	**0.424**	**1.303**
STD DEV (GEOM *)				**0.098**	**0.026**	**0.141**	**0.32**	**0.022**	**2.12**	**2.34**	**2.126**	**0.339**	**2.358**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 28 1445		.3	1	499.00	10.00	489.00	700 0	3.50	47.500	85.000	204 0	7.96	
81 02 09 1305		.3	1	518.00	9.00	509.00	740.0	4.20	31.000	86.000	243.0	7.69	7.5
81 03 25 1000		.3	1		13	331	540	7.80	24.50	70.0	182	8.29	
81 04 30 1015		.3	1		56	385	580	36.00	23.50	65.0	184	8.23	8.30
81 05 25 1400		.3	1		85	357	540	11.00	23.50	66.0	188	8.42	8.35
81 06 25 1435		.3	1		194	401	600	88.00	30.50	75.0	179	8.09	8.00
81 07 30 1440		.3	1				600	12.20		73.0	139	7.84	
81 08 25 1510		.3	1		76.4	339	540	0.95	35.50	65.0	165	8.02	8.40
81 09 29 1450		.3	1		31.2	356	600	41.00	28.50	84.0	194	8.40	8.75
81 10 15 1125		.3	1		36.0	400	600	28.00	29.50	83.0	206	8.75	7.95
81 11 16 1415		.3	1		32.0	373	550	22.00	29.00	74.0	178	8.39	8.70
81 12 08 1100		.3	1		6.0	367	640	6.30	29.00	84.0	205	8.53	8.45
MAXIMUM				**518.00**	**194**	**509.00**	**740.0**	**88.00**	**47.500**	**86.000**	**243.0**	**8.75**	**8.75**
ARITH MEAN				**508.50**	**49**	**391**	**602**	**21.75**	**30.18**	**75.8**	**188**	**8.22**	**8.2**
GEOM MEAN				**508.41**	**30**	**388**	**599**	**11.81**	**29.59**	**75.4**	**187**	**8.21**	**8.2**
MINIMUM				**499.00**	**6.0**	**331**	**540**	**0.95**	**23.50**	**66.0**	**139**	**7.69**	**7.5**
STD DEV (GEOM *)				**13.44**	**54**	**57**	**63**	**24.71**	**6.75**	**8.2**	**25**	**0.31**	**0.3**
# SAMPLES (IN STATISTICS)				**2**	**11**	**11**	**12**	**12**	**11**	**12**	**12**	**12**	**9**

(CONTD)

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT COUNTY ROAD NO 11 NANTICOKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GC022**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-001-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0575500.0 4739950.0 4** REGION: **02** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 28 1445	.3	1	1	1.000<	0.500	16.000	16		0.001<	0.050<	0.390	0.001<	0.017
81 02 09 1305	.3	1	1	1.000<	0.330	20.000	16		0.001	0.040<	0.150	0.002	0.004
81 03 25 1000	.3	1	1	<T	0.60		29	3.6					0.002
81 04 30 1015	.3	1	1	<T	2.45		16	6.6					0.006
81 05 25 1400	.3	1	1	<T	1.35		28	5.4					0.006
81 06 25 1435	.3	1	1	<T	7.6		46	6.7					0.006
81 07 30 1440	.3	1	1	<T	4.20		54	5.9					0.005
81 08 25 1510	.3	1	1	<T	3.70		32	6.0					0.011
81 09 29 1450	.3	1	1	<T	1.74		26	5.9					0.011
81 10 15 1125	.3	1	1	<T	1.25		13	5.0					0.008
81 11 16 1415	.3	1	1	<T	0.76		13	5.3					0.005
81 12 08 1100	.3	1	1	<T	0.39		13	4.6					0.002
MAXIMUM			**1**		**7.6**	**20.000**	**54**	**6.7**	**0.001**		**0.390**	**0.002**	**0.017**
ARITH MEAN			**1**	**<A**	**2.0**	**18.000**	**25**	**5.5**	**0.001**		**0.270**	**0.002**	**0.007**
GEOM MEAN			**1**	**<A**	**1.3**	**17.889**	**22**	**5.4**			**0.242**		**0.006**
MINIMUM			**1**		**0.330**	**16.000**	**13**	**3.6**	**0.001**		**0.150**	**0.002**	**0.002**
STD DEV (GEOM *)			**0**	**<A**	**2.1**	**2.828**	**14**	**0.9**			**0.170**		**0.004**
# SAMPLES (IN STATISTICS)			**10**		**12**	**2**	**12**	**10**	**1**		**2**	**1**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 28 1445	.3	1	0.003<	0.0002<	0.005	0.060	0.003<	0.0005<	0.010<	
81 02 09 1305	.3	1	0.006	0.002	0.120	0.039	0.007	0.034	0.010<	
81 03 25 1000	.3	1	0.003<		0.004					
81 04 30 1015	.3	1	0.003<		0.100					
81 05 25 1400	.3	1	0.020		0.017					
81 06 25 1435	.3	1	0.003<		0.120					
81 07 30 1440	.3	1	0.003<		0.014					
81 08 25 1510	.3	1	0.003<		0.014					
81 09 29 1450	.3	1	0.003<		0.006					
81 10 15 1125	.3	1	0.003<		0.007					
81 11 16 1415	.3	1	0.005		0.006					
81 12 08 1100	.3	1	0.003<		0.001					
MAXIMUM			**0.020**	**0.002**	**0.120**	**0.060**	**0.007**	**0.034**		
ARITH MEAN			**0.010**	**0.002**	**0.034**	**0.049**	**0.007**	**0.034**		
GEOM MEAN			**0.008**		**0.013**	**0.048**				
MINIMUM			**0.005**	**0.002**	**0.001**	**0.039**	**0.007**	**0.034**		
STD DEV (GEOM *)			**0.008**		**0.048**	**0.015**				
# SAMPLES (IN STATISTICS)			**3**	**1**	**12**	**2**	**1**	**1**		

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 27 AND 32**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-002-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0570400.0 4747850.0 4** REGION: **02** DISTANCE: **17.863**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 09 1110	.3	1	38372	4	1640C	4800	28	132	1.0	10.2	0.7	0.043	
81 03 25 1040	.3	1	38432	5	320	1740	10<	20A	7.0	12.00		0.038	
81 04 30 1055	.3	1	38515	3	1140	6000>	50A	80A	11.5	11.00		0.070	
81 05 25 1115	.3	1	38551	5	720A	22000	90A	20A	19.5	6.70		0.111	
81 06 25 1000	.3	1	38579	3	8200A	15000>	1420	3000>	20.5	7.50		0.300	
81 07 30 1025	.3	1	38633	3	8100	15000>	3000>	2220	19.0	6.90		0.320	
81 08 25 1015	.3	1	38659	5	2200A	51000	620	180A	18.0	8.45		0.240	
81 09 29 1015	.3	1	38727	8	1200	17000	220	120A	11.0	7.60		0.140	
81 10 15 0950	.3	1	38763	8	600A	11900	70A	390	7.8	9.80		0.079	
81 11 16 1040	.3	1	38815	8	250	700	40A	20A	4.0	11.20		0.098	
81 12 08 0945	.3	1	38859	8	590A	3700	50A	30A	3.2	11.20		0.027	
MAXIMUM					**8200**	**51000**	**1420**	**2220**	**20.5**	**12.00**	**0.7**	**0.320**	
ARITH MEAN					**2269**	**14105**	**288**	**321**	**11.1**	**9.3**	**0.7**	**0.133**	
GEOM MEAN					**1189**	**6861**	**115**	**93**	**8.3**	**9.1**		**0.099**	
MINIMUM					**250**	**700**	**28**	**20**	**1.0**	**6.70**	**0.7**	**0.027**	
STD DEV (GEOM *)					**3***	**4***	**4***	**5***	**7.2**	**1.9**		**0.106**	
# SAMPLES (IN STATISTICS)					**11**	**8**	**9**	**10**	**11**	**11**	**1**	**11**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 02 09 1110		.3	1	0.018	0.410	0.920	0.021	2.180		2.611	0.510	3.121	469.0
81 03 25 1040		.3	1	0.015	0.028	0.51	0.016	2.030	2.050	2.074	0.482	2.556	
81 04 30 1055		.3	1	0.004	0.024	0.80	0.022	2.950	2.970	2.996	0.776	3.772	
81 05 25 1115		.3	1	0.033	0.004	0.76	0.001	0.810	0.810	0.815	0.756	1.571	
81 06 25 1000		.3	1	0.069	0.006	1.48	0.002	4.90	4.90	4.908	1.474	6.382	
81 07 30 1025		.3	1	0.087	0.004	1.15	0.003	4.900	4.900	4.907	1.146	6.053	
81 08 25 1015		.3	1	0.076	0.010	1.05	0.001	0.710	0.710	0.721	1.040	1.761	
81 09 29 1015		.3	1	0.037	0.028	0.75	0.006	1.390	1.400	1.424	0.722	2.146	
81 10 15 0950		.3	1	0.023	0.016	0.59	0.025	1.180	1.200	1.221	0.574	1.795	
81 11 16 1040		.3	1	0.051	0.038	0.62	0.011	1.690	1.700	1.739	0.582	2.321	
81 12 08 0945		.3	1	0.010	0.046	0.55	0.022	3.280	3.300	3.348	0.504	3.852	
MAXIMUM				**0.087**	**0.410**	**1.48**	**0.025**	**4.900**	**4.900**	**4.908**	**1.474**	**6.382**	**469.0**
ARITH MEAN				**0.038**	**0.056**	**0.83**	**0.012**	**2.36**	**2.39**	**2.433**	**0.779**	**3.212**	**469.0**
GEOM MEAN				**0.028**	**0.020**	**0.79**	**0.007**	**1.96**	**1.94**	**2.023**	**0.729**	**2.875**	
MINIMUM				**0.004**	**0.004**	**0.51**	**0.001**	**0.710**	**0.710**	**0.721**	**0.482**	**1.571**	**469.0**
STD DEV (GEOM *)				**0.028**	**0.118**	**0.29**	**0.010**	**1.48**	**1.58**	**1.486**	**0.317**	**1.674**	
# SAMPLES (IN STATISTICS)				11	11	11	11	11	10	11	11	11	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*FWPH*	*PHNOL*	*COD*	*DOC*
81 02 09 1110		.3	1	6.0	463.0	700.0	3.00	28.000	7.82	7.6			
81 03 25 1040		.3	1	10	343	580	5.10	23.00	8.19		1<T	12	3.6
81 04 30 1055		.3	1	20	267	590	8.60	23.00	8.18	8.00	1<T	16	5.7
81 05 25 1115		.3	1	40	363	560	17.00	24.00	8.16	7.80	1<T	32	5.2
81 06 25 1000		.3	1	159	418	580	53.00	27.00	7.91	7.70	1<T	45	6.5
81 07 30 1025		.3	1	111.0	349	520	1.72	28.50	7.95		1<T	14	5.6
81 08 25 1015		.3	1	94.7	349	540	3.80	36.00	7.70	8.30	1<T	38	5.8
81 09 29 1015		.3	1	32.5	366	600	9.50	27.50	8.13	8.40	1<T	28	5.0
81 10 15 0950		.3	1	29.0	393	590	2.20	29.00	8.39	8.10	1<T	12	4.8
81 11 16 1040		.3	1	12.4	414	620	7.30	29.50	8.37	8.40	1<T	19	5.0
81 12 08 0945		.3	1	5.2	362	650	4.50	27.00	8.25	8.30	1<T	11	4.4
MAXIMUM				**159**	**463.0**	**700.0**	**53.00**	**36.00**	**8.39**	**8.40**	**1**	**45**	**6.5**
ARITH MEAN				**47**	**371**	**593**	**10.52**	**27.50**	**8.10**	**8.0**	**1<A**	**23**	**5.2**
GEOM MEAN				**26**	**368**	**591**	**6.21**	**27.29**	**8.09**	**8.0**	**1<A**	**20**	**5.1**
MINIMUM				**5.2**	**267**	**520**	**1.72**	**23.00**	**7.70**	**7.6**	**1**	**11**	**3.6**
STD DEV (GEOM *)				**51**	**50**	**50**	**14.75**	**3.64**	**0.22**	**0.3**	**0<A**	**12**	**0.8**
# SAMPLES (IN STATISTICS)				11	11	11	11	11	11	9	10	10	10

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-003-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0559350.0 4754200.0 4** REGION: **02** DISTANCE: **39.267**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 28 1350		.3	1	38327	6	520	3200	84	356	5.0	10.5	0.6	0.175
81 02 09 1155		.3	1	38375	6	440	3000	4	4	3.0	10.2	0.7	0.028
81 03 25 1125		.3	1	38435	5	60A	220	10<	10<	8.0	12.40		0.022
81 04 30 1130		.3	1	38518	6	1040	2600	10<	50A	13.5	10.80		0.068
81 05 25 1240		.3	1	38554	5	1920A	9800	30A	50A	20.0	7.70		0.096
81 06 25 1035		.3	1	38582	5	15000>	15000>	1500>	640	22.0	8.10		0.142
81 07 30 1105		.3	1	38636	3	1800	15000>	3000>	400	21.0	7.20		0.182
81 08 25 1135		.3	1	38662	5	2300A	53000	180A	200	20.5	8.70		0.073
81 09 29 1115		.3	1	38730	8	3500	3900	20A	20<	12.8	7.20		0.047
81 10 15 1030		.3	1	38766	8	1800	14000	20A	140	9.0	10.00		0.033
81 11 16 1115		.3	1	38818	8	330	2500	30A	30A	4.5	12.00		0.024
81 12 08 1030		.3	1	38862	8	490	1100	40A	10<	3.0	11.20		0.015
MAXIMUM						**3500**	**53000**	**180**	**640**	**22.0**	**12.40**	**0.7**	**0.182**
ARITH MEAN						**1291**	**9332**	**51**	**208**	**11.9**	**9.6**	**0.6**	**0.075**
GEOM MEAN						**822**	**3657**	**31**	**97**	**9.4**	**9.5**	**0.6**	**0.055**
MINIMUM						**60**	**220**	**4**	**4**	**3.0**	**7.20**	**0.6**	**0.015**
STD DEV (GEOM *)						3*	4*	3*	5*	7.5	1.8	0.1	0.060
# SAMPLES (IN STATISTICS)						11	10	8	9	12	12	2	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 28 1350		.3	1	0.150	0.206	0.650	0.120	2.000		2.326	0.444	2.770	452.0
81 02 09 1155		.3	1	0.005	0.148	0.570	0.029	1.930		2.107	0.422	2.529	442.0
81 03 25 1125		.3	1	0.002	0.056	0.43	0.010	1.390	1.400	1.456	0.374	1.830	
81 04 30 1130		.3	1	0.001	0.054	0.70	0.014	0.900	0.915	0.968	0.646	1.614	
81 05 25 1240		.3	1			0.83							
81 06 25 1035		.3	1	0.027	0.008	1.10	0.001	4.000	4.000	4.009	1.092	5.101	
81 07 30 1105		.3	1	0.059	0.006	1.00	0.001	1.350	1.350	1.357	0.994	2.351	
81 08 25 1135		.3	1	0.030	0.008	0.72	0.001	1.100	1.100	1.109	0.712	1.821	
81 09 29 1115		.3	1	0.011	0.086	0.63	0.045	0.785	0.830	0.916	0.544	1.460	
81 10 15 1030		.3	1	0.007	0.014	0.53	0.051	1.100	1.150	1.165	0.516	1.681	
81 11 16 1115		.3	1	0.007	0.110	0.57	0.025	1.120	1.150	1.256	0.460	1.715	
81 12 08 1030		.3	1	0.006	0.086	0.53	0.051	1.500	1.550	1.637	0.444	2.081	
MAXIMUM				**0.150**	**0.206**	**1.10**	**0.120**	**4.000**	**4.000**	**4.009**	**1.092**	**5.101**	**452.0**
ARITH MEAN				**0.028**	**0.071**	**0.68**	**0.032**	**1.561**	**1.494**	**1.664**	**0.604**	**2.268**	**447.0**
GEOM MEAN				**0.011**	**0.040**	**0.66**	**0.013**	**1.403**	**1.329**	**1.507**	**0.569**	**2.123**	**447.0**
MINIMUM				**0.001**	**0.006**	**0.43**	**0.001**	**0.785**	**0.830**	**0.916**	**0.374**	**1.460**	**442.0**
STD DEV (GEOM *)				**0.044**	**0.065**	**0.19**	**0.036**	**0.895**	**0.967**	**0.897**	**0.239**	**1.025**	**7.1**
# SAMPLES (IN STATISTICS)				11	11	12	11	11	9	11	11	11	2

(CONTD)

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-003-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0559350.0 4754200.0 4** REGION: **02** DISTANCE: **39.267**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 28 1350		.3	1	4.0	448.0	680.0	1.50	23.000	7.89				
81 02 09 1155		.3	1	6.0	436.0	640.0	1.90	21.000	7.89	7.8			
81 03 25 1125		.3	1	7	309	520	1.80	16.00	8.23		1<T	21	3.5
81 04 30 1130		.3	1	15	314	510	4.30	15.50	8.15	8.05	1<T	20	5.3
81 05 25 1240		.3	1	33	353	500	9.20	16.50	7.42	8.10	1<T	25	5.0
81 06 25 1035		.3	1	51	347	460	14.00	14.50	8.09	8.05	1<T	27	6.1
81 07 30 1105		.3	1	57.2	347	520	0.91	26.00	7.75		1<T	14	5.8
81 08 25 1135		.3	1	19.7	327	520	0.89	29.00	7.80	8.20	1<T	26	5.0
81 09 29 1115		.3	1	8.0	333	550	0.79	18.50	8.13	8.40	1<T	18	4.9
81 10 15 1030		.3	1	9.0	379	540	0.96	18.50	8.44	8.05	1<T	12	4.8
81 11 16 1115		.3	1	2.5	608	570	1.28	30.00	8.28	8.40	1<T	28	5.5
81 12 08 1030		.3	1	2.0	323	560	1.41	16.50	8.27	8.40	1<T	2	4.6
MAXIMUM				**57.2**	**608**	**680.0**	**14.00**	**30.00**	**8.44**	**8.40**	**1**	**28**	**6.1**
ARITH MEAN				**17**	**377**	**547**	**3.24**	**20.41**	**8.03**	**8.1**	**1<A**	**19**	**5.0**
GEOM MEAN				**10**	**369**	**544**	**1.96**	**19.81**	**8.02**	**8.1**	**1<A**	**16**	**5.0**
MINIMUM				**2.0**	**309**	**460**	**0.79**	**14.50**	**7.42**	**7.8**	**1**	**2**	**3.5**
STD DEV (GEOM *)				**19**	**85**	**60**	**4.14**	**5.39**	**0.29**	**0.2**	**0<A**	**8**	**0.7**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**9**	**10**	**10**	**10**

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT HIGHWAY NO 6 SOUTH WEST OF JARVIS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-004-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0571450.0 4745850.0 4** REGION: **02** DISTANCE: **15.610**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1225		.3	1	38323	4	2780C	46000	860	1500>	1.5	10.4	3.0	0.315
81 02 09 1100		.3	1	38371	4	920	3400	20I	140I	1.0	10.3	0.6	0.074
81 03 25 1020		.3	1	38430	5	160A	1800	10<	20A	6.5	11.20		0.036
81 04 30 1040		.3	1	38513	3	500	6000>	40A	30A	11.50	10.40		0.078
81 05 25 1100		.3	1	38549	5	620A	24000	130	50A	19.0	6.40		0.120
81 06 25 0950		.3	1	38578	3	7600A	15000>	2000	2680	19.5	6.90		0.358
81 07 30 1015		.3	1	38632	5	10200	15000>	3000>	1920	18.0	6.70		0.318
81 08 25 1010		.3	1	38658	5	1500A	34000	100A	420	18.0	7.00		0.265
81 09 29 1000		.3	1	38726	8	1100	18000	240	220	11.0	7.30		0.165
81 10 15 0940		.3	1	38762	8	1000	16000	40A	100	8.0	9.40		0.132
81 11 16 1030		.3	1	38814	5	1000	16000	20A	50A	3.0	11.20		0.200
81 12 08 0935		.3	1	38858	5	2000	5900	30A	70A	3.0	11.00		0.035
MAXIMUM						**10200**	**46000**	**2000**	**2680**	**19.5**	**11.20**	**3.0**	**0.358**
ARITH MEAN						**2448**	**18344**	**348**	**518**	**10.0**	**9.0**	**1.8**	**0.175**
GEOM MEAN						**1336**	**12257**	**100**	**147**	**6.8**	**8.8**	**1.3**	**0.135**
MINIMUM						**160**	**1800**	**20**	**20**	**1.0**	**6.40**	**0.6**	**0.035**
STD DEV (GEOM *)						**3***	**3***	**5***	**5***	**7.2**	**1.9**	**1.7**	**0.115**
# SAMPLES (IN STATISTICS)						**12**	**9**	**10**	**11**	**12**	**12**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 28 1225		.3	1	0.315	0.550	1.650	0.094	2.360		3.004	1.100	4.104	411.0
81 02 09 1100		.3	1	0.036	0.400	0.850	0.022	2.180		2.602	0.450	3.052	460.0
81 03 25 1020		.3	1	0.009	0.056	0.49	0.014	1.990	2.000	2.060	0.434	2.494	
81 04 30 1040		.3	1	0.005	0.034	0.89	0.024	2.930	2.960	2.988	0.856	3.844	
81 05 25 1100		.3	1	0.036	0.006	0.73	0.002	0.765	0.765	0.773	0.724	1.497	
81 06 25 0950		.3	1	0.069	0.004	1.50	0.003	4.75	4.75	4.757	1.496	6.253	
81 07 30 1015		.3	1	0.087	0.006	1.15	0.003	3.600	3.600	3.609	1.144	4.753	
81 08 25 1010		.3	1	0.200	0.038	1.12	0.002	0.635	0.635	0.675	1.082	1.757	
81 09 29 1000		.3	1	0.039	0.020	0.80	0.016	1.480	1.500	1.516	0.780	2.296	
81 10 15 0940		.3	1	0.024	0.012	0.60	0.018	1.180	1.200	1.210	0.588	1.798	
81 11 16 1030		.3	1	0.033	0.046	0.60	0.011	1.740	1.750	1.797	0.554	2.351	
81 12 08 0935		.3	1	0.010	0.036	0.57	0.020	3.180	3.200	3.236	0.534	3.770	
MAXIMUM				**0.315**	**0.550**	**1.650**	**0.094**	**4.75**	**4.75**	**4.757**	**1.496**	**6.253**	**460.0**
ARITH MEAN				**0.072**	**0.101**	**0.91**	**0.019**	**2.23**	**2.23**	**2.352**	**0.812**	**3.164**	**435.5**
GEOM MEAN				**0.037**	**0.031**	**0.85**	**0.010**	**1.91**	**1.86**	**2.019**	**0.753**	**2.893**	**434.8**
MINIMUM				**0.005**	**0.004**	**0.49**	**0.002**	**0.635**	**0.635**	**0.675**	**0.434**	**1.497**	**411.0**
STD DEV (GEOM *)				**0.093**	**0.179**	**0.37**	**0.025**	**1.21**	**1.34**	**1.234**	**0.332**	**1.423**	**34.6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 28 1225		.3	1	13.0	398.0	620.0	6.90	34.500	7.79				
81 02 09 1100		.3	1	5.0	455.0	720.0	3.20	34.000	7.76	7.65			
81 03 25 1020		.3	1	10	333	560	4.80	23.50	8.15		1<T	35	3.6
81 04 30 1040		.3	1	22	372	600	10.00	25.50	8.18	8.00		37	5.7
81 05 25 1100		.3	1	42	373	540	18.00	23.50	8.12	7.80	1<T	23	5.3
81 06 25 0950		.3	1	115		600	34.00	41.00	7.89	7.50	1<T	41	6.5
81 07 30 1015		.3	1	125.0	336	510	1.74	28.50	7.96		1<T	10	5.5
81 08 25 1010		.3	1	99.2	306	560	1.70	36.00	7.87	8.10	1<T	34	6.0
81 09 29 1000		.3	1	46.8	373	600	21.00	28.00	8.08	8.40	1<T	28	5.0
81 10 15 0940		.3	1	36.0	407	600	5.10	29.50	8.26	8.00	1<T	15	4.8

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP	RSF	COND25	TURB	CLIDUR	PH	FWPH	PHNOL	COD	DOC
81 11 16 1030		.3	1	10.6	412	620	6.10	30.50	8.24	8.20	1<T	22	5.3
81 12 08 0935		.3	1	7.8	372	670	6.20	36.50	8.21	8.35	1<T	11.5	4.5
		MAXIMUM		125.0	466.0	720.0	34.00	41.00	8.26	8.40	1	41	6.5
		ARITH MEAN		44	376	600	9.89	30.91	8.04	8.00	1<A	25	5.2
		GEOM MEAN		26	374	597	6.67	30.46	8.04	7.99	1<A	23	5.2
		MINIMUM		5.0	306	510	1.70	23.50	7.76	7.50	1	10	3.6
		STD DEV (GEOM *)		44	41	56	9.70	5.53	0.18	0.31	0<A	11	0.8
		# SAMPLES (IN STATISTICS)		12	11	12	12	12	12	9	9	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 25 1020		.3	1	0.002	0.003<	0.004
		MAXIMUM		0.002		0.004
		ARITH MEAN		0.002		0.004
		GEOM MEAN				
		MINIMUM		0.002		0.004
		STD DEV (GEOM *)				
		# SAMPLES (IN STATISTICS)		1		1

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT REGIONAL ROAD NO 5 NANTICOKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-005-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0561400.0 4753375.0 4** REGION: **02** DISTANCE: **35.083**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1400		.3	1	38326	6	2220C	12000	212	600>	4.0	9.8	1.2	0.162
81 02 09 1145		.3	1	38374	4	1420	4000	10<	10I	1.8	10.2	1.1	0.045
81 03 25 1110		.3	1	38434	5	280	2800	10<	150	7.0	12.00	1.8	0.036
81 04 30 1120		.3	1	38517	3	940	5200	20A	20A	13.0	11.50	2.2	0.084
81 05 25 1230		.3	1	38553	5	1580A	18000	130	30A	19.0	7.80	3.0	0.200
81 06 25 1025		.3	1	38581	3	8700A	15000>	1500>	1500>	21.5	7.70	2.6	0.262
81 07 30 1055		.3	1	38635	3	7800A	50000	3000>	1040	19.5	7.40	5.2	0.362
81 08 25 1125		.3	1	38661	5	2600A	41000	640	780	19.5	9.35	4.8	0.318
81 09 29 1105		.3	1	38729	8	2700	12900	240	80A	11.2	7.80	2.2	0.140
81 10 15 1015		.3	1	38765	8	1200	15000	40A	110	8.4	10.20	2.0	0.110
81 11 16 1105		.3	1	38817	8	1200	2100	20A	70A	4.2	10.80	1.4	0.065
81 12 08 1020		.3	1	38861	8	610A	2400	10<	20A	3.5	10.80	1.0	0.035
		MAXIMUM				8700	50000	640	1040	21.5	12.00	5.2	0.362
		ARITH MEAN				2604	15036	186	231	11.0	9.6	2.4	0.152
		GEOM MEAN				1691	8821	95	79	8.5	9.4	2.1	0.114
		MINIMUM				280	2100	20	10	1.8	7.40	1.0	0.035
		STD DEV (GEOM *)				3*	3*	4*	5*	7.3	1.6	1.4	0.112
		# SAMPLES (IN STATISTICS)				12	11	7	10	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1400		.3	1	0.120	0.530	1.060	0.093	2.060		2.683	0.530	3.213	451.0
81 02 09 1145		.3	1	0.010	0.710	1.230	0.028	2.020		2.758	0.520	3.278	450.0
81 03 25 1110		.3	1	0.014	0.220	0.64	0.019	1.480	1.500	1.719	0.420	2.139	
81 04 30 1120		.3	1	0.004	0.092	0.87	0.022	1.180	1.200	1.294	0.778	2.072	
81 05 25 1230		.3	1	0.066	0.004	0.98	0.001	0.920	0.920	0.925	0.976	1.901	
81 06 25 1025		.3	1	0.068	0.006	1.38	0.001	1.05	1.05	1.057	1.374	2.431	
81 07 30 1055		.3	1	0.095	0.004	1.20	0.002	1.750	1.750	1.756	1.196	2.952	
81 08 25 1125		.3	1	0.088	0.006	1.08	0.001	1.300	1.300	1.307	1.074	2.381	
81 09 29 1105		.3	1	0.040	0.046	0.85	0.043	0.815	0.860	0.904	0.804	1.708	
81 10 15 1015		.3	1	0.035	0.020	0.75	0.055	1.140	1.200	1.215	0.730	1.945	
81 11 16 1105		.3	1	0.016	0.110	0.80	0.058	1.240	1.300	1.408	0.690	2.098	
81 12 08 1020		.3	1	0.012	0.054	0.76	0.175	1.670	1.850	1.899	0.706	2.605	
		MAXIMUM		0.120	0.710	1.38	0.175	2.060	1.850	2.758	1.374	3.278	451.0
		ARITH MEAN		0.047	0.150	0.96	0.041	1.38	1.29	1.577	0.816	2.394	450.5
		GEOM MEAN		0.031	0.041	0.94	0.014	1.33	1.25	1.478	0.771	2.344	450.5
		MINIMUM		0.004	0.004	0.64	0.001	0.815	0.860	0.904	0.420	1.708	450.0
		STD DEV (GEOM *)		0.039	0.231	0.22	0.051	0.41	0.32	0.620	0.288	0.521	0.7
		# SAMPLES (IN STATISTICS)		12	12	12	12	12	10	12	12	12	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 28 1400		.3	1	5.0	446.0	700.0	2.30	30.000		7.93			
81 02 09 1145		.3	1	6.0	444.0	680.0	2.80	28.500		7.82	7.7		
81 03 25 1110		.3	1	15	326	540	3.50	22.00	183	8.07		0.001	0.003<
81 04 30 1120		.3	1	23	328	540	6.30	21.00	190	8.12	8.10	0.005	0.003<
81 05 25 1230		.3	1	46	293	540	18.00	23.50	180	8.15	8.00		
81 06 25 1025		.3	1	109	348	490	10.00	20.50	158	8.00	7.70	0.004	0.003<
81 07 30 1055		.3	1	3.3	388	560	0.94	37.00	183	8.07		0.006	0.014
81 08 25 1125		.3	1	105.0	334	560	2.10	42.00	164	7.61	8.20	0.009	0.003<
81 09 29 1105		.3	1	22.9	340	590	6.90	28.00	189	8.09	8.30	0.009	0.005
81 10 15 1015		.3	1	22.0	394	590	4.10	29.50	198	8.40	8.05	0.007	0.006
81 11 16 1105		.3	1	12.2	409	600	4.90	29.00	213	8.15	8.20	0.004	0.004
81 12 08 1020		.3	1	7.1	355	600	2.50	24.00	213	8.19	8.30	0.002	0.003<
		MAXIMUM		109	446.0	700.0	18.00	42.00	213	8.40	8.30	0.009	0.014
		ARITH MEAN		31	367	582	5.36	27.91	187	8.05	8.0	0.005	0.007
		GEOM MEAN		17	364	579	4.01	27.28	186	8.05	8.0	0.004	0.006
		MINIMUM		3.3	293	490	0.94	20.50	158	7.61	7.7	0.001	0.004
		STD DEV (GEOM *)		37	48	59	4.71	6.48	18	0.20	0.2	0.003	0.005
		# SAMPLES (IN STATISTICS)		12	12	12	12	12	10	12	9	9	4

(CONTD)

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **AT REGIONAL ROAD NO 5 NANTICOKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-005-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0561400.0 4753375.0 4** REGION: **02** DISTANCE: **35.083**

TEST-NAME: *ZNUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 03 25 1110		.3	1	0.003
81 04 30 1120		.3	1	0.170
81 06 25 1025		.3	1	0.007
81 07 30 1055		.3	1	0.015
81 08 25 1125		.3	1	0.025
81 09 29 1105		.3	1	0.004
81 10 15 1015		.3	1	0.005
81 11 16 1105		.3	1	0.004
81 12 08 1020		.3	1	0.001<
MAXIMUM				**0.170**
ARITH MEAN				**0.029**
GEOM MEAN				**0.010**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.057**
# SAMPLES (IN STATISTICS)				**8**

B.O.W./ SITE: **NANTICOKE CREEK**
SAMPLE POINT: **LOT 23 CONC.11 FORMER TWP.OF TOWNSEND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **NANTICOKE CREEK**

STATION ID: **16-0164-006-02**
STORET CODE: **02 003 0550**

LAT: LONG: U T M: **17 0568500.0 4750525.0 4** REGION: **02** DISTANCE: **22.691**

TEST-NAME: *SAMPLE* *FWSTRC* *TCMF* *TCMFBK* *FCMF* *FSMF* *FWTEMP* *DO* *BOD5* *PPUT*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1415		.3	1	38325	4 6	1660C	48000>	1880	3000>	1.0	8.4	3.0	0.162
81 02 09 1125		.3	1	38373	4	1100	4400	20<	20I	1.5	10.7	0.8	0.033
81 03 25 1050		.3	1	38433	5	20<	640	10<	190	6.5	11.40		0.035
81 04 30 1105		.3	1	38516	3	980	5800	10A	70A	11.5	11.60		0.059
81 05 25 1210		.3	1	38552	5	1120A	26000	80A	90A	19.0	7.20		0.147
81 06 25 1010		.3	1	38580	3	4300A	15000>	1280	1820	20.5	8.00		0.258
81 07 30 1040		.3	1	38634	3	6400	15000>	3000>	1720	18.0	7.50		0.310
81 08 25 1030		.3	1	38660	5	800A	44000	200	80A	18.5	8.40		0.238
81 09 29 1050		.3	1	38728	8	1600	22000	260	200	11.0	8.10		0.135
81 10 15 1000		.3	1	38764	8	600A	18500	120	150	8.0	9.80		0.082
81 11 16 1055		.3	1	38816	8	140	270	30A	10A	4.0	11.40		0.052
81 12 08 1010		.3	1	38860	8	1000	4800	20A	70A	3.0	11.20		0.029
MAXIMUM						**6400**	**44000**	**1880**	**1820**	**20.5**	**11.60**	**3.0**	**0.310**
ARITH MEAN						**1791**	**14046**	**431**	**402**	**10.2**	**9.4**	**1.9**	**0.128**
GEOM MEAN						**1176**	**5985**	**125**	**126**	**7.1**	**9.3**	**1.5**	**0.095**
MINIMUM						**140**	**270**	**10**	**10**	**1.0**	**7.20**	**0.8**	**0.029**
STD DEV (GEOM *)						**3***	**6***	**6***	**5***	**7.3**	**1.7**	**1.6**	**0.097**
# SAMPLES (IN STATISTICS)						**11**	**9**	**9**	**11**	**12**	**12**	**2**	**12**

TEST-NAME: *PPO4FR* *NNHTFR* *NNTKUR* *NNO2FR* *NNO3FR* *NNOTFR* *NNTIFR* *NNKUR* *NNKI* *RST*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 28 1415		.3	1	0.086	0.490	1.580	0.150	2.350		2.990	1.090	4.080	413.0
81 02 09 1125		.3	1	0.019	0.440	0.680	0.036	2.200		2.676	0.240	2.916	465.0
81 03 25 1050		.3	1	0.015	0.090	0.50	0.016	2.080	2.100	2.186	0.410	2.596	
81 04 30 1105		.3	1	0.004	0.020	0.75	0.021	2.910	2.930	2.951	0.730	3.681	
81 05 25 1210		.3	1	0.038	0.004	0.83	0.001	0.860	0.860	0.865	0.826	1.691	
81 06 25 1010		.3	1	0.072	0.006	1.32	0.001	3.88	3.88	3.887	1.314	5.201	
81 07 30 1040		.3	1	0.097	0.004	1.10	0.001	4.600	4.600	4.605	1.096	5.701	
81 08 25 1030		.3	1	0.083	0.010	0.98	0.001	0.820	0.820	0.831	0.970	1.801	
81 09 29 1050		.3	1	0.040	0.028	0.75	0.017	1.390	1.400	1.435	0.722	2.157	
81 10 15 1000		.3	1	0.022	0.028	0.67	0.033	1.270	1.300	1.331	0.642	1.973	
81 11 16 1055		.3	1	0.012	0.048	0.62	0.026	1.820	1.850	1.894	0.572	2.466	
81 12 08 1010		.3	1	0.010	0.036	0.57	0.034	3.320	3.350	3.390	0.534	3.924	
MAXIMUM				**0.097**	**0.490**	**1.580**	**0.150**	**4.600**	**4.600**	**4.605**	**1.314**	**5.701**	**465.0**
ARITH MEAN				**0.041**	**0.100**	**0.86**	**0.028**	**2.29**	**2.30**	**2.420**	**0.762**	**3.182**	**439.0**
GEOM MEAN				**0.028**	**0.030**	**0.81**	**0.010**	**2.00**	**1.96**	**2.118**	**0.695**	**2.943**	**438.2**
MINIMUM				**0.004**	**0.004**	**0.50**	**0.001**	**0.820**	**0.820**	**0.831**	**0.240**	**1.691**	**413.0**
STD DEV (GEOM *)				**0.034**	**0.172**	**0.32**	**0.041**	**1.19**	**1.31**	**1.205**	**0.312**	**1.335**	**36.8**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

TEST-NAME: *RSP* *RSF* *COND25* *TURB* *CLIDUR* *PH* *FWPH* *PHNOL* *COD* *DOC*

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 28 1415		.3	1	13.0	400.0	600.0	6.50	29.500	7.86				
81 02 09 1125		.3	1	6.0	459.0	680.0	3.40	27.500	7.74	7.6			
81 03 25 1050		.3	1	9	337	560	3.90	22.50	8.23		1<T	209	3.6
81 04 30 1105		.3	1	14	342	600	5.80	23.00	8.33	8.20	1<T	26	5.5
81 05 25 1210		.3	1	32	328	550	16.00	24.00	8.01	7.85	1<T	28	5.3
81 06 25 1010		.3	1	118	403	540	17.00	25.50	8.06	7.80	1<T	24.7	6.3
81 07 30 1040		.3	1	80.7	400	570	1.28	31.50	7.92		1<T	14	6.2
81 08 25 1030		.3	1	60.6	318	540	2.90	38.00	7.68	8.15	1<T	32	5.7
81 09 29 1050		.3	1	27.5	376	600	11.60	27.50	8.06	8.40	1<T	34	5.1
81 10 15 1000		.3	1	21.0	403	600	2.40	30.00	8.49	8.05	1<T	13	5.0
81 11 16 1055		.3	1	10.4	423	620	5.40	29.50	8.22	8.20	1<T	24	5.0
81 12 08 1010		.3	1	4.3	381	660	3.80	27.50	8.29	8.40	1<T	4	4.4

(CONTD)

TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	PH	FWPH	PHNOL	COD	DOC
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
MAXIMUM	118	459.0	680.0	17.00	38.00	8.49	8.40	1	209	6.3
ARITH MEAN	33	380	593	6.66	28.00	8.07	8.0	1<A	40	5.2
GEOM MEAN	20	378	591	5.07	27.72	8.07	8.0	1<A	24	5.1
MINIMUM	4.3	318	540	1.28	22.50	7.68	7.6	1	4	3.6
STD DEV (GEOM *)	35	42	44	5.30	4.25	0.25	0.2	0<A	59	0.8
# SAMPLES (IN STATISTICS)	12	12	12	12	12	12	9	10	10	10

B.O.W./ SITE: **SANDUSK CREEK**
SAMPLE POINT: **AT HALDIMAND COUNTY ROAD NO 11**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SANDUSK CREEK**

STATION ID: **16-0170-002-02**
STORET CODE: **02 003 0490**

LAT: LONG: U T M: **17 0582200.0 4741550.0 4** REGION: **02** DISTANCE: **4.506**

TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1515 .3 1	38329	4	15000>	15000>	260	600>	3.5	7.5	4.5	0.194
81 02 09 1320 .3 1	38377	4	50I	1950	4<	4<	2.0	8.2	10.0	0.245
81 03 25 0950 .3 1	38428	5	120A	6000>	10<	750	6.5	13.20	1.6	0.075
81 04 30 1005 .3 1	38511	3	2200	15000>	170	640	13.0	9.60	3.0	0.256
81 05 25 1420 .3 1	38547	5	150A	7000	20A	20<	20.0	7.80	3.4	0.154
81 06 25 1445 .3 1	38591	9 5	11000	160000	1500	940	25.0	7.20	2.6	0.185
81 07 30 1455 .3 1	38645	5	200A	23000	20<	120A	24.5	6.40	2.2	0.245
81 08 25 1520 .3 1	38671	5 9	140A	8000	10A	120	21.0	10.10	2.8	0.028
81 09 29 1500 .3 1	38739	8	1400	26000	60A	40A	13.2	6.70	2.4	0.190
81 10 15 1140 .3 1	38768	8	500A	9400	10A	10A	8.5	10.20	2.8	0.110
81 11 16 1425 .3 1	38820	8	260A	7000	20A	10A	4.0	10.00	1.2	0.090
81 12 08 1110 .3 1	38864	3	12300A	37000	90A	200	2.5	10.80	2.2	0.170
MAXIMUM			12300	160000	1500	940	25.0	13.20	10.0	0.256
ARITH MEAN			2575	31039	238	314	12.0	8.9	3.2	0.162
GEOM MEAN			549	14327	62	120	8.6	8.7	2.8	0.140
MINIMUM			50	1950	10	10	2.0	6.40	1.2	0.028
STD DEV (GEOM *)			6*	4*	5*	6*	8.7	2.0	2.3	0.073
# SAMPLES (IN STATISTICS)			11	9	9	9	12	12	12	12

TEST-NAME:	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 28 1515 .3 1	0.105	1.730	3.020	0.072	2.330		4.132	1.290	5.422	1153.0
81 02 09 1320 .3 1	0.170	0.960	2.100	0.050	2.150		3.160	1.140	4.300	461.0
81 03 25 0950 .3 1	0.015	0.044	0.78	0.013	1.290	1.300	1.347	0.736	2.083	
81 04 30 1005 .3 1	0.068	0.144	1.97			4.330		1.826	6.300	
81 05 25 1420 .3 1	0.055	0.006	1.34	0.004	0.460	0.465	0.470	1.334	1.804	
81 06 25 1445 .3 1	0.081	0.014	1.88	0.012	30.0 U	30.0 U	30.026	1.866	31.892	
81 07 30 1455 .3 1	0.041	0.006	1.35	0.006	4.240	4.250	4.252	1.344	5.596	
81 08 25 1520 .3 1	0.071	0.006	0.80	0.004	0.625	0.630	0.635	0.794	1.429	
81 09 29 1500 .3 1	0.046	0.002	1.70	0.032	5.210	5.250	5.244	1.698	6.942	
81 10 15 1140 .3 1	0.023	0.020	1.32	0.055	2.190	2.250	2.265	1.300	3.565	
81 11 16 1425 .3 1	0.016	0.052	0.98	0.018	1.280	1.300	1.350	0.928	2.278	
81 12 08 1110 .3 1	0.090	0.024	1.32	0.060	4.190	4.250	4.274	1.296	5.570	
MAXIMUM	0.170	1.730	3.020	0.072	30.0	30.0	30.026	1.866	31.892	1153.0
ARITH MEAN	0.065	0.251	1.54	0.030	4.9	5.4	5.196	1.296	6.432	807.0
GEOM MEAN	0.052	0.033	1.43	0.019	2.3	2.5	2.654	1.246	4.336	729.1
MINIMUM	0.015	0.002	0.78	0.004	0.460	0.465	0.470	0.736	1.429	461.0
STD DEV (GEOM *)	0.044	0.538	0.63	0.025	8.4	8.8	8.396	0.369	8.237	489.3
# SAMPLES (IN STATISTICS)	12	12	12	11	11	10	11	12	12	2

TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 28 1515 .3 1	15.0	1138.0	1600.0	7.30	151.000		7.58			
81 02 09 1320 .3 1	10.0	451.0	660.0	12.00	64.000		7.42	7.2		
81 03 25 0950 .3 1	24	538	840	18.00	77.00	153	8.20		1<T	1.20
81 04 30 1005 .3 1	101	418	520	0.07	29.00	131	7.67	7.56	1<T	6.00
81 05 25 1420 .3 1	47	693	960	30.00	84.00	180	8.02	8.10	1<T	2.25
81 06 25 1445 .3 1	49	714	860	36.00	64	109	7.44	7.50	1<T	2.70
81 07 30 1455 .3 1			730	4.10	51.00	140	7.64		1<T	2.45
81 08 25 1520 .3 1	23.4	514	760	1.14	73.00	155	7.68	8.30	1<T	1.45
81 09 29 1500 .3 1	59.7	485	800	15.30	71.50	146	7.82	8.10	1<T	2.40
81 10 15 1140 .3 1	28.0	600	820	11.90	71.00	160	8.14	7.95	1<T	0.98
81 11 16 1425 .3 1	30.7	491	680	26.00	44.00	176	8.10	7.95	1<T	1.44
81 12 08 1110 .3 1	16.8	400	600	55.00	36.00	143	8.08	8.50	1<T	2.90
MAXIMUM	101	1138.0	1600.0	55.00	151.000	180	8.20	8.50	1	6.00
ARITH MEAN	36	585	819	18.07	67	149	7.82	7.9	1<A	2.38
GEOM MEAN	29	559	787	8.51	62	148	7.81	7.9	1<A	2.08
MINIMUM	10.0	400	520	0.07	29.00	109	7.42	7.2	1	0.98
STD DEV (GEOM *)	26	209	274	16.22	31	21	0.28	0.4	0<A	1.44
# SAMPLES (IN STATISTICS)	11	11	12	12	12	10	12	9	10	10

(CONTD)

B.O.W./ SITE: **SANDUSK CREEK**
SAMPLE POINT: **AT HALDIMAND COUNTY ROAD NO 11**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SANDUSK CREEK**

STATION ID: **16-0170-002-02**
STORET CODE: **02 003 0490**

LAT: LONG: U T M: **17 0582200.0 4741550.0 4** REGION: **02** DISTANCE: **4.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 25 0950		.3	1	0.003	0.003<	0.009
81 04 30 1005		.3	1	0.006	0.003<	0.041
81 05 25 1420		.3	1	0.005	0.030	0.005
81 06 25 1445		.3	1	0.006	0.003<	0.006
81 07 30 1455		.3	1	0.004	0.003<	0.010
81 08 25 1520		.3	1	0.010	0.003<	0.010
81 09 29 1500		.3	1	0.010	0.003<	0.008
81 10 15 1140		.3	1	0.010	0.003<	0.005
81 11 16 1425		.3	1	0.010	0.003	0.007
81 12 08 1110		.3	1	0.004	0.003<	0.009
	MAXIMUM			**0.010**	**0.030**	**0.041**
	ARITH MEAN			**0.007**	**0.016**	**0.011**
	GEOM MEAN			**0.006**	**0.009**	**0.009**
	MINIMUM			**0.003**	**0.003**	**0.005**
	STD DEV (GEOM *)			**0.003**	**0.019**	**0.011**
	# SAMPLES (IN STATISTICS)			**10**	**2**	**10**

B.O.W./ SITE: **SANDUSK CREEK**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **SANDUSK CREEK**

STATION ID: **16-0170-003-02**
STORET CODE: **02 003 0490**

LAT: LONG: U T M: **17 0573350.0 4746900.0 4** REGION: **02** DISTANCE: **17.702**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 28 1210		.3	1	38322	6	15000>	15000>	292	600>	3.5	8.0	5.0	0.348
81 02 09 1045		.3	1	38370	4	310C	2750	8	12	2.0	8.1	6.0	0.140
81 03 25 1030		.3	1	38431	6	6000>	48000>	2200>	1500>	7.5	4.50	10.6	2.040
81 04 30 1030		.3	1	38514	3	940	3000>	160	130	12.5	12.10	1.4	0.208
81 05 25 1055		.3	1	38550	5	5100A	45000	780	580	18.0	6.80	2.2	0.200
81 06 25 0945		.3	1	38577	5	96000A	150000>	3000>	3000>	18.5	5.00	2.6	0.352
81 07 30 1000		.3	1	38631	5	6800	15000>	1500>	1430	16.0	7.00	2.4	0.358
81 08 25 1000		.3		38657	1								
81 09 29 0950		.3	1	38725	5	64000	87000	14500	2700	9.5	4.70	14.8	1.150
81 10 15 0925		.3	1	38761	5	2200	21500	120	130	7.0	4.40	6.2	1.090
81 11 16 1020		.3	1	38813	8	5500A	66000	60A	300	3.5	9.40	0.6	1.850
81 12 08 0920		.3	1	38857	3	46000	81000	140	1110	3.0	10.20	1.8	0.192
	MAXIMUM					**96000**	**87000**	**14500**	**2700**	**18.5**	**12.10**	**14.8**	**2.040**
	ARITH MEAN					**25206**	**50542**	**2007**	**799**	**9.2**	**7.2**	**4.9**	**0.721**
	GEOM MEAN					**6880**	**32766**	**213**	**333**	**7.1**	**6.8**	**3.4**	**0.467**
	MINIMUM					**310**	**2750**	**8**	**12**	**2.0**	**4.40**	**0.6**	**0.140**
	STD DEV (GEOM *)					**7***	**4***	**9***	**6***	**6.2**	**2.5**	**4.4**	**0.700**
	# SAMPLES (IN STATISTICS)					**9**	**6**	**8**	**8**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 28 1210		.3	1	0.200	0.560	2.120	0.210	2.190		2.960	1.560	4.520	640.0
81 02 09 1045		.3	1	0.130	1.110	1.200	0.075	0.840		2.025	0.090	2.115	1509.0
81 03 25 1030		.3	1	1.770	8.900	11.50	0.009	0.065	0.075	8.974	2.600	11.574	
81 04 30 1030		.3	1		0.034	1.69	0.082				1.656		
81 05 25 1055		.3	1	0.094	0.040	1.63	0.004	0.290	0.295	0.334	1.590	1.924	
81 06 25 0945		.3	1	0.070	0.008	1.52	0.009	3.090	3.100	3.107	1.512	4.619	
81 07 30 1000		.3	1	0.022	0.006	1.72	0.003	4.100	4.100	4.109	1.714	5.823	
81 09 29 0950		.3	1	0.680	0.006	3.90	0.043	3.360	3.400	3.409	3.894	7.303	
81 10 15 0925		.3	1	0.800	0.016	2.20	0.011	2.690	2.700	2.717	2.184	4.901	
81 11 16 1020		.3	1	0.091	0.006	0.95	0.093	0.550	0.645	0.649	0.944	1.593	
81 12 08 0920		.3	1	0.070	0.020	0.98	0.025	0.695	0.720	0.740	0.960	1.700	
	MAXIMUM			**1.770**	**8.900**	**11.50**	**0.210**	**4.100**	**4.100**	**8.974**	**3.894**	**11.574**	**1509.0**
	ARITH MEAN			**0.393**	**0.973**	**2.67**	**0.051**	**1.787**	**1.879**	**2.902**	**1.700**	**4.607**	**1074.5**
	GEOM MEAN			**0.172**	**0.049**	**1.96**	**0.024**	**1.043**	**1.023**	**1.999**	**1.308**	**3.753**	**982.7**
	MINIMUM			**0.022**	**0.006**	**0.95**	**0.003**	**0.065**	**0.075**	**0.334**	**0.090**	**1.593**	**640.0**
	STD DEV (GEOM *)			**0.556**	**2.652**	**3.03**	**0.062**	**1.465**	**1.605**	**2.489**	**0.982**	**3.133**	**614.5**
	# SAMPLES (IN STATISTICS)			**10**	**11**	**11**	**11**	**10**	**8**	**10**	**11**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 28 1210		.3	1	14.0	626.0	1040.0	13.00	219.000		7.38			
81 02 09 1045		.3	1	23.0	1486.0	2550.0	11.00	637.000		7.43	7.4		
81 03 25 1030		.3	1	13	568	1020	5.70	133.00	212	7.40		0.020	0.003<
81 04 30 1030		.3	1	11	390	580	18.00	32.50	152	7.93	7.85	0.004	0.003<
81 05 25 1055		.3	1	27	601	980	4.00	112.00	279	8.01	7.80	0.005	0.020
81 06 25 0945		.3	1	201	890	600	15.00	41.50	180	7.97	7.30	0.006	0.003<
81 07 30 1000		.3	1	13.2	740	980	0.94	97.000	214	7.61		0.007	0.007
81 09 29 0950		.3	1	35.3	435	790	10.30	71.00	215	7.49	7.80	0.074	0.004
81 10 15 0925		.3	1	32.0	505	740	5.40	71.00	213	7.91	7.50	0.009	0.003<
81 11 16 1020		.3	1	13.1	680	1020	8.30	83.00	320	7.90	7.75	0.009	0.008
81 12 08 0920		.3	1	23.6	456	700	40.00	45.00	201	7.39	8.00	0.010	0.003<
	MAXIMUM			**201**	**1486.0**	**2550.0**	**40.00**	**637.000**	**320**	**8.01**	**8.00**	**0.074**	**0.020**
	ARITH MEAN			**36**	**670**	**1000**	**11.97**	**140.18**	**221**	**7.67**	**7.6**	**0.016**	**0.010**
	GEOM MEAN			**23**	**623**	**915**	**8.43**	**94.09**	**216**	**7.67**	**7.6**	**0.010**	**0.008**
	MINIMUM			**11**	**390**	**580**	**0.94**	**32.50**	**152**	**7.38**	**7.30**	**0.004**	**0.004**
	STD DEV (GEOM *)			**55**	**307**	**542**	**10.57**	**172.91**	**50**	**0.27**	**0.2**	**0.022**	**0.007**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**	**11**	**9**	**11**	**8**	**9**	**4**

(CONTD)

TEST-NAME: ZNUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
81 03 25 1030		.3	1	0.020
81 04 30 1030		.3	1	0.024
81 05 25 1055		.3	1	0.002
81 06 25 0945		.3	1	0.006
81 07 30 1000		.3	1	0.008
81 09 29 0950		.3	1	0.020
81 10 15 0925		.3	1	0.009
81 11 16 1020		.3	1	0.005
81 12 08 0920		.3	1	0.013
MAXIMUM				**0.024**
ARITH MEAN				**0.012**
GEOM MEAN				**0.009**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.008**
# SAMPLES (IN STATISTICS)				**9**

B.O.W./ SITE: **NITH RIVER**
SAMPLE POINT: **AT HIGHWAY 24A PARIS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-009-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0550125.0 4782150.0 4** REGION: **02** DISTANCE: **121.180**

TEST-NAME: SAMPLE FWSTRC TCMF TCMFBK FCMF FSMF FWTEMP DO BOD5 PPUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1355		.3	1	39009	6	6950C	14500	10I	70I	0.5	13.9	0.2<	0.041
81 02 17 1347		.3	1	39050	6 3	22000	116000	620	3000>	0.5	12.4	3.6	0.240
81 03 26 1307		.3	1	39091	6 8	100<	400A	20<	50<	6.0	13.20	0.6	0.034
81 04 22 1415		.3	1	39132	8 6	70A	2500	10<	10<	10.0	13.00	0.6	0.026
81 05 07 1327		.3	1	39173	9	280	3000>	10<	10A	14.5	11.30	0.8	0.029
81 06 23 1350		.3	1	39214	3	1100	27000	470	160	20.0	10.40	1.2	0.070
81 07 21 1355		.3	1	39255	8 6	300A	43000	280	130	23.7	9.30	0.6	0.041
81 08 19 1415		.3	1	39296	8 6	100A	9000	60A	10A	22.0	10.1	0.8	0.038
81 09 23 1400		.3	1	39337	8 6	1060	4200	160	40A	11.5	11.00	0.2<T	0.025
81 10 27 1345		.3	1	39378	8 6	2000	12000	110	100	7.5	11.40	0.8	0.120
81 11 05 1240		.3	1	39419	8 6	320	1020	30A	10A	8.5	13.20		0.250
81 12 15 1325		.3	1	39460	8 6	20A	340	10<	10A	0.5	13.60	0.2<T	0.028
MAXIMUM						**22000**	**116000**	**620**	**160**	**23.7**	**13.9**	**3.6**	**0.250**
ARITH MEAN						**3109**	**20905**	**217**	**60**	**10.4**	**11.9**	**0.9<A**	**0.078**
GEOM MEAN						**548**	**5910**	**113**	**34**	**5.5**	**11.8**	**0.7<A**	**0.054**
MINIMUM						**20**	**340**	**10**	**10**	**0.5**	**9.30**	**0.2**	**0.025**
STD DEV (GEOM *)						**8***	**7***	**4***	**3***	**8.2**	**1.5**	**1.0<A**	**0.062**
# SAMPLES (IN STATISTICS)						**11**	**11**	**8**	**9**	**12**	**12**	**10**	**12**

TEST-NAME: PPO4FR NNHTFR NNTKUR NNO2FR NNO3FR NNOTFR NNTIFR NNKUR NNKI RST

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 22 1355		.3	1	0.026	0.104	0.440	0.022	4.180		4.306	0.336	4.642	620.00
81 02 17 1347		.3	1	0.115	0.560	1.580	0.047	3.700		4.307	1.020	5.327	516.00
81 03 26 1307		.3	1	0.008	0.004	0.42	0.013	4.590	4.600	4.607	0.416	5.023	
81 04 22 1415		.3	1	0.001	0.076	0.68	0.017	3.130	3.150	3.223	0.604	3.827	
81 05 07 1327		.3	1	0.002	0.074	0.77	0.030	3.020	3.050	3.124	0.696	3.820	
81 06 23 1350		.3	1	0.009	0.014	0.88	0.009	2.290	2.300	2.313	0.866	3.179	
81 07 21 1355		.3	1	0.006	0.030	0.51	0.007	1.340	1.350	1.377	0.480	1.857	
81 08 19 1415		.3	1	0.008	0.038	0.48	0.007	1.340	1.350	1.385	0.442	1.827	
81 09 23 1400		.3	1	0.006	0.048	0.65	0.006	2.640	2.650	2.694	0.602	3.296	
81 10 27 1345		.3	1	0.056	0.040	0.90	0.034	4.620	4.650	4.694	0.860	5.554	
81 11 05 1240		.3	1	0.225	0.022	0.65	0.018	3.980	4.000	4.020	0.628	4.648	
81 12 15 1325		.3	1	0.010	0.006	0.39	0.034	4.570	4.600	4.610	0.384	4.994	
MAXIMUM				**0.225**	**0.560**	**1.580**	**0.047**	**4.620**	**4.650**	**4.694**	**1.020**	**5.554**	**620.00**
ARITH MEAN				**0.039**	**0.085**	**0.69**	**0.020**	**3.283**	**3.170**	**3.388**	**0.611**	**3.999**	**568.00**
GEOM MEAN				**0.013**	**0.036**	**0.64**	**0.016**	**3.036**	**2.900**	**3.132**	**0.577**	**3.773**	**565.61**
MINIMUM				**0.001**	**0.004**	**0.39**	**0.006**	**1.340**	**1.350**	**1.377**	**0.336**	**1.827**	**516.00**
STD DEV (GEOM *)				**0.067**	**0.153**	**0.32**	**0.013**	**1.193**	**1.275**	**1.227**	**0.216**	**1.266**	**73.54**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

TEST-NAME: RSP RSF COND25 TURB CLIDUR SSO4UR ALKT PH PHNOL FEUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 22 1355		.3	1	5.00	615.00	860.0	2.80	22.500	182.000	247.0	7.98	1.000<	0.180
81 02 17 1347		.3	1	87.00	429.00	640.0	48.00	30.000	87.000	224.0	7.67	1.000	2.000
81 03 26 1307		.3	1	6	476	720	2.30	24.00	121.0	220	8.29	1 <T	0.16
81 04 22 1415		.3	1	5	443	660	2.50	25.00	118	201	8.39	1 <T	0.12
81 05 07 1327		.3	1	7	441	620	1.50	24.50	108.0	174	8.27	1 <T	0.18
81 06 23 1350		.3	1	27	482	660	4.60	23.00	129.0	186	8.47	1 <T	0.64
81 07 21 1355		.3	1			750	5.20	23.50	198.0	160	8.16	1 <T	0.35
81 08 19 1415		.3	1	12.7	561	720	4.00	22.50	204.0	177	8.42	1 <T	0.38
81 09 23 1400		.3	1	3.6	448	705	2.40	23.00	107.0	218	8.27	1 <T	0.16
81 10 27 1345		.3	1	25.0	431	620	8.60	20.00	76.0	231	8.25	1 <T	0.85
81 11 05 1240		.3	1	3.9	415	700	2.10	21.00	113.0	252	8.54	1 <T	0.17
81 12 15 1325		.3	1	8.8	436	760	3.30	23.00	129.0	245	8.38	1 <T	0.11
MAXIMUM				**87.00**	**615.00**	**860.0**	**48.00**	**30.000**	**204.0**	**252**	**8.54**	**1.000**	**2.000**
ARITH MEAN				**17**	**470**	**701**	**7.27**	**23.50**	**131**	**211**	**8.26**	**1 <A**	**0.44**
GEOM MEAN				**9**	**467**	**698**	**3.98**	**23.39**	**125**	**209**	**8.25**	**1 <A**	**0.28**
MINIMUM				**3.6**	**415**	**620**	**1.50**	**20.00**	**76.0**	**160**	**7.67**	**1.000**	**0.11**
STD DEV (GEOM *)				**24**	**62**	**68**	**12.97**	**2.48**	**41**	**31**	**0.24**	**0 <A**	**0.54**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**11**	**12**

(CONTD)

B.O.W./ SITE: **NITH RIVER**
SAMPLE POINT: **AT HIGHWAY 24A PARIS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-009-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0550125.0 4782150.0 4** REGION: **02** DISTANCE: **121.180**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*COLAP*	*COD*	*DOC*	*ASUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*
81 01 22 1355		.3	1	8.000	35		0.001<	0.100	0.001 <	0.003	0.003<	0.0006	0.015
81 02 17 1347		.3	1	22.000	36		0.001<	1.300	0.0020	0.004	0.002<	0.0002<	0.011
81 03 26 1307		.3	1		2	2.9				0.004	0.003<		0.001
81 04 22 1415		.3	1		55	4.9				0.005	0.003<		0.002
81 05 07 1327		.3	1		32	4.9				0.001<	0.003<		0.001
81 06 23 1350		.3	1		18	4.6				0.004	0.003<		0.013
81 07 21 1355		.3	1		22	3.1				0.005	0.003<		0.002
81 08 19 1415		.3	1		19	4.9				0.010	0.003<		0.001
81 09 23 1400		.3	1		14	4.2				0.028	0.003<		0.016
81 10 27 1345		.3	1		20	10.7				0.003	0.003<		0.006
81 11 05 1240		.3	1		12	4.6				0.011	0.003<		0.005
81 12 15 1325		.3	1			5.2				0.009	0.004		0.004
MAXIMUM				**22.000**	**55**	**10.7**		**1.300**	**0.0020**	**0.028**	**0.004**	**0.0006**	**0.016**
ARITH MEAN				**15.000**	**24**	**5.0**		**0.700**	**0.0020**	**0.008**	**0.004**	**0.0006**	**0.006**
GEOM MEAN				**13.266**	**19**	**4.7**		**0.361**		**0.006**			**0.004**
MINIMUM				**8.000**	**2**	**2.9**		**0.100**	**0.0020**	**0.003**	**0.004**	**0.0006**	**0.001**
STD DEV (GEOM *)				**9.899**	**14**	**2.1**		**0.849**		**0.007**			**0.006**
# SAMPLES (IN STATISTICS)				**2**	**11**	**10**		**2**	**1**	**11**	**1**	**1**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*MNUT*	*NIUT*	*COUT*
81 01 22 1355		.3	1	0.021	0.014	0.0005<
81 02 17 1347		.3	1	0.100	0.003<	0.001 <
MAXIMUM				**0.100**	**0.014**	
ARITH MEAN				**0.060**	**0.014**	
GEOM MEAN				**0.046**		
MINIMUM				**0.021**	**0.014**	
STD DEV (GEOM *)				**0.056**		
# SAMPLES (IN STATISTICS)				**2**	**1**	

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT GLEN MORRIS BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-010-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0552950.0 4791525.0 4** REGION: **02** DISTANCE: **133.250**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 22 1424		.3	1	39010	6	1580	3200	360	130	0.5	14.2	1.0	0.099
81 02 17 1414		.3	1	39051	6 3	5600C	26000	400	380	1.0	13.8	3.7	0.148
81 03 26 1327		.3	1	39092	6 8	200A	200A	20<	80A	7.0	16.20	0.8	0.060
81 04 22 1445		.3	1	39133	8 6	170	2900	10<	10<	11.0	18.00	0.6	0.041
81 05 07 1405		.3	1	39174	9	420	3000>	10<	40A	16.5	16.80	1.2	0.054
81 06 23 1415		.3	1	39215	3	2300A	30000	300	110	20.0	11.40	1.0	0.135
81 07 21 1435		.3	1	39256	9 7	7600A	53000	630	70A	24.5	12.10	1.4	0.152
81 08 19 1445		.3	1	39297	7 9 0	800A	20000	60A	10<	23.0	14.40	0.6	0.140
81 09 23 1430		.3	1	39338	7	50000	230000	450	70A	13.0	11.80	0.2<T	0.270
81 10 27 1410		.3	1	39379	7	2400	22000	80A	140	7.5	11.00	1.2	0.075
81 11 05 1305		.3	1	39420	8 6	1000	3700	30A	50A	8.2	12.80		0.176
81 12 15 1358		.3	1	39461	8 6	240	1180	70A	20A	0.5	13.40	0.4	0.075
MAXIMUM						**50000**	**230000**	**630**	**380**	**24.5**	**18.00**	**3.7**	**0.270**
ARITH MEAN						**6026**	**35653**	**264**	**109**	**11.1**	**13.8**	**1.1<A**	**0.119**
GEOM MEAN						**1387**	**9063**	**171**	**81**	**6.1**	**13.6**	**0.9<A**	**0.103**
MINIMUM						**170**	**200**	**30**	**20**	**0.5**	**11.00**	**0.2**	**0.041**
STD DEV (GEOM *)						**5***	**7***	**3***	**2***	**8.5**	**2.2**	**0.9<A**	**0.065**
# SAMPLES (IN STATISTICS)						**12**	**11**	**9**	**10**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 22 1424		.3	1	0.055	0.720	1.380	0.200	2.800		3.720	0.660	4.380	479.00
81 02 17 1414		.3	1	0.075	0.930	1.880	0.210	3.380		4.520	0.950	5.470	601.00
81 03 26 1327		.3	1	0.028	0.172	0.75	0.355	4.540	4.900	5.067	0.578	5.645	
81 04 22 1445		.3	1	0.013	0.126	0.73	0.087	3.160	3.250	3.373	0.604	3.977	
81 05 07 1405		.3	1	0.011	0.072	0.86	0.140	2.66	2.800	2.872	0.788	3.660	
81 06 23 1415		.3	1	0.058	0.006	1.05	0.001	2.650	2.650	2.657	1.044	3.701	
81 07 21 1435		.3	1	0.065	0.078	0.88	0.027	2.320	2.350	2.425	0.802	3.227	
81 08 19 1445		.3	1	0.091	0.072	0.84	0.035	1.860	1.900	1.967	0.768	2.735	
81 09 23 1430		.3	1	0.040	0.018	0.92	0.069	1.570	1.630	1.657	0.902	2.559	
81 10 27 1410		.3	1	0.022	0.050	0.90	0.062	2.840	2.900	2.952	0.850	3.802	
81 11 05 1305		.3	1	0.150	0.004	0.81	0.077	2.320	2.400	2.401	0.806	3.207	
81 12 15 1358		.3	1	0.034	0.006	0.80	0.001	3.000	3.000	3.007	0.794	3.801	
MAXIMUM				**0.150**	**0.930**	**1.880**	**0.355**	**4.540**	**4.900**	**5.067**	**1.044**	**5.645**	**601.00**
ARITH MEAN				**0.053**	**0.188**	**0.98**	**0.105**	**2.75**	**2.778**	**3.051**	**0.795**	**3.847**	**540.00**
GEOM MEAN				**0.041**	**0.055**	**0.94**	**0.044**	**2.66**	**2.663**	**2.910**	**0.785**	**3.746**	**536.54**
MINIMUM				**0.011**	**0.004**	**0.73**	**0.001**	**1.570**	**1.630**	**1.657**	**0.578**	**2.559**	**479.00**
STD DEV (GEOM *)				**0.039**	**0.305**	**0.33**	**0.105**	**0.76**	**0.896**	**0.996**	**0.136**	**0.950**	**86.27**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1424	.3	.3	1	4.00	475.00	760.0	2.00	61.000	65.000	238.0	8.01	1.000<	0.160
81 02 17 1414	.3	.3	1	19.00	582.00	960.0	3.40	142.000	58.000	207.0	7.90	1.000	0.650
81 03 26 1327	.3	.3	1	5	458	760	2.50	69.00	74.0	215	8.41	1 <T	0.18
81 04 22 1445	.3	.3	1	5	402	660	1.60	65.00	63	184	8.48	1 <T	0.09
81 05 07 1405	.3	.3	1	11	411	660	1.60	75	67.0	214	8.46	1 <T	0.12
81 06 23 1415	.3	.3	1	21	375	620	8.00	50.00	53.0	163	8.40	1 <T	0.62
81 07 21 1435	.3	.3	1			580	3.20	50.00	44.5	207	8.60	1 <T	0.43
81 08 19 1445	.3	.3	1	5.7	579	580	4.40	60.00	60.0	183	8.94	1 <T	0.26
81 09 23 1430	.3	.3	1	8.9	317	560	2.70	40.50	56.0	195	8.44	1 <T	0.25
81 10 27 1410	.3	.3	1	15.0	371	580	4.90	25.50	41.0	238	8.31	1 <T	0.49
81 11 05 1305	.3	.3	1	7.0	403	620	1.45	38.00	52.0	238	8.48	1 <T	0.25
81 12 15 1358	.3	.3	1	11.3	342	600	7.60	31.50	41.0	232	8.42	1 <T	0.30
MAXIMUM				**21**	**582.00**	**960.0**	**8.00**	**142.000**	**74.0**	**238.0**	**8.94**	**1.000**	**0.650**
ARITH MEAN				**10**	**428**	**661**	**3.61**	**58**	**56**	**209**	**8.40**	**1 <A**	**0.31**
GEOM MEAN				**8**	**420**	**653**	**3.07**	**53**	**55**	**208**	**8.40**	**1 <A**	**0.26**
MINIMUM				**4.00**	**317**	**560**	**1.45**	**25.50**	**41.0**	**163**	**7.90**	**1.000**	**0.09**
STD DEV (GEOM *)				**5**	**87**	**115**	**2.24**	**30**	**10**	**24**	**0.26**	**0 <A**	**0.18**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 22 1424	.3	.3	1				26.000	41		0.001<	0.150	0.002	0.003
81 02 17 1414	.3	.3	1				27.000	18		0.001<	0.300	0.0030	0.006
81 03 26 1327	.3	.3	1	260	67.0	22.50		8	4.4		0.091	0.002 <	0.005
81 04 22 1445	.3	.3	1	223	54.0	21.50		51	5.6		0.062	0.007	0.004
81 05 07 1405	.3	.3	1	225	53.0	22.50		31	6.0		0.009	0.002 <	0.001<
81 06 23 1415	.3	.3	1	194	49.0	17.50		24	5.7		0.200	0.0020	0.010
81 07 21 1435	.3	.3	1	200	48.0	19.50		32	6.4		0.230	0.0020<	0.004
81 08 19 1445	.3	.3	1	228	56.4	21.20		16	6.2		0.191	0.0040	0.009
81 09 23 1430	.3	.3	1	226	58.8	19.30		16	7.6		0.240	0.0040	0.007
81 10 27 1410	.3	.3	1	282	76.0	22.50		16	6.1		0.380	0.0030	0.003
81 11 05 1305	.3	.3	1	282	74.0	23.50		8	7.6		0.220	0.0040	0.010
81 12 15 1358	.3	.3	1	263	73.0	19.50		14	6.2		0.230	0.004	0.008
MAXIMUM				**282**	**76.0**	**23.50**	**27.000**	**51**	**7.6**		**0.380**	**0.007**	**0.010**
ARITH MEAN				**238**	**60.9**	**20.95**	**26.500**	**23**	**6.2**		**0.192**	**0.003**	**0.006**
GEOM MEAN				**236**	**60.1**	**20.87**	**26.495**	**20**	**6.1**		**0.148**	**0.003**	**0.006**
MINIMUM				**194**	**48.0**	**17.50**	**26.000**	**8**	**4.4**		**0.009**	**0.002**	**0.003**
STD DEV (GEOM *)				**32**	**10.7**	**1.91**	**0.707**	**13**	**0.9**		**0.102**	**0.001**	**0.003**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**2**	**12**	**10**		**12**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 22 1424	.3	.3	1	0.003<	0.0006	0.038	0.030	0.014	0.0005<
81 02 17 1414	.3	.3	1	0.010	0.0004	0.052	0.068	0.011	0.001 <
81 03 26 1327	.3	.3	1	0.003<	0.0002<	0.017		0.007	
81 04 22 1445	.3	.3	1	0.003<	0.0002<	0.010		0.008	
81 05 07 1405	.3	.3	1	0.003<	0.0002<	0.007		0.008	
81 06 23 1415	.3	.3	1	0.003<	0.0002<	0.016		0.0100	
81 07 21 1435	.3	.3	1	0.003<	0.0003	0.016		0.0070	
81 08 19 1445	.3	.3	1	0.003<	0.0002	0.012		0.0110	
81 09 23 1430	.3	.3	1	0.003<	0.0003	0.014		0.0070	
81 10 27 1410	.3	.3	1	0.003	0.0002<	0.019		0.0040	
81 11 05 1305	.3	.3	1	0.007	0.0004	0.021		0.0060	
81 12 15 1358	.3	.3	1	0.006	0.0002	0.015		0.005	
MAXIMUM				**0.010**	**0.0006**	**0.052**	**0.068**	**0.014**	
ARITH MEAN				**0.006**	**0.0003**	**0.020**	**0.049**	**0.008**	
GEOM MEAN				**0.006**	**0.0003**	**0.017**	**0.045**	**0.007**	
MINIMUM				**0.003**	**0.0002**	**0.007**	**0.030**	**0.0040**	
STD DEV (GEOM *)				**0.003**	**0.0001**	**0.013**	**0.027**	**0.002**	
# SAMPLES (IN STATISTICS)				**4**	**7**	**12**	**2**	**12**	

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BLAIR BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-012-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0549625.0 4803700.0 4** REGION: **02** DISTANCE: **151.918**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1257	.3	.3	1	39039	6 4	4200C	12000	500	136	0.5	12.0	1.8	0.098
81 02 18 1147	.3	.3	1	39080	6 3	11000	53000	1080	1800	1.0	12.4	5.5	0.320
81 03 24 1332	.3	.3	1	39121	6 8	160	900	20<	20 <	6.0	12.20	1.6	0.130
81 04 29 1344	.3	.3	1	39162	8 6	900	1500>	70A	20 A	11.0		1.2	0.082
81 05 20 1225	.3	.3	1	39203	6 8	720A	30000	10A	10 A	15.5	14.40	1.2	0.064
81 06 10 1216	.3	.3	1	39244	7	800A	47000	36	92.000	18.0	8.00	1.4	0.155
81 07 29 1555	.3	.3	1	39285	7	5700A	100000	700	200	20.0	11.20	1.2	0.142
81 08 11 1212	.3	.3	1	39326	7	4000A	45000	770	270	23.0	10.10	1.2	0.120
81 09 01 1210	.3	.3	1	39367	7 3	4300A	128000	3600	490	21.5	8.50	2.2	0.338
81 10 28 1215	.3	.3	1	39408	3	38000	190000	7500	14100	8.2	11.40	3.0	0.365
81 11 25 1210	.3	.3	1	39449	8 6	90A	720	10<	10 A	1~8	15.10	0.6	0.040
81 12 03 1510	.3	.3	1	39490	8 6	5100A	60000	550	840	2.0	12.80	1.8	0.115
MAXIMUM						**38000**	**190000**	**7500**	**14100**	**23.0**	**15.10**	**5.5**	**0.366**
ARITH MEAN						**6247**	**60602**	**1482**	**1633**	**10.7**	**11.6**	**1.9**	**0.164**
GEOM MEAN						**2080**	**26092**	**402**	**193**	**6.1**	**11.4**	**1.6**	**0.134**
MINIMUM						**90**	**720**	**10**	**10**	**0.5**	**8.00**	**0.6**	**0.040**
STD DEV (GEOM *)						**6***	**6***	**8***	**9 ***	**8.6**	**2.1**	**1.3**	**0.112**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**11**	**12**	**11**	**12**	**12**

(CONTD)

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BLAIR BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-012-02**
STORET CODE: **02 003 0150**

LAT. LONG. U T M: **17 0549625.0 4803700.0 4** REGION: **02** DISTANCE: **151.918**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PO4 FIL.REAC MG/L AS P	PPO4FR	NH3-N TOTAL FIL.REAC MG/L AS N	NNHTFR	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNTKUR	NO2-N FIL.REAC MG/L AS N	NNO2FR	NO3-N FIL.REAC MG/L AS N	NNO3FR	NO2+NO3N FIL.REAC MG/L AS N	NNOTFR	INORG N TOTAL FIL.REAC MG/L	NNTIFR	KJELDAHL ORGANIC UNF.REAC MG/L	NNKUR	TOTAL N MG/L AS N	NNKI	RESIDUE TOTAL MG/L	RST
81 01 14 1257		.3	1	0.067		0.450		1.250		0.290		2.960				3.700		0.800		4.500		467.00	
81 02 18 1147		.3	1	0.120		0.720		2.200		0.330		3.770				4.820		1.480		6.300		494.00	
81 03 24 1332		.3	1	0.051		0.430		1.05		0.220		4.680		4.900		5.330		0.620		5.950			
81 04 29 1344		.3	1	0.016		0.046		0.94		0.058		3.740		3.800		3.844		0.894		4.738			
81 05 20 1225		.3	1	0.026		0.074		0.70		0.045		3.000		3.050		3.119		0.626		3.745			
81 06 10 1216		.3	1	0.040		0.004		1.08		0.042		1.660		1.700		1.706		1.076		2.782			
81 07 29 1555		.3	1	0.039		0.042		0.90		0.031		1.670		1.700		1.743		0.858		2.601			
81 08 11 1212		.3	1	0.044		0.014		0.94		0.001		1.950		1.950		1.965		0.926		2.891			
81 09 01 1210		.3	1	0.106		0.004		1.70		0.035		3.910		3.950		3.949		1.696		5.645			
81 10 28 1215		.3	1	0.125		0.006		1.78		0.002		4.150		4.150		4.158		1.774		5.932			
81 11 25 1210		.3	1	0.017		0.042		0.80		0.001<T		3.450		3.450		3.493		0.758		4.251			
81 12 03 1510		.3	1	0.044		0.058		0.95		0.135		3.760		3.900		3.953		0.892		4.845			
MAXIMUM				**0.125**		**0.720**		**2.200**		**0.330**		**4.680**		**4.900**		**5.330**		**1.774**		**6.300**		**494.00**	
ARITH MEAN				**0.058**		**0.157**		**1.19**		**0.099<A**		**3.225**		**3.255**		**3.482**		**1.033**		**4.515**		**480.50**	
GEOM MEAN				**0.047**		**0.045**		**1.12**		**0.031<A**		**3.057**		**3.054**		**3.273**		**0.972**		**4.328**		**480.31**	
MINIMUM				**0.016**		**0.004**		**0.70**		**0.001**		**1.660**		**1.700**		**1.706**		**0.620**		**2.601**		**467.00**	
STD DEV (GEOM *)				**0.039**		**0.238**		**0.45**		**0.117<A**		**0.998**		**1.122**		**1.164**		**0.397**		**1.302**		**19.09**	
# SAMPLES (IN STATISTICS)				**12**		**12**		**12**		**12**		**12**		**10**		**12**		**12**		**12**		**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RESIDUE PARTIC. MG/L	RSP	RESIDUE FILTERED MG/L	RSF	CONDUCT. 25C UMHO/CM AT 25 C	COND25	TURB'ITY FTU	TURB	CHLORIDE UNF.REAC MG/L AS CL	CLIDUR	SULPHATE UNF.REAC MG/L AS SO4	SSO4UR	ALK TOTAL MG/L AS CACO3	ALKT	PH	PH	PHENOLS UNF-REAC UG/L PHENOL	PHNOL	IRON UNF.TOT. MG/L AS FE	FEUT
81 01 14 1257		.3	1	6.00		461.00		720.0		2.60		45.500		59.000		241.0		7.83		1.000<		0.220	
81 02 18 1147		.3	1	90.00		404.00		660.0		15.00		71.000		45.000		174.0		7.54		3.000		1.800	
81 03 24 1332		.3	1	5		499		780		3.70		65.00				217		8.21		1	<T	0.32	
81 04 29 1344		.3	1	7		438		660		2.00		60.00				187		8.18		1	<T	0.18	
81 05 20 1225		.3	1	5		388		620		1.90		50.50				176		8.60		1	<T	0.10	
81 06 10 1216		.3	1	48		408		640		9.90		46.50				190		8.25		1	<T	0.38	
81 07 29 1555		.3	1	45.3		321		780		3.50		35.50				166		8.41		1	<T	1.20	
81 08 11 1212		.3	1	29.2		364		520		2.90		38.50				161		8.35		1	<T	0.76	
81 09 01 1210		.3	1	77.8		349		520		8.40		29.50				185		7.88		1	<T	2.85	
81 10 28 1215		.3	1	111.0		353		560		44.00		22.50				248		8.29		1	<T	3.05	
81 11 25 1210		.3	1	2.6		386		650		2.50		34.50				245		8.54		1	<T	0.15	
81 12 03 1510		.3	1	16.1		368		580		16.40		24.00				238		8.30		1	<T	0.88	
MAXIMUM				**111.0**		**499**		**780**		**44.00**		**71.000**		**59.000**		**248**		**8.60**		**3.000**		**3.05**	
ARITH MEAN				**36**		**394**		**640**		**9.40**		**43.58**		**52.000**		**202**		**8.20**		**1**	**<A**	**0.99**	
GEOM MEAN				**18**		**392**		**635**		**5.54**		**40.94**		**51.527**		**199**		**8.19**		**1**	**<A**	**0.55**	
MINIMUM				**2.6**		**321**		**520**		**1.90**		**22.50**		**45.000**		**161**		**7.54**		**1**		**0.10**	
STD DEV (GEOM *)				**37**		**50**		**88**		**12.03**		**15.78**		**9.899**		**33**		**0.31**		**0**	**<A**	**1.04**	
# SAMPLES (IN STATISTICS)				**12**		**12**		**12**		**12**		**12**		**2**		**12**		**12**		**11**		**12**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COLOUR APPARENT HZU	COLAP	CHEM. OX DEMAND MG/L AS O	COD	ARSENIC UNF.TOT. MG/L AS AS	ASUT	ALUMINUM UNF.TOT. MG/L AS AL	ALUT	CHROMIUM UNF.TOT. MG/L AS CR	CRUT	COPPER UNF.TOT. MG/L AS CU	CUUT	LEAD UNF.TOT. MG/L AS PB	PBUT	CADMIUM UNF.TOT. MG/L AS CD	CDUT	ZINC UNF.TOT. MG/L AS ZN	ZNUT	MANGANSE UNF.TOT. MG/L AS MN	MNUT
81 01 14 1257		.3	1	33.000		37		0.001<		0.120		0.001<		0.0006		0.003<		0.0002<		0.023		0.033	
81 02 18 1147		.3	1	70.000>		36		0.001<		0.990		0.007		0.009		0.008		0.0004		0.050		0.136	
81 03 24 1332		.3	1			35				0.088				0.007		0.003<				0.021			
81 04 29 1344		.3	1			8				0.072				0.001 <		0.003<				0.009			
81 05 20 1225		.3	1			19				0.036				0.004		0.003				0.008			
81 06 10 1216		.3	1			29				0.160				0.004		0.003<				0.013			
81 07 29 1555		.3	1			32				0.230				0.004		0.006				0.027			
81 08 11 1212		.3	1			18				0.420				0.005		0.014				0.016			
81 09 01 1210		.3	1			43				7.200				0.005		0.003<				0.024			
81 10 28 1215		.3	1			48				7.800				0.006		0.013				0.035			
81 11 25 1210		.3	1			33				0.180				0.006		0.008				0.009			
81 12 03 1510		.3	1			18				0.700				0.004		0.003<				0.010			
MAXIMUM				**33.000**		**48**				**7.800**		**0.007**		**0.009**		**0.014**		**0.0004**		**0.050**		**0.136**	
ARITH MEAN				**33.000**		**30**				**1.500**		**0.007**		**0.005**		**0.009**		**0.0004**		**0.020**		**0.084**	
GEOM MEAN						**27**				**0.346**				**0.004**		**0.008**				**0.017**		**0.067**	
MINIMUM				**33.000**		**8**				**0.036**		**0.007**		**0.0006**		**0.003**		**0.0004**		**0.008**		**0.033**	
STD DEV (GEOM *)						**12**				**2.820**				**0.002**		**0.004**				**0.013**		**0.073**	
# SAMPLES (IN STATISTICS)				**1**		**12**				**12**		**1**		**11**		**6**		**1**		**12**		**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NICKEL UNF.TOT. MG/L AS NI	NIUT	COBALT UNF.TOT. MG/L AS CO	COUT
81 01 14 1257		.3	1	0.008		0.0005<	
81 02 18 1147		.3	1	0.007		0.001 <	
MAXIMUM				**0.008**			
ARITH MEAN				**0.007**			
GEOM MEAN				**0.007**			
MINIMUM				**0.007**			
STD DEV (GEOM *)				**0.001**			
# SAMPLES (IN STATISTICS)				**2**			

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGEPORT BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-015-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0541875.0 4814225.0 4** REGION: **02** DISTANCE: **177.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1032		.3	1	39033	6 4	450I	7500	20I	20I	0.5	12.8	3 6	0.225
81 02 18 0950		.3	1	39074	6 3	11300C	49000	1580	3000>	0.5	12.6	4 5	0.385
81 03 24 1045		.3	1	39115	6 8	10<	20A	20<	20A	3.0	12.80		0.034
81 04 29 1058		.3	1	39156	8 6	1390	1500>	510	170	10.0			0.052
81 05 20 1045		.3	1	39197	6 8	1000A	34000	20A	10A	14.0	10.80		0.025
81 06 10 1025		.3	1	39238	8 6	150A	8900	32	204	17.5	7.60		0.038
81 07 29 1345		.3	1	39279	8 6	8200A	47000	2920	780	18.6	11.00		0.079
81 08 11 1015		.3	1	39320	7	2100A	48000	600	690	21.5	7.50		0.080
81 09 01 1000		.3	1	39361	7 3	6000A	240000	2700	550	20.2	8.00		0.248
81 10 28 1010		.3	1	39402	3	27000A	280000	5550	3000>	7.2	10.60		0.255
81 11 25 0915		.3	1	39443	8 6	200	880	80A	10A	0.5	13.20		0.024
81 12 03 1335		.3	1	39484	8 6	10000	83000	700	2000	1.8	12.70		0.082
MAXIMUM						**27000**	**280000**	**5550**	**2000**	**21.5**	**13.20**	**4.5**	**0.385**
ARITH MEAN						**6163**	**72573**	**1337**	**445**	**9.6**	**10.8**	**4.0**	**0.127**
GEOM MEAN						**2202**	**16497**	**365**	**123**	**4.6**	**10.6**	**4.0**	**0.083**
MINIMUM						**150**	**20**	**20**	**10**	**0.5**	**7.50**	**3.6**	**0.024**
STD DEV (GEOM *)						**6***	**16***	**8***	**7***	**8.4**	**2.2**	**0.6**	**0.119**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**12**	**11**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL -FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1032		.3	1	0.019	0.248	1.750	0.014	2.010		2.272	1.502	3.774	513.0
81 02 18 0950		.3	1	0.230	0.960	2.300	0.051	3.800		4.811	1.340	6.151	380.00
81 03 24 1045		.3	1	0.013	0.108	0.70	0.027	3.570	3.600	3.705	0.592	4.297	
81 04 29 1058		.3	1	0.003	0.058	0.97	0.045	3.410	3.550	3.513	0.912	4.425	
81 05 20 1045		.3	1	0.001	0.064	0.68	0.025	2.170	2.200	2.259	0.616	2.875	
81 06 10 1025		.3	1	0.002	0.008	0.65	0.044	1.310	1.350	1.362	0.642	2.004	
81 07 29 1345		.3	1	0.016	0.064	0.94	0.032	1.370	1.400	1.466	0.876	2.342	
81 08 11 1015		.3	1	0.013	0.006	0.85	0.001<T	1.200	1.200	1.207	0.844	2.051	
81 09 01 1000		.3	1	0.110	0.004	1.50	0.019	3.730	3.750	3.753	1.496	5.249	
81 10 28 1010		.3	1	0.086	0.046	1.50	0.001	4.150	4.150	4.197	1.454	5.651	
81 11 25 0915		.3	1	0.008	0.058	0.75	0.037	3.060	3.100	3.155	0.692	3.847	
81 12 03 1335		.3	1	0.032	0.074	0.88	0.073	3.530	3.600	3.677	0.806	4.483	
MAXIMUM				**0.230**	**0.960**	**2.300**	**0.073**	**4.150**	**4.150**	**4.811**	**1.502**	**6.151**	**513.0**
ARITH MEAN				**0.044**	**0.141**	**1.12**	**0.031<A**	**2.776**	**2.790**	**2.948**	**0.981**	**3.929**	**446.5**
GEOM MEAN				**0.015**	**0.050**	**1.03**	**0.018<A**	**2.542**	**2.538**	**2.687**	**0.924**	**3.684**	**441.5**
MINIMUM				**0.001**	**0.004**	**0.65**	**0.001**	**1.200**	**1.200**	**1.207**	**0.592**	**2.004**	**380.00**
STD DEV (GEOM *)				**0.068**	**0.266**	**0.52**	**0.021<A**	**1.091**	**1.137**	**1.199**	**0.361**	**1.389**	**94.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 14 1032		.3	1	133.0	380.0	600.0	27.00	22.000	7.85			
81 02 18 0950		.3	1	25.00	355.00	560.0	6.20	37.500	7.68			
81 03 24 1045		.3	1	4	409	600	2.70	25.00	8.33	1<T	31	4.7
81 04 29 1058		.3	1	8	353	520	3.00	26.00	8.12	1<T	22	5.8
81 05 20 1045		.3	1	4	296	490	1.30	23.50	8.56	1<T	34	6.2
81 06 10 1025		.3	1	5	273	470	1.80	18.00	8.36	1<T	35	7.1
81 07 29 1345		.3	1	21.9	292	420	1.50	17.50	8.27	1<T	68	6.6
81 08 11 1015		.3	1	19.4	296	440	1.87	19.50	8.11	1<T	14	6.2
81 09 01 1000		.3	1	54.9	344	500	3.40	19.50	7.85	1<T	26	7.7
81 10 28 1010		.3	1	69.0	335	540	13.20	18.50	8.15	1<T	12	8.4
81 11 25 0915		.3	1	3.7	353	595	2.20	19.50	8.43	1<T	24	7.3
81 12 03 1335		.3	1	15.3	316	540	14.90	16.50	8.34	1<T	34	6.0
MAXIMUM				**133.0**	**409**	**600.0**	**27.00**	**37.500**	**8.56**	**1**	**68**	**8.4**
ARITH MEAN				**30**	**333**	**522**	**6.59**	**21.91**	**8.17**	**1<A**	**30**	**6.6**
GEOM MEAN				**15**	**331**	**519**	**3.92**	**21.35**	**8.17**	**1<A**	**27**	**6.5**
MINIMUM				**3.7**	**273**	**420**	**1.30**	**16.50**	**7.68**	**1**	**12**	**4.7**
STD DEV (GEOM *)				**38**	**40**	**61**	**7.90**	**5.76**	**0.28**	**0<A**	**16**	**1.1**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **CANAGAGIGUE CREEK**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA023**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-016-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0537600.0 4825600.0 4** REGION: **02** DISTANCE: **202.128**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*
81 01 21 1012	.3	1		39029	6	0.420	410000C	2600000	48000	9000I		1.5	11.8
81 02 26 0946	.3	1		39070	6 3	6.880	7100	17000	2700	1130		0.5	13.4
81 03 31 0952	.3	1		39105	3	2.110	67000	51000	5200		70A	6.5	11.20
81 04 30 1012	.3	1		39146	8 6	1.150	6300	24000	450	640	20A		
81 05 21 0950	.3	1		39187	6 8	0.729	2300A	31500	420	120	10<	13.0	
81 06 18 1000	.3	1		39228	7	0.427	120000	560000	20000	1600	240	18.0	7.80
81 07 07 0948	.3			39269		0.424	4300A	70000	1200	330	130		
81 08 25 0957	.3	1		39310	7 5	0.416	18000	130000	2840	850	50A	17.5	6.50
81 09 16 0940	.3	1		39351	7 5	0.870	39000	95000	2700	760	160	15.5	7.30
81 10 21 0955	.3	1		39392	8 6 0	1.750	21000	54000	760	800	10<	7.8	9.60
81 11 12 0957	.3	1		39433	8 6	1.770	4200	6200	780	280	10<	3.5	11.80
81 12 08 0950	.3	1		39474	8 6	1.720	2200	6100	730	310	4	2.0	11.40
MAXIMUM						**6.880**	**410000**	**2600000**	**48000**	**9000**	**240**	**18.0**	**13.4**
ARITH MEAN						**1.555**	**58450**	**303733**	**7148**	**1438**	**96**	**8.6**	**10.0**
GEOM MEAN						**1.049**	**15542**	**58733**	**2157**	**696**	**54**	**5.3**	**9.8**
MINIMUM						**0.416**	**2200**	**6100**	**420**	**120**	**4**	**0.5**	**6.50**
STD DEV (GEOM *)						**1.790**	**5***	**6***	**4***	**3***	**4***	**6.9**	**2.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**12**	**11**	**7**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L
TEST-NAME:				*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*
81 01 21 1012	.3	1		6.5	0.455	0.175	2.200	3.880	0.052	4.250		6.502	1.680
81 02 26 0946	.3	1		2.3	0.262	0.140	0.600	1.700	0.060	7.740		8.400	1.100
81 03 31 0952	.3	1		2.4	0.273	0.170	0.880	2.25	0.091	10.900	11.000	11.871	1.370
81 04 30 1012	.3	1		2.2	0.150	0.075	0.880	1.59					0.710
81 05 21 0950	.3	1		4.0	0.098	0.043	0.010	1.20	0.008	6.49	6.50	6.508	1.190
81 06 18 1000	.3	1		2.2	0.195		0.010	2.72	0.008	5.49	5.50	5.508	2.710
81 07 07 0948	.3			4.4	0.258	0.095	0.008	0.95	0.023	4.13	4.15	4.161	0.942
81 08 25 0957	.3	1		4.2	0.105	0.075	0.030	2.60	0.004	4.300	4.300	4.334	2.570
81 09 16 0940	.3	1		4.8	0.240	0.053	0.006	1.25	0.006	4.440	4.450	4.452	1.244
81 10 21 0955	.3	1		2.6	0.195	0.110	0.004	1.38	0.040	5.350	5.750	5.394	1.376
81 11 12 0957	.3	1		4.6	0.172	0.048	0.012	2.02	0.010	5.990	6.000	6.012	2.008
81 12 08 0950	.3	1		1.4	0.388	0.070	0.004	1.25	0.080	8.420	8.500	8.504	1.246
MAXIMUM				**6.5**	**0.455**	**0.175**	**2.200**	**3.880**	**0.091**	**10.900**	**11.000**	**11.871**	**2.710**
ARITH MEAN				**3.5**	**0.233**	**0.096**	**0.387**	**1.89**	**0.035**	**6.13**	**6.23**	**6.513**	**1.512**
GEOM MEAN				**3.2**	**0.211**	**0.086**	**0.042**	**1.75**	**0.021**	**5.84**	**5.93**	**6.194**	**1.407**
MINIMUM				**1.4**	**0.098**	**0.043**	**0.004**	**0.95**	**0.004**	**4.13**	**4.15**	**4.161**	**0.710**
STD DEV (GEOM *)				**1.5**	**0.106**	**0.047**	**0.671**	**0.84**	**0.032**	**2.13**	**2.23**	**2.308**	**0.622**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**12**	**12**	**11**	**11**	**9**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*
81 01 21 1012	.3	1		8.182	846.00	41.00	805.00	1280.0	17.00	2.500	215.000	265.0	7.78
81 02 26 0946	.3	1		9.500	368.00	43.00	325.00	520.0	28.00	26.500	42.500	156.0	7.64
81 03 31 0952	.3	1		13.241		4	523	820	5.80	51.00	80.0	224	8.09
81 04 30 1012	.3	1				6	536	860	1.70	69.00	106.0	226	7.85
81 05 21 0950	.3	1		7.698		10	633	1000	3.50	90.00	172.0	199	7.85
81 06 18 1000	.3	1		8.218		7	636	1040	4.00	102.00	203.0	189	7.64
81 07 07 0948	.3			5.103		18	660	1040	3.00	106.00	152.0	189	7.79
81 08 25 0957	.3	1		6.904		10.5	595	960	1.15	104.00	141.0	163	7.38
81 09 16 0940	.3	1		5.696				820	16.00	66.00	126.0	194	7.47
81 10 21 0955	.3	1		6.770		14.0	518	760	3.50	54.00	114.0	231	7.90
81 11 12 0957	.3	1		8.020		19.7	415	680	7.60	41.00	79.0	228	7.96
81 12 08 0950	.3	1		9.750		12.5	446	780	10.20	39.00	74.0	270	8.17
MAXIMUM				**13.241**	**846.00**	**43.00**	**805.00**	**1280.0**	**28.00**	**106.00**	**215.000**	**270**	**8.17**
ARITH MEAN				**8.098**	**607.00**	**16**	**553**	**880**	**8.45**	**62.58**	**125.3**	**211**	**7.79**
GEOM MEAN				**7.844**	**557.97**	**13**	**538**	**858**	**5.62**	**47.57**	**114.1**	**208**	**7.79**
MINIMUM				**5.103**	**368.00**	**4**	**325.00**	**520.0**	**1.15**	**2.500**	**42.500**	**156.0**	**7.38**
STD DEV (GEOM *)				**2.219**	**338.00**	**13**	**132**	**198**	**8.09**	**33.16**	**53.4**	**35**	**0.23**
# SAMPLES (IN STATISTICS)				**11**	**2**	**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*PHNOL*	*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*ASUT*
81 01 21 1012	.3	1		5.000	1.500		95.000	28.500	70.000>	2.95	120.000	54	0.002
81 02 26 0946	.3	1		2.000	2.000		59.000	14.000	70.000>	4.25	5.000	14	0.001<
81 03 31 0952	.3	1		5	0.57	290	79.0	22.50	27.9	4.40	35.0	10	
81 04 30 1012	.3	1		6	0.19	284	74.0	24.00	16.6	3.55	64.0	2	
81 05 21 0950	.3	1		6	0.29	261	64.0	24.50	17.9	3.35	99.0	27	
81 06 18 1000	.3	1		5	0.80	290	75	25.00	24.6	3.45	105	27	
81 07 07 0948	.3			6	0.20	270	67.0	25.00	22.4	3.30	98.0	27	
81 08 25 0957	.3	1		4	0.80	249	60.6	23.80	22.0	3.50	96.0	20	
81 09 16 0940	.3	1		1 <T	1.64	268	65.4	25.40	23.8	4.35	66.5	65	
81 10 21 0955	.3	1		2	0.74	287	71.0	26.50	22.0	4.20	44.0	21	
81 11 12 0957	.3	1		3	1.35	327	89.0	25.50	28.7	3.55	32.0	0	
81 12 08 0950	.3	1		11	0.62	333	93.0	24.50	15.3	3.05	27.0	40	
MAXIMUM				**11**	**2.000**	**333**	**95.000**	**28.500**	**28.7**	**4.40**	**120.000**	**65**	**0.002**
ARITH MEAN				**4** <A	**0.89**	**286**	**74**	**24.10**	**22.1**	**3.66**	**65**	**28**	**0.002**
GEOM MEAN				**3** <A	**0.69**	**285**	**73**	**23.79**	**21.6**	**3.63**	**51**	**21**	
MINIMUM				**1**	**0.19**	**249**	**59.000**	**14.000**	**15.3**	**2.95**	**5.000**	**2**	**0.002**
STD DEV (GEOM *)				**2** <A	**0.59**	**27**	**12**	**3.50**	**4.4**	**0.51**	**37**	**19**	
# SAMPLES (IN STATISTICS)				**12**	**12**	**10**	**12**	**12**	**10**	**12**	**12**	**11**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 21 1012		.3	1	0.060<		0.002	0.006	0.011	0.0006	0.094	0.190	0.003 <	0.0005<
81 02 26 0946		.3	1	0.040	1.800	0.003	0.006	0.003<	0.0003	0.026	0.078	0.003 <	0.001 <
81 03 31 0952		.3	1	0.04 <	0.350	0.004	0.005	0.003<		0.012	0.054	0.002 <	
81 04 30 1012		.3	1				0.001<	0.003<		0.017	0.054	0.002 <	
81 05 21 0950		.3	1	0.08 <	0.140	0.002 <	0.001<	0.003<		0.001<	0.088	0.002 <	
81 06 18 1000		.3	1	0.05 <	0.016	0.0020<	0.005	0.003<		0.010	0.146	0.0030	
81 07 07 0948		.3		0.05	0.051	0.002 <	0.003	0.003<		0.026	0.072	0.002 <	
81 08 25 0957		.3	1	0.18	0.220	0.0030	0.008	0.003<		0.020	0.088	0.0040	
81 09 16 0940		.3	1	0.10	1.400	0.0060	0.011	0.003<		0.011	0.220	0.0030	
81 10 21 0955		.3	1	0.09	0.500	0.0030	0.008	0.006		0.015	0.096	0.0010<	
81 11 12 0957		.3	1	0.15	0.890	0.0050	0.013	0.009		0.018	0.150	0.0040	
81 12 08 0950		.3	1	0.14	0.310	0.004	0.009	0.003<		0.010	0.068	0.003	
MAXIMUM				**0.18**	**1.800**	**0.0060**	**0.013**	**0.011**	**0.0006**	**0.094**	**0.220**	**0.0040**	
ARITH MEAN				**0.10**	**0.568**	**0.003**	**0.007**	**0.009**	**0.0004**	**0.024**	**0.109**	**0.003**	
GEOM MEAN				**0.09**	**0.281**	**0.003**	**0.007**	**0.008**	**0.0004**	**0.018**	**0.098**	**0.003**	
MINIMUM				**0.040**	**0.016**	**0.002**	**0.003**	**0.006**	**0.0003**	**0.010**	**0.054**	**0.0030**	
STD DEV (GEOM *)				**0.05**	**0.606**	**0.001**	**0.003**	**0.003**	**0.0002**	**0.024**	**0.056**	**0.000**	
# SAMPLES (IN STATISTICS)				7	10	8	10	3	2	11	12	5	

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **BLOSSOM AVE BRIDGE NEWPORT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-024-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0561750.0 4771900.0 4** REGION: **02** DISTANCE: **78.856**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1204		.3	1	39005	6 4	2540	2200	70I	110	0.5	14.2	0.2	0.088
81 02 17 1113		.3	1	39046	6 3	17000	64000	40I	580	0.5	13.6	1.6	0.242
81 03 26 1204		.3	1	39087	8 6	2400	2200	220	20<	6.0	12.20	0.6	0.078
81 04 22 1150		.3	1	39128	8 6	200	6000>	10<	10<	9.00	12.00	1.6	0.040
81 05 07 1128		.3	1	39169		260	6000>	20A	10<	14.0	10.20	0.6	0.060
81 06 23 1120		.3	1	39210	3	1800	19600	350	240	19.5	8.60	1.4	0.150
81 07 21 1140		.3	1	39251	8	2100A	41000	220	680	22.8	7.40	1.8	0.112
81 08 19 1150		.3	1	39292	8 6	2000	15000	450	10A	21.0	9.20	0.8	0.288
81 09 23 1140		.3	1	39333		33000	110000	820	150	12.2	9.40	0.6	0.270
81 10 27 1125		.3	1	39374	3	2300	27000	140A	140A	7.0	11.30	1.0	0.075
81 11 05 1125		.3	1	39415	8 6	1900	1500	420	40A	8.2	11.50	1.4U	0.044
81 12 15 1120		.3	1	39456		220	2400	20A	10<	0.5	13.00	0.4	0.060
MAXIMUM						**33000**	**110000**	**820**	**680**	**22.8**	**14.2**	**1.8**	**0.288**
ARITH MEAN						**5477**	**28490**	**252**	**244**	**10.1**	**11.0**	**1.0**	**0.126**
GEOM MEAN						**1817**	**11486**	**140**	**131**	**5.4**	**10.8**	**0.8**	**0.100**
MINIMUM						**200**	**1500**	**20**	**10**	**0.5**	**7.40**	**0.2**	**0.040**
STD DEV (GEOM *)						**5***	**5***	**4***	**4***	**7.9**	**2.1**	**0.5**	**0.091**
# SAMPLES (IN STATISTICS)						12	10	11	8	12	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1204		.3	1	0.047	0.670	1.300	0.115	1.140		1.925	0.630	2.555	526.0
81 02 17 1113		.3	1	0.082	0.820	1.650	0.060	3.290		4.170	0.830	5.000	592.0
81 03 26 1204		.3	1	0.024	0.288	0.79	0.067	4.630	4.700	4.985	0.502	5.487	
81 04 22 1150		.3	1	0.004	0.110	0.73	0.048	3.000	3.050	3.158	0.620	3.778	
81 05 07 1128		.3	1	0.007	0.132	0.97	0.210	2.850	3.050	3.192	0.838	4.030	
81 06 23 1120		.3	1	0.043	0.006	0.90	0.002	2.100	2.100	2.108	0.894	3.002	
81 07 21 1140		.3	1	0.053	0.006	0.95	0.065	1.590	1.650	1.661	0.944	2.605	
81 08 19 1150		.3	1	0.060	0.014	0.78	0.077	1.520	1.600	1.611	0.766	2.377	
81 09 23 1140		.3	1	0.175	0.026	0.80	0.058	1.660	1.720	1.744	0.774	2.518	
81 10 27 1125		.3	1	0.030	0.042	0.92	0.001<T	3.750	3.750	3.793	0.878	4.671	
81 11 05 1125		.3	1	0.023	0.006	0.76	0.001<T	2.850	2.850	2.857	0.754	3.611	
81 12 15 1120		.3	1	0.018	0.164	1.02	0.001	3.15	3.150	3.315	0.856	4.171	
MAXIMUM				**0.175**	**0.820**	**1.650**	**0.210**	**4.630**	**4.700**	**4.985**	**0.944**	**5.487**	**592.0**
ARITH MEAN				**0.047**	**0.190**	**0.96**	**0.059<A**	**2.62**	**2.762**	**2.877**	**0.774**	**3.650**	**559.0**
GEOM MEAN				**0.031**	**0.057**	**0.93**	**0.019<A**	**2.42**	**2.599**	**2.688**	**0.763**	**3.511**	**558.0**
MINIMUM				**0.004**	**0.006**	**0.73**	**0.001**	**1.140**	**1.600**	**1.611**	**0.502**	**2.377**	**526.0**
STD DEV (GEOM *)				**0.046**	**0.274**	**0.26**	**0.060<A**	**1.04**	**1.009**	**1.095**	**0.130**	**1.057**	**46.7**
# SAMPLES (IN STATISTICS)				12	12	12	12	12	10	12	12	12	2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 22 1204		.3	1	13.0	513.0	780.0	4.20	51.000		7.99			
81 02 17 1113		.3	1	31.0	561.0	840.0	19.00	97.000		7.91			
81 03 26 1204		.3	1	8	492	800	3.70	66.0	226	8.20	0.002	0.003<	0.018
81 04 22 1150		.3	1	8	412	620	3.50	42.50	194	8.44	0.002	0.003<	0.024
81 05 07 1128		.3	1	16	439	680	2.00	51.50	188	8.15	0.001<	0.003<	0.009
81 06 23 1120		.3	1	35	346	640	3.30	46.00	180	8.41	0.004	0.003<	0.009
81 07 21 1140		.3	1			640	6.70	50.50	145	8.02	0.004	0.003<	0.008
81 08 19 1150		.3	1	23.4	423	620	1.20	46.50	177	8.50	0.008	0.003<	0.007
81 09 23 1140		.3	1	21.0	354	610	9.20	37.50	194	8.33	0.012	0.003<	0.016
81 10 27 1125		.3	1	18.0	383	600	9.20	27.50	237	8.33	0.012	0.011	0.013
81 11 05 1125		.3	1	11.8	433	640	2.80	32.50	239	8.29	0.009	0.003<	0.010
81 12 15 1120		.3	1	9.0	363	630	7.10	32.00	235	8.43	0.009	0.006	0.015
MAXIMUM				**35**	**561.0**	**840.0**	**19.00**	**97.000**	**239**	**8.50**	**0.012**	**0.011**	**0.024**
ARITH MEAN				**17**	**429**	**675**	**5.99**	**48.3**	**201**	**8.25**	**0.007**	**0.008**	**0.013**
GEOM MEAN				**15**	**424**	**670**	**4.61**	**45.6**	**199**	**8.25**	**0.006**	**0.008**	**0.012**
MINIMUM				**8**	**346**	**600**	**1.20**	**27.50**	**145**	**7.91**	**0.002**	**0.006**	**0.007**
STD DEV (GEOM *)				**9**	**69**	**82**	**4.89**	**18.6**	**32**	**0.20**	**0.004**	**0.004**	**0.005**
# SAMPLES (IN STATISTICS)				11	11	12	12	12	10	12	9	2	10

B.O.W./ SITE: **ALDER CREEK**
SAMPLE POINT: **AT MANNHEIM BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-026-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0536500.0 4804800.0 4** REGION: **02** DISTANCE: **188.288**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 14 1207	.3	1	39037	6 4	30C	170	10<	30I		0.5	11 8	2.2
81 02 18 1102	.3	1	39078	6 3	30000	230000	2300	11900		0.5	12 4	
81 03 24 1152	.3	1	39119	6 8	40A	1700	20<	20<	10<	7.0	11.60	1.6
81 04 29 1235	.3	1	39160	8 6	1500>	1500>	520	390	20	10.0		5.8
81 05 20 1155	.3	1	39201	7	400A	78000	60A	20A	4<	15.0	17.60	0.6
81 06 10 1140	.3	1	39242	7	4800A	91000	1150	1500>		15.5	9.20	0.8
81 07 29 1505	.3	1	39283	7	14000A	310000	2100	1600	10<	21.8	10.8	1.4
81 08 11 1135	.3	1	39324	7	5500A	69000	910	990	4<	20.8	11.60	1.2
81 09 01 1120	.3	1	39365	7	700A	104000	950	590	4<	20.0	10.00	0.8
81 10 28 1123	.3	1	39406	8 6	3700A	31000	160A	360	10<	8.5	12.50	1.4
81 11 25 1125	.3	1	39447	8 6	80A	1360	30A	10A	10<	0.5	14.40	0.6
81 12 03 1445	.3	1	39488	8 6	500A	6300	20A	140A	10<	3.5	14.40	1.2
MAXIMUM					**30000**	**310000**	**2300**	**11900**	**20**	**21.8**	**17.60**	**5.8**
ARITH MEAN					**5432**	**83866**	**820**	**1603**	**20**	**10.3**	**12.3**	**1.6**
GEOM MEAN					**947**	**20569**	**328**	**258**		**5.3**	**12.2**	**1.3**
MINIMUM					**30**	**170**	**20**	**10**	**20**	**0.5**	**9.20**	**0.6**
STD DEV (GEOM *)					11*	11*	6*	9*		**8.2**	**2.3**	**1.5**
# SAMPLES (IN STATISTICS)					11	11	10	10	1	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 14 1207	.3	1	1.620	1.480	4.200	5.800	0.725	11.000		15.925	1.600	17.525
81 02 18 1102	.3	1	0.855	0.560	2.460	4.950	0.150	4.000		6.610	2.490	9.100
81 03 24 1152	.3	1	1.140	0.975	0.730	1.48	0.125	11.100	11.250	11.955	0.750	12.705
81 04 29 1235	.3	1	1.000		0.220	1.61					1.390	
81 05 20 1155	.3	1	2.200	2.17	0.114	1.13	0.165	21.3	21.5	21.579	1.016	22.595
81 06 10 1140	.3	1	3.910	3.85	0.010	1.12	0.625	31.9	32.5	32.535	1.110	33.645
81 07 29 1505	.3	1	2.070		0.024	1.28	0.100	15.4	15.5	15.524	1.256	16.780
81 08 11 1135	.3	1	2.400	2.05	0.012	0.85	0.001	17.5	17.5	17.513	0.838	18.351
81 09 01 1120	.3	1	2.320	1.87	0.008	0.79	0.150	17.3	17.5	17.458	0.782	18.240
81 10 28 1123	.3	1	0.670	0.625	0.046	1.28	0.006	9.490	9.500	9.542	1.234	10.776
81 11 25 1125	.3	1	1.440	1.350	0.052	0.74	0.090	12.900	13.000	13.042	0.688	13.730
81 12 03 1445	.3	1			0.062	0.80	0.175	14.570	14.750	14.807	0.738	15.545
MAXIMUM			**3.910**	**3.85**	**4.200**	**5.800**	**0.725**	**31.9**	**32.5**	**32.535**	**2.490**	**33.645**
ARITH MEAN			**1.784**	**1.65**	**0.661**	**1.81**	**0.210**	**15.1**	**17.0**	**16.045**	**1.158**	**17.181**
GEOM MEAN			**1.578**	**1.40**	**0.096**	**1.39**	**0.086**	**13.5**	**15.9**	**14.847**	**1.076**	**16.180**
MINIMUM			**0.670**	**0.560**	**0.008**	**0.74**	**0.001**	**4.000**	**9.500**	**6.610**	**0.688**	**9.100**
STD DEV (GEOM *)			**0.934**	**1.00**	1.316	1.69	**0.238**	7.2	**6.8**	**6.823**	**0.511**	**6.664**
# SAMPLES (IN STATISTICS)			**11**	**9**	**12**	**12**	**11**	**11**	**9**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 14 1207	.3	1	569.0	10.0	559.0	920.0	5.50	51.000			7.84	
81 02 18 1102	.3	1	239.00	21.00	218.000	335.0	5.80	24.500			7.12	
81 03 24 1152	.3	1		9	503	780		58.00	63.0	239	8.03	1<T
81 04 29 1235	.3	1		10	496	720		49.00	55.0	225	8.20	1<T
81 05 20 1155	.3	1		4	533	850		78.00	58.0	198	8.85	1<T
81 06 10 1140	.3	1		5	631	920		87.00	72.0	183	8.20	1<T
81 07 29 1505	.3	1		15.0	540	640		71.0	74.0	199	8.40	1<T
81 08 11 1135	.3	1		7.6	592	860		85.00	76.0	208	8.31	1<T
81 09 01 1120	.3	1		13.1	592	840		63.00	76.0	219	8.12	1<T
81 10 28 1123	.3	1		5.0	520	770		51.00	97.0	270	8.30	1<T
81 11 25 1125	.3	1		6.9	566	880		82.00	79.0	254	8.37	1<T
81 12 03 1445	.3	1		5.1	482	820		68.00	75.0	247	8.47	1<T
MAXIMUM			**569.0**	**21.00**	**631**	**920.0**	**5.80**	**87.00**	**97.0**	**270**	**8.85**	**1**
ARITH MEAN			**404.0**	**9**	**519**	**777**	**5.65**	**63.9**	**72.5**	**224**	**8.18**	**1<A**
GEOM MEAN			**368.7**	**8**	**504**	**755**	**5.65**	**60.9**	**71.6**	**223**	**8.17**	**1<A**
MINIMUM			**239.00**	**4**	**218.000**	**335.0**	**5.50**	**24.500**	**55.0**	**183**	**7.12**	**1**
STD DEV (GEOM *)			**233.3**	**5**	**104**	**161**	**0.21**	**18.3**	**11.9**	**28**	**0.42**	**0<A**
# SAMPLES (IN STATISTICS)			**2**	**12**	**12**	**12**	**2**	**12**	**10**	**10**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C
81 03 24 1152	.3	1	0.40	89.0	23.00	6.20	31.0	67	5.0
81 04 29 1235	.3	1	0.31	77.0	21.00	6.50	27.0	25	7.1
81 05 20 1155	.3	1	0.12	78.0	25.00	8.10	43.0	36	5.7
81 06 10 1140	.3	1	0.10	77.0	26.00	11.10	50.0	21	3.4
81 07 29 1505	.3	1	0.40	70.0	22.50	10.70	41.0	26	7.5
81 08 11 1135	.3	1	0.11	65.0	25.00	10.70	43.0	16	5.6
81 09 01 1120	.3	1	0.18	78.2	23.80	9.40	38.5	20	5.1
81 10 28 1123	.3	1	0.26	95.0	23.50	9.20	26.0	4	8.5
81 11 25 1125	.3	1	0.30	100.0	21.50	9.30	44.0	22	4.6
81 12 03 1445	.3	1	0.25	95.0	23.50	7.80	33.0	7	5.0
MAXIMUM			**0.40**	**100.0**	**26.00**	**11.10**	**50.0**	**67**	**8.5**
ARITH MEAN			**0.24**	**82.4**	**23.48**	**8.90**	**37.6**	**24**	**5.7**
GEOM MEAN			**0.22**	**81.7**	**23.43**	**8.74**	**36.8**	**19**	**5.6**
MINIMUM			**0.10**	**65.0**	**21.00**	**6.20**	**26.0**	**4**	**3.4**
STD DEV (GEOM *)			**0.11**	**11.7**	**1.58**	**1.72**	**8.0**	**18**	**1.5**
# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**10**	**10**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT COCKSUTTS BRIDGE BRANTFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-027-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0561425.0 4773050.0 4** REGION: **02** DISTANCE: **92.535**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 22 1213		.3	1	39006	6	26.200	3550	5500	20I	160	0.5	14.6	0.2
81 02 17 1126		.3	1	39047	6 3	62.000	13000	73000	20<	1600	0.5	13.6	1.8
81 03 26 1209		.3	1	39088	6 8	33.100	1000	1900	20A	20A	6.0	13.00	
81 04 22 1214		.3	1	39129	8 6	41.100	1980	6000>	30A	10A	9.0	13.6	
81 05 07 1137		.3	1	39170	9	37.300	1020	6000>	100	20A	13.5	11.70	
81 06 23 1130		.3	1	39211	3	44.600	3100A	35000	330	110	20.0	10.20	
81 07 21 1152		.3	1	39252	8 6	24.200	500A	51000	280	240	23.3	8.60	
81 08 19 1202		.3	1	39293	7	23.700	5000	21000	630	50A	21.0	11.20	
81 09 23 1200		.3	1	39334	7	53.600	9900A	35000	390	240	12.5	10.80	
81 10 27 1135		.3	1	39375	3	116.000	2000	19000	120A	360	7.8	11.60	
81 11 05 1137		.3	1	39416	8 6	66.200	6000	4000	1940	20<	8.0	12.20	
81 12 15 1135		.3	1	39457		65.500	1700	5700	360	20A	0.5	13.00	
MAXIMUM						**116.000**	**13000**	**73000**	**1940**	**1600**	**23.3**	**14.6**	**1.8**
ARITH MEAN						**49.458**	**4062**	**25110**	**384**	**257**	**10.2**	**12.0**	**1.0**
GEOM MEAN						**44.282**	**2694**	**14578**	**184**	**88**	**5.5**	**11.8**	**0.6**
MINIMUM						**23.700**	**500**	**1900**	**20**	**10**	**0.5**	**8.60**	**0.2**
STD DEV (GEOM *)						**26.096**	**3***	**3***	**4***	**5***	**8.0**	**1.6**	**1.1**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**11**	**11**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 22 1213		.3	1	0.076	0.048	0.600	1.220	0.090	1.200		1.890	0.620	2.510
81 02 17 1126		.3	1	0.150	0.135	0.670	1.480	0.060	3.340		4.070	0.810	4.880
81 03 26 1209		.3	1	0.070	0.018	0.162	0.69	0.058	4.540	4.600	4.760	0.528	5.288
81 04 22 1214		.3	1	0.034	0.002	0.068	0.68	0.031	3.070	3.100	3.169	0.612	3.781
81 05 07 1137		.3	1	0.054	0.006	0.098	0.77	0.046	2.600	2.650	2.744	0.672	3.416
81 06 23 1130		.3	1	0.108	0.061	0.006	0.78	0.003	2.200	2.200	2.209	0.774	2.983
81 07 21 1152		.3	1	0.098	0.038	0.014	0.70	0.037	1.610	1.650	1.661	0.686	2.347
81 08 19 1202		.3	1	0.325	0.260	0.068	0.72	0.032	1.420	1.450	1.520	0.652	2.172
81 09 23 1200		.3	1	0.072	0.028	0.024	0.75	0.021	1.630	1.650	1.675	0.726	2.401
81 10 27 1135		.3	1	0.090	0.030	0.052	1.00	0.069	3.630	3.700	3.751	0.948	4.699
81 11 05 1137		.3	1	0.042	0.018	0.004	0.74	0.037	2.760	2.800	2.801	0.736	3.537
81 12 15 1135		.3	1	0.058	0.019	0.132	0.80	0.001	3.10	3.100	3.233	0.668	3.901
MAXIMUM				**0.325**	**0.260**	**0.670**	**1.480**	**0.090**	**4.540**	**4.600**	**4.760**	**0.948**	**5.288**
ARITH MEAN				**0.098**	**0.055**	**0.158**	**0.86**	**0.040**	**2.59**	**2.690**	**2.790**	**0.703**	**3.493**
GEOM MEAN				**0.081**	**0.028**	**0.059**	**0.83**	**0.026**	**2.40**	**2.525**	**2.612**	**0.695**	**3.348**
MINIMUM				**0.034**	**0.002**	**0.004**	**0.68**	**0.001**	**1.200**	**1.450**	**1.520**	**0.528**	**2.172**
STD DEV (GEOM *)				**0.078**	**0.073**	**0.229**	**0.24**	**0.026**	**1.01**	**0.998**	**1.047**	**0.108**	**1.059**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 22 1213		.3	1	515.0	6.0	509.0	780.0	2.40	50.500	8.06			
81 02 17 1126		.3	1	561.0	33.0	528.0	820.0	18.00	92.000	7.90			
81 03 26 1209		.3	1		8	478	780	2.40	53.00	8.28	1<T	2	3.9
81 04 22 1214		.3	1		4	412	630	2.00	43.00	8.41	1<T	59	5.1
81 05 07 1137		.3	1		7	428	660	1.00	48.50	8.38	1<T	40	5.6
81 06 23 1130		.3	1		20	386	620	3.70	45.00	8.24	1<T	33	5.7
81 07 21 1152		.3	1				640	3.00	45.00	8.14	1<T	18	5.6
81 08 19 1202		.3	1		8.5	365	600	5.40	43.50	8.59	1<T	14	5.2
81 09 23 1200		.3	1		9.3	354	600	2.30	36.00	8.30	1<T	53	6.4
81 10 27 1135		.3	1		27.0	407	600	4.40	28.50	8.27	1<T	16	6.0
81 11 05 1137		.3	1		8.1	435	640	3.40	32.50	8.54	1<T	16	6.5
81 12 15 1135		.3	1		9.2	344	620	7.30	30.50	8.35	1<T	2	5.8
MAXIMUM				**561.0**	**33.0**	**528.0**	**820.0**	**18.00**	**92.000**	**8.59**	**1**	**59**	**6.5**
ARITH MEAN				**538.0**	**12**	**422**	**665**	**4.61**	**45.86**	**8.29**	**1<A**	**25**	**5.6**
GEOM MEAN				**537.5**	**10**	**418**	**661**	**3.48**	**43.50**	**8.29**	**1<A**	**16**	**5.5**
MINIMUM				**515.0**	**4**	**344**	**600**	**1.00**	**28.50**	**7.90**	**1**	**2**	**3.9**
STD DEV (GEOM *)				**32.5**	**9**	**61**	**79**	**4.54**	**16.61**	**0.19**	**0<A**	**20**	**0.7**
# SAMPLES (IN STATISTICS)				**2**	**11**	**11**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT HIGHWAY NO 7 BRESLAU**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-028-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0546650.0 4814025.0 4** REGION: **02** DISTANCE: **171.873**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1004		.3	1	39032	6 4	300I	1000	20I	70I	0.5	12.8	1.0	0.057
81 02 18 0932		.3	1	39073	6 3	14000	180000	1920	3000>	0.5	12.4	6.0	0.362
81 03 24 1030		.3	1	39114	6 8	30A	210	20<	20<	3.0	12.40	0.6	0.027
81 04 29 1043		.3	1	39155	8 6	950	1500>	200	140	11.0		1.8	0.049
81 05 20 1020		.3	1	39196	6 8	1100A	48000	10A	10<	14.0	11.50	0.6	0.024
81 06 10 1010		.3	1	39237	8 6	290A	10000	56	72	17.0	7.40	0.2	0.060
81 07 29 1325		.3	1	39278	8 6	12000A	290000	2920	1500	19.0	10.20	1.0	0.071
81 08 11 1000		.3	1	39319	5	1300A	46000	270	300	22.0	6.80	1.8	0.062
81 09 01 0940		.3	1	39360	3 9	5000A	240000	4800	630	20.5	7.90	2.2	0.248
MAXIMUM						**14000**	**290000**	**4800**	**1500**	**22.0**	**12.8**	**6.0**	**0.362**
ARITH MEAN						**3886**	**101901**	**1274**	**452**	**11.9**	**10.1**	**1.7**	**0.107**
GEOM MEAN						**1129**	**22157**	**252**	**242**	**6.4**	**9.8**	**1.1**	**0.070**
MINIMUM						**30**	**210**	**10**	**70**	**0.5**	**6.80**	**0.2**	**0.024**
STD DEV (GEOM *)						**7***	**14***	**10***	**3***	**8.6**	**2.4**	**1.7**	**0.117**
# SAMPLES (IN STATISTICS)						**9**	**8**	**8**	**6**	**9**	**8**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1004		.3	1	0.028	0.294	1.080	0.058	2.140		2.492	0.786	3.278	408.00
81 02 18 0932		.3	1	0.170	0.960	2.580	0.076	3.620		4.656	1.620	6.276	448.00
81 03 24 1030		.3	1	0.012	0.090	0.63	0.023	3.480	3.500	3.593	0.540	4.133	
81 04 29 1043		.3	1	0.002	0.068	0.83	0.043	3.140	3.200	3.251	0.762	4.013	
81 05 20 1020		.3	1	0.005	0.070	0.71	0.044	2.060	2.100	2.174	0.640	2.814	
81 06 10 1010		.3	1	0.002	0.032	0.78	0.041	1.260	1.300	1.333	0.748	2.081	
81 07 29 1325		.3	1	0.014	0.008	0.84	0.077	1.370	1.450	1.455	0.832	2.287	
81 08 11 1000		.3	1	0.012	0.036	0.78	0.002	1.150	1.150	1.188	0.744	1.932	
81 09 01 0940		.3	1	0.086	0.004	1.48	0.011	3.790	3.800	3.805	1.476	5.281	
MAXIMUM				**0.170**	**0.960**	**2.580**	**0.077**	**3.790**	**3.800**	**4.656**	**1.620**	**6.276**	**448.00**
ARITH MEAN				**0.037**	**0.174**	**1.07**	**0.042**	**2.446**	**2.357**	**2.661**	**0.905**	**3.566**	**428.00**
GEOM MEAN				**0.014**	**0.055**	**0.97**	**0.029**	**2.220**	**2.122**	**2.394**	**0.849**	**3.302**	**427.53**
MINIMUM				**0.002**	**0.004**	**0.63**	**0.002**	**1.150**	**1.150**	**1.188**	**0.540**	**1.932**	**408.00**
STD DEV (GEOM *)				**0.056**	**0.308**	**0.61**	**0.026**	**1.074**	**1.123**	**1.233**	**0.376**	**1.499**	**28.28**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**7**	**9**	**9**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 14 1004		.3	1	6.00	402.00	640.0	2.30	26.500	48.500	245.0	7.86	1.000<	0.250
81 02 18 0932		.3	1	79.00	369.00	580.0	18.00	47.500	39.000	172.0	7.55	1.000	1.800
81 03 24 1030		.3	1	6	403	620	5.00	29.50	60.0	219	8.24	1 <T	0.27
81 04 29 1043		.3	1	8	356	520	2.00	26.50	49.5	184	8.09	1	0.15
81 05 20 1020		.3	1	3	313	485	1.80	24.00	49.0	164	8.62	1 <T	0.09
81 06 10 1010		.3	1	6	317	480	2.00	20.50	43.5	180	8.37	1 <T	0.22
81 07 29 1325		.3	1	21.4	283	440	2.60	21.00	35.0	170	8.22	1 <T	0.56
81 08 11 1000		.3	1	21.5	302	435	2.60	19.50	35.5	167	8.15	1 <T	0.53
81 09 01 0940		.3	1	79.3	355	500	5.40	25.00	43.0	185	7.80	1 <T	2.25
MAXIMUM				**79.3**	**403**	**640.0**	**18.00**	**47.500**	**60.0**	**245.0**	**8.62**	**1.000**	**2.25**
ARITH MEAN				**25**	**344**	**522**	**4.63**	**26.66**	**44.7**	**187**	**8.10**	**1 <A**	**0.68**
GEOM MEAN				**13**	**342**	**517**	**3.36**	**25.73**	**44.1**	**185**	**8.09**	**1 <A**	**0.39**
MINIMUM				**3**	**283**	**435**	**1.80**	**19.50**	**35.0**	**164**	**7.55**	**1.000**	**0.09**
STD DEV (GEOM *)				**31**	**43**	**74**	**5.18**	**8.46**	**7.9**	**27**	**0.32**	**0 <A**	**0.78**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*HARDT*	*CAUR*	*MGUR*	*COLAP*	*COD*	*DOC*	*ASUT*	*ALUT*	*CRUT*	*CUUT*
81 01 14 1004		.3	1				34.000	14		0.001<	0.140	0.001 <	0.003
81 02 18 0932		.3	1				34.000	34		0.001<	1.300	0.004	0.010
81 03 24 1030		.3	1	265	75.0	19.00		133	4.6		0.130	0.002 <	0.002
81 04 29 1043		.3	1	213	54.0	19.00		8	5.5				
81 05 20 1020		.3	1	225	58.0	19.50		38			0.054	0.002 <	0.003
81 06 10 1010		.3	1	201	51.0	18.00		21	7.0		0.130	0.0050	0.005
81 07 29 1325		.3	1	175	43.0	16.50		20	6.4		0.360	0.0020	0.003
81 08 11 1000		.3	1	167	38.0	17.50		14	6.3		0.360	0.0040	0.004
81 09 01 0940		.3	1	187	46.8	17.10		32	7.5		2.100	0.0060	0.013
MAXIMUM				**265**	**75.0**	**19.50**	**34.000**	**133**	**7.5**		**2.100**	**0.0060**	**0.013**
ARITH MEAN				**205**	**52.3**	**18.09**	**34.000**	**35**	**6.2**		**0.572**	**0.004**	**0.005**
GEOM MEAN				**202**	**51.2**	**18.06**	**34.000**	**25**	**6.1**		**0.286**	**0.003**	**0.004**
MINIMUM				**167**	**38.0**	**16.50**	**34.000**	**8**	**4.6**		**0.054**	**0.0020**	**0.002**
STD DEV (GEOM *)				**34**	**12.1**	**1.12**	**0.000**	**38**	**1.0**		**0.737**	**0.001**	**0.004**
# SAMPLES (IN STATISTICS)				**7**	**7**	**7**	**2**	**9**	**6**		**8**	**5**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 14 1004		.3	1	0.003	0.0002<	0.058	0.020	0.003	0.0005<
81 02 18 0932		.3	1	0.007	0.0004	0.040	0.132	0.003 <	0.001 <
81 03 24 1030		.3	1	0.003<	0.0002<	0.008		0.002 <	
81 04 29 1043		.3	1			0.000			
81 05 20 1020		.3	1	0.003<	0.0002<	0.002		0.002 <	
81 06 10 1010		.3	1	0.003<	0.0001<	0.003		0.0020	
81 07 29 1325		.3	1	0.008	0.0001<	0.010		0.0040	
81 08 11 1000		.3	1	0.018	0.0003	0.010		0.0020	
81 09 01 0940		.3	1	0.004<	0.0001	0.026		0.0070	
	MAXIMUM			**0.018**	**0.0004**	**0.058**	**0.132**	**0.0070**	
	ARITH MEAN			**0.009**	**0.0003**	**0.020**	**0.076**	**0.003**	
	GEOM MEAN			**0.007**	**0.0002**	**0.011**	**0.051**	**0.003**	
	MINIMUM			**0.003**	**0.0001**	**0.002**	**0.020**	**0.0020**	
	STD DEV (GEOM *)			**0.006**	**0.0002**	**0.020**	**0.079**	**0.002**	
	# SAMPLES (IN STATISTICS)			**4**	**3**	**8**	**2**	**5**	

B.O.W./ SITE: **CONESTOGO RIVER**
SAMPLE POINT: **AT WATERLOO COUNTY ROAD NO.22**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-029-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0539200.0 4819125.0 4** REGION: **02** DISTANCE: **193.500**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 0953		.3	1	39030	6 4	1500C	45000	300I	220	0.5	11.6	13.0	2.010
81 02 26 0926		.3	1	39071	6 3	5100	19500	320	1130	0.5	13.2	1.2	0.192
81 03 31 0936		.3	1	39104	3	21000	15000	2740		8.0	10.80	4.2	0.395
81 04 30 0955		.3	1	39145	9	1600	10900	240	120			1.8	0.063
81 05 21 0930		.3	1	39186	6 8	360A	8500	10A	30A	15.0		1.6	0.032
81 06 18 0940		.3	1	39227	9	500A	33000	110	50A	19.0	8.80	0.8	0.067
81 07 07 0930		.3	1	39268	9 7	270	1500>	70A	80A	23.5	8.20	0.8	0.060
81 08 25 0942		.3	1	39309	9	1000	23000	140	90A	19.5	8.80	1.4	0.041
81 09 16 0920		.3	1	39350	9	1400	17500	110	80A	16.5	9.00	1.2	0.047
81 10 21 0935		.3	1	39391	9	1700	19000	180	210	7.8	10.60	1.0	0.118
81 11 12 0940		.3	1	39432	9	320	420	20A	10A	3.0	12.60	1.6	0.032
81 12 08 0930		.3	1	39473	9	1400	5600	110	90A	1.5	12.20	0.6	0.080
	MAXIMUM					**21000**	**45000**	**2740**	**1130**	**23.5**	**13.2**	**13.0**	**2.010**
	ARITH MEAN					**3012**	**17947**	**362**	**192**	**10.4**	**10.5**	**2.4**	**0.261**
	GEOM MEAN					**1241**	**11972**	**133**	**94**	**5.5**	**10.4**	**1.8**	**0.097**
	MINIMUM					**270**	**420**	**10**	**10**	**0.5**	**8.20**	**0.8**	**0.032**
	STD DEV (GEOM *)					**3***	**4***	**4***	**3***	**8.5**	**1.8**	**3.5**	**0.560**
	# SAMPLES (IN STATISTICS)					**12**	**11**	**12**	**11**	**11**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 21 0953		.3	1	0.039	0.322	7.900	0.023	3.180		3.525	7.578	11.103	1505.0
81 02 26 0926		.3	1	0.087	0.236	1.150	0.080	5.670		5.986	0.914	6.900	327.0
81 03 31 0936		.3	1	0.155	0.372	2.35	0.210	10.300		10.882	1.978	12.860	
81 04 30 0955		.3	1	0.005	0.042	0.97	0.053				0.928		
81 05 21 0930		.3	1	0.010	0.012	0.72	0.085	2.86	2.950	2.957	0.708	3.665	
81 06 18 0940		.3	1	0.020	0.012	0.74	0.019	1.930	1.950	1.961	0.728	2.689	
81 07 07 0930		.3	1	0.015	0.004	0.72	0.007	1.490	1.500	1.501	0.716	2.217	
81 08 25 0942		.3	1	0.012	0.032	0.62	0.006	1.090	1.100	1.128	0.588	1.716	
81 09 16 0920		.3	1	0.012	0.034	0.80	0.024	1.130	1.150	1.188	0.766	1.954	
81 10 21 0935		.3	1	0.057	0.004	0.92	0.059	2.690	2.750	2.753	0.916	3.669	
81 11 12 0940		.3	1	0.004	0.050	1.78	0.018	2.530	2.550	2.598	1.730	4.328	
81 12 08 0930		.3	1	0.031	0.006	0.92	0.096	3.300	3.400	3.402	0.914	4.316	
	MAXIMUM			**0.155**	**0.372**	**7.900**	**0.210**	**10.300**	**3.400**	**10.882**	**7.578**	**12.860**	**1505.0**
	ARITH MEAN			**0.037**	**0.094**	**1.63**	**0.057**	**3.28**	**2.169**	**3.444**	**1.539**	**5.038**	**916.0**
	GEOM MEAN			**0.021**	**0.031**	**1.16**	**0.035**	**2.63**	**2.004**	**2.739**	**1.098**	**4.060**	**701.5**
	MINIMUM			**0.004**	**0.004**	**0.62**	**0.006**	**1.090**	**1.100**	**1.128**	**0.588**	**1.716**	**327.0**
	STD DEV (GEOM *)			**0.044**	**0.134**	**2.03**	**0.058**	**2.65**	**0.869**	**2.822**	**1.949**	**3.745**	**833.0**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**11**	**8**	**11**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 21 0953		.3	1	1127.0	378.0	620.0	110.00	2.750		7.49			
81 02 26 0926		.3	1	41.0	286.0	405.0	40.00	14.500		7.96			
81 03 31 0936		.3	1	128	373	560	74.00	27.50	180	7.67	0.006	0.003<	0.017
81 04 30 0955		.3	1	8	337	560	5.00	23.50	193	8.27	0.003	0.003<	0.049
81 05 21 0930		.3	1	5	247	435	1.50	19.50	151	8.42	0.001<	0.003<	0.001
81 06 18 0940		.3	1	23	264	440	7.00	17.00	169	8.35	0.001<	0.003<	0.003
81 07 07 0930		.3	1	8	270	410	5.00	18.00	158	8.21	0.002	0.003<	0.003
81 08 25 0942		.3	1	15.1	250	385	1.39	16.50	152	8.27	0.004	0.003	0.003
81 09 16 0920		.3	1			460	1.80	18.50	180	8.32	0.008	0.003<	0.008
81 10 21 0935		.3	1	13.0	347	500	2.80	20.00	206	8.36	0.004	0.003<	0.004
81 11 12 0940		.3	1	5.3	343	540	2.50	20.00	226	8.44	0.007	0.006	0.010
81 12 08 0930		.3	1	17.0	302	540	13.80	20.50	212	8.34	0.005	0.006	0.006
	MAXIMUM			**1127.0**	**378.0**	**620.0**	**110.00**	**27.50**	**226**	**8.44**	**0.008**	**0.006**	**0.049**
	ARITH MEAN			**126**	**308**	**487**	**22.07**	**18.18**	**183**	**8.17**	**0.005**	**0.005**	**0.010**
	GEOM MEAN			**22**	**305**	**482**	**7.24**	**16.42**	**181**	**8.17**	**0.004**	**0.005**	**0.006**
	MINIMUM			**5**	**247**	**385**	**1.39**	**2.750**	**151**	**7.49**	**0.002**	**0.003**	**0.001**
	STD DEV (GEOM *)			**333**	**48**	**75**	**35.22**	**5.91**	**26**	**0.31**	**0.002**	**0.002**	**0.014**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**10**	**12**	**8**	**3**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NITH RIVER**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-032-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0526050.0 4802400.0 4** REGION: **02** DISTANCE: **203.255**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1135	.3	1		39035	6 4	0.600	2100	2900	150	20I	0.5	11.2	1.6
81 02 18 1044	.3	1		39076	6 3	13.500	10000	240000	840	3000>	0.5	12.8	4.7
81 03 24 1132	.3	1		39117	6 8	3.200	60A	570	20<	20<	3.5	12.60	1.2
81 04 29 1158	.3	1		39158	3	15.500	2800	29000	340	520	10.0		1.6
81 05 20 1130	.3	1		39199	6 8	2.740	80A	5300	10<	10<	14.0	11.90	1.6
81 06 10 1117	.3	1		39240	8 6	1.010	320	1500>	60A	50A	19.0	7.60	1.6
81 07 29 1445	.3	1		39281	8 6	1.290	3600A	90000	1260	500	20.3	9.20	1.6
81 08 11 1110	.3	1		39322	8 6	0.902	100A	65000	100	70A	22.5	8.30	2.8
81 09 01 1055	.3	1		39363	3	15.100	13000A	470000	5400	790	19.8	8.80	2.2
81 10 28 1056	.3	1		39404	3	31.300	39000A	390000	4900	9800	8.0	10.60	2.4
81 11 25 1100	.3	1		39445	9	3.330	4800A	95000	660	280	0.5	12.40	1.6
81 12 03 1425	.3	1		39486	8 6	12.100	39000A	410000	2400	4800	2.0	12.20	2.0
MAXIMUM						**31.300**	**39000**	**470000**	**5400**	**9800**	**22.5**	**12.8**	**4.7**
ARITH MEAN						**8.381**	**9572**	**163434**	**1611**	**1870**	**10.0**	**10.6**	**2.1**
GEOM MEAN						**4.130**	**1953**	**47127**	**651**	**386**	**4.8**	**10.5**	**1.9**
MINIMUM						**0.600**	**60**	**570**	**60**	**20**	**0.5**	**7.60**	**1.2**
STD DEV (GEOM *)						**9.373**	**10***	**9***	**5***	**8***	**8.7**	**1.9**	**0.9**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**9**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 14 1135	.3	1		0.074	0.038	0.280	0.840	0.029	4.020		4.329	0.560	4.889
81 02 18 1044	.3	1		0.368	0.210	0.760	2.000	0.067	4.180		5.007	1.240	6.247
81 03 24 1132	.3	1		0.049	0.027	0.074	0.54	0.022	4.830	4.850	4.926	0.466	5.392
81 04 29 1158	.3	1		0.144	0.028	0.084	1.11	0.047	3.950	4.000	4.081	1.026	5.107
81 05 20 1130	.3	1		0.021	0.013	0.074	0.36	0.043		5.25		0.286	
81 06 10 1117	.3	1		0.065	0.023	0.008	0.90	0.073	0.775	0.850	0.856	0.892	1.748
81 07 29 1445	.3	1		0.170	0.055	0.060	1.02	0.075	0.515	0.590	0.650	0.960	1.610
81 08 11 1110	.3	1		0.098	0.021	0.008	0.92	0.001<T	0.490	0.490	0.499	0.912	1.411
81 09 01 1055	.3	1		0.385	0.215	0.008	1.72	0.076	6.67	6.75	6.754	1.712	8.466
81 10 28 1056	.3	1		0.380	0.135	0.022	1.52	0.007	4.190	4.200	4.219	1.498	5.717
81 11 25 1100	.3	1		0.144	0.092	0.116	1.00	0.030	4.570	4.600	4.716	0.884	5.600
81 12 03 1425	.3	1		0.228	0.105	0.110	1.18	0.080	5.670	5.750	5.860	1.070	6.930
MAXIMUM				**0.385**	**0.215**	**0.760**	**2.000**	**0.080**	**6.67**	**6.75**	**6.754**	**1.712**	**8.466**
ARITH MEAN				**0.177**	**0.080**	**0.134**	**1.09**	**0.046<A**	**3.62**	**3.73**	**3.809**	**0.959**	**4.829**
GEOM MEAN				**0.129**	**0.054**	**0.055**	**0.99**	**0.030<A**	**2.65**	**2.67**	**2.836**	**0.867**	**4.149**
MINIMUM				**0.021**	**0.013**	**0.008**	**0.36**	**0.001**	**0.490**	**0.490'**	**0.499**	**0.286**	**1.411**
STD DEV (GEOM *)				**0.133**	**0.073**	**0.211**	**0.46**	**0.028<A**	**2.10**	**2.27**	**2.158**	**0.407**	**2.302**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**11**	**10**	**11**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*CUUT*	*PBUT*
81 01 14 1135	.3	1		466.0	9.0	457.0	720.0	4.80	25.500		7.69		
81 02 18 1044	.3	1		384.00	60.00	324.00	490.0	25.00	31.000		7.58		
81 03 24 1132	.3	1			7	381	600	5.60	24.00	230	8.10	0.003	0.003<
81 04 29 1158	.3	1			45	353	490	32.00	21.00	192	8.02	0.003	0.003<
81 05 20 1130	.3	1			12	363	510	0.75	22.50	216	8.47	0.004	0.003<
81 06 10 1117	.3	1			18	309	520	8.00	25.00	186	8.13	0.005	0.003<
81 07 29 1445	.3	1			41.6	317	460	11.00	25.50	169	8.02	0.009	0.007
81 08 11 1110	.3	1			33.8	301	480	4.10	14.00	172	8.41	0.006	0.012
81 09 01 1055	.3	1			86.2	300	400	29.00	14.50	137	7.59	0.016	0.003<
81 10 28 1056	.3	1			141.0	350	520	88.00	17.00	226	8.06	0.009	0.003<
81 11 25 1100	.3	1			7.7	390	600	9.50	23.00	247	8.24	0.007	0.008
81 12 03 1425	.3	1			40.4	349	580	45.00	20.00	236	8.09	0.005	0.003<
MAXIMUM				**466.0**	**141.0**	**457.0**	**720.0**	**88.00**	**31.000**	**247**	**8.47**	**0.016**	**0.012**
ARITH MEAN				**425.0**	**41**	**349**	**530**	**21.90**	**21.91**	**201**	**8.03**	**0.007**	**0.009**
GEOM MEAN				**423.0**	**27**	**346**	**525**	**11.67**	**21.37**	**198**	**8.03**	**0.006**	**0.009**
MINIMUM				**384.00**	**7**	**300**	**400**	**0.75**	**14.00**	**137**	**7.58**	**0.003**	**0.007**
STD DEV (GEOM *)				**57.9**	**39**	**45**	**83**	**24.96**	**4.95**	**35**	**0.29**	**0.004**	**0.003**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 03 24 1132	.3	1		0.003
81 04 29 1158	.3	1		0.014
81 05 20 1130	.3	1		0.003
81 06 10 1117	.3	1		0.004
81 07 29 1445	.3	1		0.015
81 08 11 1110	.3	1		0.010
81 09 01 1055	.3	1		0.036
81 10 28 1056	.3	1		0.023
81 11 25 1100	.3	1		0.008
81 12 03 1425	.3	1		0.008
MAXIMUM				**0.036**
ARITH MEAN				**0.012**
GEOM MEAN				**0.009**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.010**
# SAMPLES (IN STATISTICS)				**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NITH RIVER**
SAMPLE POINT: **FIRST BRIDGE DOWNSTREAM FROM AYR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-033-02**
STORET CODE: **02 003 0150**

LAT: LONG. U T M: **17 0542840.0 4791450.0 4** REGION: **02** DISTANCE: **170.264**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 22 1449		.3	1	39011	6 4	3000>	3000	190	600	0.5	13.2	0.2	0.089
81 02 17 1448		.3	1	39052	4 3	46000	120000	140I	1560	0.5	12.6	3.1	0.168
81 03 26 1349		.3	1	39093	6 8	200A	600A	20<	20<	5.5	14.00		0.040
81 04 22 1505		.3	1	39134	8 6	10500	30000	60A	130	10.0			0.058
81 05 07 1440		.3	1	39175	8 6	340	2700	10<	20A	14.0	15.80		0.039
81 06 23 1445		.3	1	39216	3	650A	11000	260	170	19.0	11.60		0.095
81 07 21 1455		.3	1	39257	9	1000A	34000	290	310	22.5	10.70		0.073
81 08 19 1512		.3	1	39298	8	2300	17000	40A	20A	21.8	12.80		0.104
81 09 23 1505		.3	1	39339	8	1300	11000	60A	60A	11.0	13.20		0.032
81 10 27 1445		.3	1	39380	8 6	23000	270000	800	940	7.2	10.80		0.128
81 11 05 1345		.3	1	39421	8 6	200A	1400	40A	100A	8.0	12.80		0.150
81 12 15 1425		.3	1	39462	8 6	40A	420	10<	10A	0.5	12.80		0.056
MAXIMUM						**46000**	**270000**	**800**	**1560**	**22.5**	**15.80**	**3.1**	**0.168**
ARITH MEAN						**7775**	**41760**	**209**	**356**	**10.0**	**12.7**	**1.6**	**0.086**
GEOM MEAN						**1251**	**8724**	**128**	**127**	**5.4**	**12.6**	**0.8**	**0.075**
MINIMUM						**40**	**420**	**40**	**10**	**0.5**	**10.70**	**0.2**	**0.032**
STD DEV (GEOM *)						**9***	**8***	**3***	**5***	**8.0**	**1.4**	**2.1**	**0.045**
# SAMPLES (IN STATISTICS)						**11**	**12**	**9**	**11**	**12**	**11**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 22 1449		.3	1	0.064	0.150	0.480	0.032	4.750		4.932	0.330	5.262	515.0
81 02 17 1448		.3	1	0.078	0.440	1.350	0.046	4.550		5.036	0.910	5.946	465.0
81 03 26 1349		.3	1	0.021	0.034	0.49	0.016	4.630	4.650	4.680	0.456	5.136	
81 04 22 1505		.3	1	0.015	0.084	0.73	0.028	3.470	3.500	3.582	0.646	4.228	
81 05 07 1440		.3	1	0.014	0.086	0.70	0.038	3.560	3.600	3.684	0.614	4.298	
81 06 23 1445		.3	1	0.052	0.006	0.82	0.004	2.250	2.250	2.260	0.814	3.074	
81 07 21 1455		.3	1	0.019	0.080	0.67	0.016	2.230	2.250	2.326	0.590	2.916	
81 08 19 1512		.3	1	0.035	0.056	0.23	0.014	2.190	2.200	2.260	0.174	2.434	
81 09 23 1505		.3	1	0.019	0.068	0.58	0.010	2.550	2.560	2.628	0.512	3.140	
81 10 27 1445		.3	1	0.079	0.036	0.85	0.036	4.760	4.800	4.832	0.814	5.646	
81 11 05 1345		.3	1	0.125	0.012	0.61	0.028	4.320	4.350	4.360	0.598	4.958	
81 12 15 1425		.3	1	0.025	0.006	0.44	0.042	4.960	5.000	5.008	0.434	5.442	
MAXIMUM				**0.125**	**0.440**	**1.350**	**0.046**	**4.960**	**5.000**	**5.036**	**0.910**	**5.946**	**515.0**
ARITH MEAN				**0.046**	**0.088**	**0.66**	**0.026**	**3.685**	**3.516**	**3.799**	**0.574**	**4.373**	**490.0**
GEOM MEAN				**0.035**	**0.045**	**0.61**	**0.021**	**3.513**	**3.343**	**3.619**	**0.530**	**4.204**	**489.4**
MINIMUM				**0.014**	**0.006**	**0.23**	**0.004**	**2.190**	**2.200**	**2.260**	**0.174**	**2.434**	**465.0**
STD DEV (GEOM *)				**0.036**	**0.118**	**0.27**	**0.014**	**1.117**	**1.140**	**1.159**	**0.212**	**1.209**	**35.4**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 22 1449		.3	1	5.0	510.0	740.0	2.20	23.000	8.02			
81 02 17 1448		.3	1	42.0	423.0	600.0	11.00	30.500	7.67			
81 03 26 1349		.3	1	6	425	660	1.90	23.50	8.25	1<T	2	2.9
81 04 22 1505		.3	1	4	404	610	2.50	24.50	8.37	1<T	19	4.8
81 05 07 1440		.3	1	5	395	600	1.50	27.50	8.41	1<T	23	4.8
81 06 23 1445		.3	1	16	423	640	2.20	22.50	8.29	1<T	29	5.2
81 07 21 1455		.3	1			640	2.30	25.00	8.23	1<T	20	3.6
81 08 19 1512		.3	1	3.9	419	600	2.20	23.00	8.38	1<T	19	3.0
81 09 23 1505		.3	1	2.5	421	660	1.12	23.00	8.37	1<T	10	4.3
81 10 27 1445		.3	1	15.0	406	600	9.60	20.50	8.22	1<T	24	6.3
81 11 05 1345		.3	1	6.6	472	680	2.20	22.00	8.40	1<T	14	4.4
81 12 15 1425		.3	1	10.0	432	720	3.50	24.00	8.50	1<T		3.1
MAXIMUM				**42.0**	**510.0**	**740.0**	**11.00**	**30.500**	**8.50**	**1**	**29**	**6.3**
ARITH MEAN				**10**	**430**	**645**	**3.52**	**24.08**	**8.26**	**1<A**	**18**	**4.2**
GEOM MEAN				**7**	**428**	**644**	**2.71**	**23.95**	**8.26**	**1<A**	**15**	**4.1**
MINIMUM				**2.5**	**395**	**600.0**	**1.12**	**20.50**	**7.67**	**1**	**2**	**2.9**
STD DEV (GEOM *)				**11**	**33**	**48**	**3.23**	**2.65**	**0.22**	**0<A**	**8**	**1.1**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**10**	**9**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **SPEED RIVER**
SAMPLE POINT: **EDINBOROUGH STREET GUELPH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-034-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0559650.0 4818999.0 4** REGION: **02** DISTANCE: **172.678**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 20 0933		.3	1	39013	6	120	1100	20I	10<	0.5	14.0	0.6	0.032
81 02 25 0953		.3	1	39054	6 3	7100	19000	60I	230	0.5	13.6	1.5	0.085
81 03 25 1019		.3	1	39095	8 6	50A	1500	10<	10<	4.0	15.40		0.014
81 04 28 1030		.3	1	39136	8 6	21000	160000	1050	1420	10.5	11.00		0.060
81 05 13 1004		.3	1	39177	3	660	3000>	60A	60A	9.5	11.60		0.027
81 06 16 0935		.3	1	39218	8 6	2200A	110000	180	110	21.5	11.20		0.042
81 07 14 0957		.3	1	39259	8	1800A	51000	40A	70A	22.3	10.20		0.036
81 08 06 0940		.3	1	39300	8 6	1100	25000	100A	160A	21.0	9.50		0.285
81 09 10 0930		.3	1	39341	8 6	1600A	56000	190	130	16.5	10.00		0.038
81 10 14 1015		.3	1	39382	8 6	1000A	35000	120	60A	8.8	12.20		0.036
81 11 19 0920		.3	1	39423	8 6	900A	6700	130	80A	5.0	12.00		0.062
81 12 10 0935		.3	1	39464	8 6	260A	3400	110	30A	0.5	13.30		0.032
MAXIMUM						**21000**	**160000**	**1050**	**1420**	**22.3**	**15.40**	**1.5**	**0.285**
ARITH MEAN						**3149**	**42609**	**187**	**235**	**10.0**	**12.0**	**1.0**	**0.062**
GEOM MEAN						**997**	**16866**	**105**	**116**	**5.2**	**11.8**	**0.9**	**0.045**
MINIMUM						**50**	**1100**	**20**	**30**	**0.5**	**9.50**	**0.6**	**0.014**
STD DEV (GEOM *)						**5***	**5***	**3***	**3***	**8.4**	**1.7**	**0.6**	**0.073**
# SAMPLES (IN STATISTICS)						**12**	**11**	**11**	**10**	**12**	**12**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 0933		.3	1	0.003	0.122	0.650	0.014	1.200		1.336	0.528	1.864	347.0
81 02 25 0953		.3	1	0.023	0.228	1.050	0.030	2.370		2.628	0.822	3.450	299.0
81 03 25 1019		.3	1	0.005	0.034	0.41	0.009	2.390	2.400	2.433	0.376	2.809	
81 04 28 1030		.3	1	0.011	0.088	0.58	0.024	1.230	1.250	1.342	0.492	1.834	
81 05 13 1004		.3	1	0.006	0.044	0.55	0.027	1.020	1.050	1.091	0.506	1.597	
81 06 16 0935		.3	1	0.016	0.004	0.60	0.052	1.000	1.050	1.056	0.596	1.652	
81 07 14 0957		.3	1	0.010	0.024	0.65	0.086	0.715	0.800	0.825	0.626	1.451	
81 08 06 0940		.3	1	0.037	0.004	0.48	0.010	0.760	0.770	0.774	0.476	1.250	
81 09 10 0930		.3	1	0.007	0.054	0.70	0.025	0.605	0.630	0.684	0.646	1.330	
81 10 14 1015		.3	1	0.004	0.066	0.63	0.043	0.525	0.570	0.634	0.564	1.198	
81 11 19 0920		.3	1	0.002	0.094	0.82	0.038	1.140	1.150	1.272	0.726	1.998	
81 12 10 0935		.3	1	0.002	0.028	0.58	0.033	1.470	1.500	1.531	0.552	2.083	
MAXIMUM				**0.037**	**0.228**	**1.050**	**0.086**	**2.390**	**2.400**	**2.628**	**0.822**	**3.450**	**347.0**
ARITH MEAN				**0.010**	**0.066**	**0.64**	**0.033**	**1.202**	**1.117**	**1.300**	**0.576**	**1.876**	**323.0**
GEOM MEAN				**0.007**	**0.039**	**0.62**	**0.027**	**1.078**	**1.024**	**1.178**	**0.565**	**1.786**	**322.1**
MINIMUM				**0.002**	**0.004**	**0.41**	**0.009**	**0.525**	**0.570**	**0.634**	**0.376**	**1.198**	**299.0**
STD DEV (GEOM *)				**0.010**	**0.063**	**0.16**	**0.021**	**0.616**	**0.535**	**0.642**	**0.119**	**0.665**	**33.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 20 0933		.3	1	9.0	338.0	560.0	3.80	24.000	8.04			
81 02 25 0953		.3	1	27.0	272.0	425.0	3.80	21.000	7.82			
81 03 25 1019		.3	1	2	387	620	1.00	41.00	8.25	1<T	16	3.9
81 04 28 1030		.3	1	20	353	570	7.00	76.00	8.21	1	21	4.6
81 05 13 1004		.3	1	7	317	510	2.00	29.50	8.47	1<T	21	5.7
81 06 16 0935		.3	1	3	352	530	1.40	30.50	8.51	1<T	19	5.5
81 07 14 0957		.3	1	2	334	560	1.50	40.50	8.33	1<T	28	7.2
81 08 06 0940		.3	1	2.7	374	540	1.22	32.50	8.21	1<T	24	5.6
81 09 10 0930		.3	1	4.0	357	540	1.68	28.00	8.16	1<T	31	9.3
81 10 14 1015		.3	1	8.0	323	520	2.50	25.00	8.61	1<T	23	7.5
81 11 19 0920		.3	1	9.2	361	540	2.80	26.50	8.32	1<T	19	7.5
81 12 10 0935		.3	1	4.6	339	560	2.20	27.00	8.48	1<T	25	6.8
MAXIMUM				**27.0**	**387**	**620**	**7.00**	**76.00**	**8.61**	**1**	**31**	**9.3**
ARITH MEAN				**8**	**342**	**539**	**2.57**	**33.45**	**8.28**	**1<A**	**23**	**6.4**
GEOM MEAN				**5**	**341**	**537**	**2.21**	**31.43**	**8.28**	**1<A**	**22**	**6.2**
MINIMUM				**2**	**272.0**	**425.0**	**1.00**	**21.000**	**7.82**	**1**	**16**	**3.9**
STD DEV (GEOM *)				**7**	**29**	**45**	**1.67**	**14.70**	**0.22**	**0<A**	**4**	**1.6**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGE IN DUNNVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-035-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0612660.0 4750440.0 4** REGION: **02** DISTANCE: **7.725**

SAMP DTE YR MO DY	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:						*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 13	1030			.3	1	38300	4	10<	10I		1.0	10.8	0.6	0.059	0.036
81 02 02	1020			.3	1	38343	4				1.3	7.0		0.201	
81 02 19	0955			.3	1	38385	3				2.5	12.20		0.258	0.090
81 02 20	1700			.3	1	51800		60		4<				0.325	0.089
81 02 21	0800			.3	1	51801		108		12				0.398	0.098
	1230			.3	1	51802		136		4				0.465	0.090
	1745			.3	1	51803		124		8				0.510	0.087
81 02 22	0800			.3	1	51804		180		10I				1.200	0.062
	1730			.3	1	51805		170		4				0.140	0.067
81 02 23	1700			.3	1	51806		64		8				0.321	0.100
81 02 24	0925			.3	1	38390	3				3.5	12.70		0.332	
	1000			.3	1	51807		88		4<				0.390	0.084
	1700			.3	1	51808		40		4<				0.442	0.070
81 02 25	1630			.3	1	51809								0.510	0.110
81 02 26	1700			.3	1	51810								0.260	0.080
81 02 27	1745			.3	1	51811								0.168	0.068
81 02 28	1045			.3	1	51812		8		4<				0.150	0.060
81 03 01	1000			.3	1	51813		4		4<				0.120	0.059
81 03 02	1700			.3	1	51814		12		4<				0.148	0.051
81 03 03	0805			.3	1	38395	3				3.0	12.10		0.102	
	1700			.3	1	51815		4		4<				0.115	0.049
81 03 04	1700			.3	1	51816		4		4<				0.113	0.054
81 03 06	1800			.3	1	51817		4<		4<				0.100	0.050
81 03 07	1700			.3	1	51818		4<		4<				0.098	0.048
81 03 08	1015			.3	1	51819		4<		4<				0.085	0.047
81 03 09	1000			.3	1	38402	6				4.0	13.00		0.088	
	1700			.3	1	51820								0.088	0.044
81 03 15	1015			.3	1	51821		4		4<				0.165	0.036
81 03 16	1010			.3	1	38410	6				4.0	12.00		0.100	0.035
81 03 24	0950			.3	1	38415	6				3.5	11.0		0.070	
81 03 30	1025			.3	1	38452	3				9.5	10.50		0.073	
81 04 03	1900			.3	1	51822		4		4				0.132	0.019
81 04 04	1900			.3	1	51823		4<		4<				0.082	0.020
81 04 05	1000			.3	1	51824		4		4<				0.122	0.023
81 04 06	1700			.3	1	51825		4		4<				0.084	0.017
81 04 07	0950			.3	1	38457	3				12.0	10.20		0.097	
	1645			.3	1	51826		4<		4<				0.121	0.011
81 04 08	1600			.3	1	51827		4<		4<					0.010
81 04 13	1105			.3	1	38461	6				12.0	13.20		0.106	
81 04 21	1010			.3	1	38473	3				11.5	13.10		0.096	
81 04 26	1930			.3	1	51828		4<		4<	10.5			0.116	0.002
81 04 28	1110			.3	1	38484	6				9.0	11.20		0.128	0.012
81 05 01	1915			.3	1	51829		4<		4<	12.0				
81 05 03	1115			.3	1	51830		4<		4<	12.5			0.089	
81 05 04	1930			.3	1	51831		10<						0.026	0.002
81 05 05	1715			.3	1	51832		10<						0.071	0.004
81 05 13	1700			.3	1	51833		4<		4<				0.125	0.007
81 05 14	1915			.3	1	51834		4<		4<				6.400	
81 05 15	1915			.3	1	51835		4<		4<				0.099	0.016
81 05 16	1915			.3	1	51836		4<		4<				0.096	0.015
81 05 17	1030			.3	1	51837								0.096	0.012
81 05 18	1930			.3	1	51838		4<		4<				0.094	0.006
81 05 21	0925			.3	1	38540	8				15.0	9.80		0.099	0.022
81 06 07	1030			.3	1	51839					21.0			0.138	0.031
81 06 14	1500			.3	1	51840		4<		4<	22.0			0.105	0.040
81 06 16	1015			.3	1	38569	8				25.5	9.10		0.118	0.032
81 06 21	1130			.3	1	51841		4		600>	22.5			0.138	0.044
81 06 28	0930			.3	1	51842					22.0			0.043	0.022
81 07 13	1200			.3	1	51843					26.0				
81 07 20	0930			.3	1	51844					26.2			0.142	0.036
81 07 27	0845			.3	1	51845					22.0			0.128	0.027
81 07 28	0935			.3	1	38602	8				20.0	7.40		0.138	0.014
81 08 03	1715			.3	1	51846								0.078	0.034
81 08 10	0830			.3	1	51847					23.5				
81 08 17	0830			.3		51848					20.0			0.148	0.037
81 08 24	0830			.3	1	51849					21.0				0.033
81 08 31	0900			.3	1	51850					22.0			0.138	0.032
	1015			.3	1	38674	8				22.5	8.90		0.100	0.033
81 09 03	1800			.3	1	51851					22.5			0.098	0.030
81 09 04	0800			.3	1	51852					21.5			0.170	0.053
81 09 08	0900			.3	1	51853					20.0			0.220	0.090
	1400			.3	1	51854					20.0			0.215	0.086
81 09 09	1600			.3	1	51855					18.5			0.210	0.081
81 09 14	0900			.3	1	51856					20.0			0.160	0.055
81 09 21	0900			.3	1	51857					15.0			0.138	0.034
81 09 24	1020			.3	1	38706	3				12.0	8.40		0.108	0.034
81 09 28	0930			.3	1	51858					15.5			0.135	0.045
81 10 05	0900			.3	1	51859					10.5			0.072	0.027
81 10 08	1025			.3	1	38753	3				8.5	10.20		0.088	
	1500			.3	1	51860					10.2			0.132	0.041
81 10 09	1500			.3	1	51861					10.0			0.091	0.016
81 10 10	0900			.3	1	51862					9.5			0.091	0.021
81 10 12	0900			.3	1	51863					9.0			0.200	0.075
81 10 19	0900			.3	1	51864					8.0			0.122	0.029
81 10 20	0850			.3	1	38784	3	240	90A		6.5	8.10		0.112	0.007
	1600			.3	1	51865					9.0			0.101	0.020
81 10 21	0400			.3	1	51866					8.5			0.100	0.017
81 10 24	0900			.3	1	51867					5.0			0.077	0.021
81 10 25	0900			.3	1	51868					6.0			0.098	0.030
81 10 26	0900			.3	1	51869					7.0			0.172	0.036
81 10 27	0800			.3	1	51870					7.5			0.138	0.036
81 10 28	1600			.3	1	51871								0.138	0 052
81 10 29	1600			.3	1	51872					8.0			0.152	0.050
81 10 30	0900			.3	1	51873					8.0			0.148	0.045
81 10 31	1600			.3	1	51874					8.5			0.152	0.060
81 11 01				.3	1	51875					8.0			0.142	0.056
81 11 02	0900			.3	1	51876					8.0			0.120	0.049
81 11 03	0900			.3	1	51877					8.5			0.110	0.048
81 11 04	0800			.3	1	51878					9.0			0.105	0.035
81 11 05	0940			.3	1	38797	8				7.0	11.80		0.085	
81 11 09	0800			.3	1	51879					8.0			0.080	0.024

(CONTD)

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGE IN DUNNVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-035-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0612660.0 4750440.0 4** REGION: **02** DISTANCE: **7.725**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:		*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*		
81 11 15 1500		.3	1	51880				6.0				0.058	0.014
81 11 20		.3	1	51881				5.0				0.055	0.012
1300		.3	1	51883				3.0				0.075	0.029
1400		.3	1	51882				4.0				0.055	0.012
1500		.3	1	51884				3.0				0.088	0.035
81 11 24 1500		.3	1	51885				3.0				0.072	0.022
81 11 25 1500		.3	1	51886				3.0				0.068	0.018
81 11 29 1600		.3	1	51886				2.0				0.052	0.014
81 11 30 0925		.3	1	38836	8			2.0	13.80			0.052	0.017
1200		.3	1	51887				2.0				0.055	0.013
81 12 01 1500		.3	1	51888								0.155	0.100
81 12 02 1300		.3	1	51889				2.0				0.075	0.014
81 12 03 1400		.3	1	51890				2.0				0.075	0.023
81 12 04 1200		.3	1	51819				2.0				0.052	0.022
81 12 06 1600		.3	1	51892				1.0				0.060	0.020
81 12 14 1000		.3	1	51893				0.0				0.045	0.018
81 12 17 0935		.3	1	38882	8			0.5	13.80			0.102	
81 12 19 1400		.3	1	51894				0.5				0.060	0.023
81 12 28 1300		.3	1	51896								0.090	0.019
81 12 30 1040		.3	1	38889	8			4.0	13.30			0.078	0.028
MAXIMUM						**240**	**90**	**12**	**26.2**	**13.80**	**0.6**	**6.400**	**0.110**
ARITH MEAN						**63**	**50**	**7**	**10.5**	**10.9**	**0.6**	**0.198**	**0.039**
GEOM MEAN						**23**	**30**	**7**	**7.4**	**10.7**		**0.121**	**0.030**
MINIMUM						**4**	**10**	**4**	**0.5**	**7.0**	**0.6**	**0.026**	**0.002**
STD DEV (GEOM *)						**5***	**5***	**2***	**7.6**	**2.0**		**0.596**	**0.026**
# SAMPLES (IN STATISTICS)						**20**	**2**	**7**	**80**	**24**	**1**	**116**	**104**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K"DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
TEST-NAME:		*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*		
81 01 13 1030		.3	1	0.480	1.190	0.043	3.660		4.183	0.710	4.893	4.00	554.00
81 02 02 1020		.3	1									3.00	
81 02 19 0955		.3	1	0.370	1.50	0.240	2.760	3.000	3.370	1.130	4.500	63	332
81 02 20 1700		.3	1				2.830					199.0	
81 02 21 0800		.3	1				3.120					261.0	
1230		.3	1				3.260					347.0	
1745		.3	1				3.400					328.0	
81 02 22 0800		.3	1				3.800					505.0	
1730		.3	1				3.860						
81 02 23 1700		.3	1				4.100					166.0	
81 02 24 0925		.3	1									160	
1000		.3	1				4.230					255.0	
1700		.3	1				4.230					202.0	
81 02 25 1630		.3	1				4.900					261.0	
81 02 26 1700		.3	1				4.250					138.0	
81 02 27 1745		.3	1				4.030					48.0	
81 02 28 1045		.3	1				3.520					35.0	
81 03 01 1000		.3	1				3.630					37.0	
81 03 02 1700		.3	1				4.120					43.0	
81 03 03 0805		.3	1									20	
1700		.3	1				4.450					23.0	
81 03 04 1700		.3	1				4.990					14.0	
81 03 06 1800		.3	1				4.680					14.0	
81 03 07 1700		.3	1				4.190					11.0	
81 03 08 1015		.3	1				4.090					8.0	
81 03 09 1000		.3	1									8	
1700		.3	1				3.990					14.0	
81 03 15 1015		.3	1				3.970					32.0	
81 03 16 1010		.3	1	0.306	0.97	0.081	3.870	3.950	4.257	0.664	4.921	31	504
81 03 24 0950		.3	1									17	
81 03 30 1025		.3	1									32	
81 04 03 1900		.3	1				4.240					40.0	
81 04 04 1900		.3	1				4.070					38.0	
81 04 05 1000		.3	1				3.990					52.0	
81 04 06 1700		.3	1				3.630					58.0	
81 04 07 0950		.3	1									34	
1645		.3	1				3.260					50.0	
81 04 08 1600		.3	1				3.150					81.0	
81 04 13 1105		.3	1									55	
81 04 21 1010		.3	1									43	
81 04 26 1930		.3	1				1.230					36.0	
81 04 28 1110		.3	1	0.094	1.08	0.074	2.180	2.250	2.348	0.986	3.334	66	327
81 05 01 1915		.3	1									39.0	
81 05 03 1115		.3	1									50.0	
81 05 04 1930		.3	1			0.028	2.320	2.350				26	
81 05 05 1715		.3	1			0.037	2.310	2.350				33	
81 05 13 1700		.3	1			0.071	2.130	2.200				46	
81 05 14 1915		.3	1			0.004	1.000	1.000				33	
81 05 15 1915		.3	1			0.070	2.030	2.100				44	
81 05 16 1915		.3	1			0.078	2.270	2.350				41	
81 05 17 1030		.3	1			0.077	2.280	2.300				33	
81 05 18 1930		.3	1			0.087	2.710	2.800				35	
81 05 21 0925		.3	1	0.014	1.07			2.300		1.056	3.370	46	426
81 06 07 1030		.3	1			0.010	1.69	1.700				38	
81 06 14 1500		.3	1			0.003	1.350	1.350				36	
81 06 16 1015		.3	1	0.004	0.95	0.002	1.050	1.050	1.056	0.946	2.002	43	464
81 06 21 1130		.3	1			0.033	0.925	0.960				32	
81 06 28 0930		.3	1			0.003	2.900	2.900				43	
81 07 13 1200		.3	1								~	26	
81 07 20 0930		.3	1			0.002	0.660	0.660				24	
81 07 27 0845		.3	1			0.002	0.725	0.725				42.0	
81 07 28 0935		.3	1	0.140	1.02	0.011	0.555	0.565	0.706	0.880	1.586	58.0	459
81 08 03 1715		.3	1			0.038	0.932	0.970				20.8	
81 08 10 0830		.3	1									53.9	
81 08 17 0830		.3				0.001	1.250	1.250				57.5	
81 08 24 0830		.3	1			0.001	1.050	1.050				28.5	

(CONTD)

	TEST-NAME:	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RSP	RSF
81 08 31 0900	.3 1			0.007	0.855	0.860				38.6	
1015	.3 1	0.004	0.92	0.006	0.910	0.915	0.920	0.916	1.836	34.0	471
81 09 03 1800	.3 1			0.001<T	1.600	1.600				43.1	
81 09 04 0800	.3 1			0.002	1.750	1.750				75.0	
81 09 08 0900	.3 1			0.081	3.320	3.400				64.2	
1400	.3 1			0.092	3.160	3.250				66.1	
81 09 09 1600	.3 1			0.050	3.100	3.150				63.3	
81 09 14 0900	.3 1			0.030	2.270	2.300				99.0	
81 09 21 0900	.3 1			0.042	1.480	1.520				84.9	
81 09 24 1020	.3 1	0.006	0.85	0.011	1.590	1.600	1.607	0.844	2.451	35.5	401
81 09 28 0930	.3 1			0.002	1.750	1.750				57.0	
81 10 05 0900	.3 1			0.014	1.890	1.900				101.0	
1500	.3 1			0.019	1.880	1.900				40.0	
81 10 09 1500	.3 1			0.031	2.320	2.350				34.0	
81 10 10 0900	.3 1			0.043	2.710	2.750				44.0	
81 10 12 0900	.3 1			0.058	2.640	2.700				38.0	
81 10 19 0900	.3 1			0.039	2.460	2.500				79.0	
81 10 20 0850	.3 1	0.022	0.72	0.033	2.420	2.450	2.475	0.698	3.173	45.0	481
1600	.3 1			0.014	2.490	2.500				81.0	
81 10 21 0400	.3 1			0.019	2.080	2.100				70.0	
81 10 24 0900	.3 1			0.065	2.680	2.750				25.0	
81 10 25 0900	.3 1			0.086	2.460	2.550				27.0	
81 10 26 0900	.3 1			0.001	3.05	3.050				25.0	
81 10 27 0800	.3 1			0.010	3.340	3.350				26.0	
81 10 28 1600	.3 1			0.075	3.420	3.500				54.8	
81 10 29 1600	.3 1			0.014	3.140	3.150				70.3	
81 10 30 0900	.3 1			0.008	3.140	3.150				73.6	
81 10 31 1600	.3 1			0.014	3.990	4.000				49.4	
81 11 01	.3 1			0.011	3.640	3.650				46.8	
81 11 02 0900	.3 1			0.021	3.380	3.400				39.4	
81 11 03 0900	.3 1			0.001	3.250	3.250				47.4	
81 11 04 0800	.3 1			0.010	3.190	3.200				31.2	
81 11 05 0940	.3 1									30.6	
81 11 09 0800	.3 1			0.012	2.640	2.650				36.2	
81 11 15 1500	.3 1			0.023	2.880	2.900				29.5	
81 11 20	.3 1			0.028	2.670	2.700				23.4	
1300	.3 1			0.001<T	2.900	2.900				13.6	
1400	.3 1			0.027	2.730	2.800				21.2	
1500	.3 1			0.002	2.800	2.800				12.0	
81 11 24 1500	.3 1					2.700				11.2	
81 11 25 1500	.3 1					2.600				10.4	
81 11 29 1600	.3 1			0.080	3.470	3.550				15.1	
81 11 30 0925	.3 1	0.088	0.75	0.098	3.350	3.450	3.536	0.662	4.198	9.1	444
1200	.3 1			0.080	3.320	3.400				17.0	
81 12 01 1500	.3 1			0.190	3.120	3.300				14.1	
81 12 02 1300	.3 1			0.050	3.100	3.150				6.2	
81 12 03 1400	.3 1			0.070	4.080	4.150				30.3	
81 12 04 1200	.3 1			0.085	4.060	4.150				10.5	
81 12 06 1600	.3 1			0.110	3.490	3.600				9.0	
81 12 14 1000	.3 1			0.087	3.210	3.300				22.0	
81 12 17 0935	.3 1									3.4	
81 12 19 1400	.3 1			0.005	3.300	3.300				3.5	
81 12 28 1300	.3 1			0.180	3.220	3.400				7.2	
81 12 30 1040	.3 1	0.006	1.00	0.230	2.870	3.100	3.106	0.994	4.100	3.8	467
MAXIMUM		**0.480**	**1.50**	**0.240**	**4.990**	**4.150**	**4.257**	**1.130**	**4.921**	**505.0**	**554.00**
ARITH MEAN		**0.128**	**1.00**	**0.045<A**	**2.86**	**2.510**	**2.506**	**0.874**	**3.364**	**57**	**444**
GEOM MEAN		**0.039**	**0.98**	**0.020<A**	**2.61**	**2.293**	**2.136**	**0.860**	**3.149**	**35**	**439**
MINIMUM		**0.004**	**0.72**	**0.001**	**0.555**	**0.565**	**0.706**	**0.662**	**1.586**	**3.00**	**327**
STD DEV (GEOM *)		**0.166**	**0.20**	**0.051<A**	**1.05**	**0.913**	**1.294**	**0.160**	**1.188**	**73**	**65**
# SAMPLES (IN STATISTICS)		**12**	**12**	**73**	**102**	**75**	**11**	**12**	**12**	**119**	**12**

	TEST-NAME:	COND25	CLIDUR	ALKT	PH	FWPH	ASUT	HGUT	ALUT	CRUT	CUUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS PJ	CONDUCT. 25C UMHO/CM AT 25 C	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
81 01 13 1030	.3 1	820.0		259.0	7.9	7.9	0.001<	0.040<		0.001 <	0.0005<
81 02 02 1020	.3 1	880.0		235.0		7.5		0.060<		0.002	
81 02 19 0955	.3 1	520		120	7.53	7.20	0.001<	0.04	2.600	0.023	0.010
81 02 20 1700	.3 1	520.0						0.050<			0.009
81 02 21 0800	.3 1	430.0						0.050<			0.022
1230	.3 1	410.0						0.050<			0.013
1745	.3 1	400.0						0.050<			0.015
81 02 22 0800	.3 1	370.0						0.060			0.022
1730	.3 1	360.0						0.060			0.019
81 02 23 1700	.3 1	365.0						0.060<			0.006
81 02 24 0925	.3 1					7.10		0.06 <		0.010	
1000	.3 1	385.0						0.060<			0.004
1700	.3 1	385.0						0.060<			0.007
81 02 25 1630	.3 1	380.0						0.050<			0.010
81 02 26 1700	.3 1	375.0						0.050<			0.006
81 02 27 1745	.3 1	410.0						0.050<			0.003
81 02 28 1045	.3 1	430.0						0.050<			0.003
81 03 01 1000	.3 1	465.0						0.050<			0.003
81 03 02 1700	.3 1	540.0						0.050<			0.004
81 03 03 0805	.3 1					7.80		0.05 <		0.010	
1700	.3 1	520.0						0.040<			
81 03 04 1700	.3 1	540.0						0.040<			0.005
81 03 06 1800	.3 1	580.0						0.040<			
81 03 07 1700	.3 1	600.0						0.040<			0.003
81 03 08 1015	.3 1	620.0						0.040<			0.005
81 03 09 1000	.3 1					7.90		0.04 <		0.002	
1700	.3 1	660.0						0.040<			
81 03 15 1015	.3 1	740.0						0.040<			0.003
81 03 16 1010	.3 1	740		212	8.14	8.10	0.001	0.04 <	0.660	0.003	0.003
81 03 24 0950	.3 1					8.00		0.03		0.002	
81 03 30 1025	.3 1					8.05		0.04 <		0.006	
81 04 03 1900	.3 1	600.0						0.040<			0.005
81 04 04 1900	.3 1	560.0						0.040<			0.004
81 04 05 1000	.3 1	560.0						0.040<			0.004
81 04 06 1700	.3 1	540.0						0.030			0.005
81 04 07 0950	.3 1					8.10		0.03		0.003	
1645	.3 1	560.0						0.040			0.005
81 04 08 1600	.3 1	560.0						0.030<			0.004
81 04 13 1105	.3 1					8.30		0.04 <		0.002	
81 04 21 1010	.3 1					8.45		0.04 <		0.003	
81 04 26 1930	.3 1	650.0						0.060<			0.002
81 04 28 1110	.3 1	640		188	8.21		0.001<		2.500	0.010	0.004
81 05 01 1915	.3 1							0.060<			0.003
81 05 03 1115	.3 1	670.0						0.060<			0.004

(CONTD)

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGE IN DUNNVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-035-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0612660.0 4750440.0 4** REGION: **02** DISTANCE: **7.725**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COND25 CONDUCT. 25C UMHO/CM AT 25 C	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 05 04 1930		.3	1										0.002
81 05 05 1715		.3	1										0.006
81 05 13 1700		.3	1							0.08			0.004
81 05 14 1915		.3	1										0.006
81 05 15 1915		.3	1										0.006
81 05 16 1915		.3	1										0.005
81 05 17 1030		.3	1										0.005
81 05 18 1930		.3	1										0.005
81 05 21 0925		.3	1	680		207	8.28	8.50	0.001<	0.08 <	0.084	0.002 <	0.003
81 06 07 1030		.3	1										0.004
81 06 14 1500		.3	1							0.05 <			0.007
81 06 16 1015		.3	1	760		177	8.08	8.20	0.001<	0.05 <	0.320	0.0110	0.004
81 06 21 1130		.3	1							0.04 <			0.004
81 06 28 0930		.3	1							0.08 <			0.003
81 07 13 1200		.3	1							0.07 <			0.009
81 07 20 0930		.3	1							0.04 <			0.006
81 07 27 0845		.3	1							0.05 <			0.016
81 07 28 0935		.3	1	700		146	8.01		0.001<	0.04 <	1.100	0.0110	0.005
81 08 03 1715		.3	1							0.06 <			0.009
81 08 10 0830		.3	1							0.06 <			0.009
81 08 17 0830		.3								0.06 <			0.010
81 08 24 0830		.3	1							0.03 <			0.009
81 08 31 0900		.3	1							0.06 <			0.014
1015		.3	1	700		157	7.92	8.25	0.001<	0.06 <	0.670	0.0040	0.004
81 09 03 1800		.3	1							0.03 <			0.007
81 09 04 0800		.3	1							0.04 <			0.020
81 09 08 0900		.3	1							0.04 <			0.010
1400		.3	1							0.06			0.020
81 09 09 1600		.3	1							0.03 <			0.009
81 09 14 0900		.3	1							0.05			0.010
81 09 21 0900		.3	1							0.04 <			0.001 <
81 09 24 1020		.3	1	680		197	8.15	7.65	0.001<	0.04 <	0.690	0.0060	0.008
81 09 28 0930		.3	1							0.06 <			0.006
81 10 05 0900		.3	1							0.06 <			0.006
81 10 08 1025		.3	1					8.40		0.07 <		0.0070	
1500		.3	1							0.03 <			0.008
81 10 09 1500		.3	1							0.03 <			0.018
81 10 10 0900		.3	1							0.03 <			0.022
81 10 12 0900		.3	1							0.03 <			0.011
81 10 19 0900		.3	1										0.003
81 10 20 0850		.3	1	660		218	8.64	8.20	0.001<	0.04 <	0.820	0.0060	0.008
1600		.3	1							0.07 <			0.014
81 10 21 0400		.3	1							0.04 <			0.009
81 10 24 0900		.3	1							0.08 <			0.013
81 10 25 0900		.3	1							0.08 <			0.011
81 10 26 0900		.3	1							0.08 <			0.012
81 10 27 0800		.3	1							0.08 <			0.007
81 10 28 1600		.3	1							0.03 <			0.012
81 10 29 1600		.3	1							0.08 <			0.053
81 10 30 0900		.3	1							0.08 <			0.013
81 10 31 1600		.3	1							0.04 <			0.006
81 11 01		.3	1							0.04 <			0.007
81 11 02 0900		.3	1							0.04 <			0.008
81 11 03 0900		.3	1							0.04 <			0.011
81 11 04 0800		.3	1							0.03 <			
81 11 05 0940		.3	1							0.03 <		0.0090	
81 11 09 0800		.3	1							0.08 <			0.008
81 11 15 1500		.3	1							0.06 <			0.010
81 11 20		.3	1							0.06 <			0.007
1300		.3	1							0.06 <			0.011
1400		.3	1							0.06 <			0.033
1500		.3	1							0.06 <			0.010
81 11 24 1500		.3	1							0.06 <			0.003
81 11 25 1500		.3	1							0.06 <			0.003
81 11 29 1600		.3	1							0.05 <			0.009
81 11 30 0925		.3	1	700		243	8.40	8.35	0.001<	0.05 <	0.360	0.0050	0.009
1200		.3	1							0.05 <			0.010
81 12 01 1500		.3	1							0.02 <			0.002
81 12 02 1300		.3	1							0.03 <			0.006
81 12 03 1400		.3	1							0.02 <			0.010
81 12 04 1200		.3	1							0.02 <			0.009
81 12 06 1600		.3	1							0.03 <			0.009
81 12 14 1000		.3	1							0.03 <			0.010
81 12 17 0935		.3	1					8.25		0.02 <		0.004	
81 12 19 1400		.3	1							0.04 <			0.008
81 12 28 1300		.3	1							0.03 <			0.009
81 12 30 1040		.3	1	750	44.50	237	8.43	8.35	0.001<	0.03 <	0.220	0.005	0.010
MAXIMUM				**880.0**	**44.50**	**259.0**	**8.64**	**8.50**	**0.001**	**0.08**	**2.600**	**0.023**	**0.053**
ARITH MEAN				**567**	**44.50**	**199**	**8.14**	**8.0**	**0.001**	**0.04**	**0.911**	**0.006**	**0.008**
GEOM MEAN				**550**		**195**	**8.14**	**8.0**		**0.04**	**0.603**	**0.005**	**0.007**
MINIMUM				**360.0**	**44.50**	**120**	**7.53**	**7.10**	**0.001**	**0.03**	**0.084**	**0.002**	**0.002**
STD DEV (GEOM *)				**139**		**41**	**0.29**	**0.3**		**0.01**	**0.861**	**0.004**	**0.006**
# SAMPLES (IN STATISTICS)				**43**	**1**	**13**	**12**	**21**	**1**	**10**	**11**	**22**	**103**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB - TOTAL NG/L
81 01 13 1030		.3	1	0.003<	0.0002<	0.008	20<W
81 02 02 1020		.3	1	0.004		0.038	20<W
81 02 19 0955		.3	1	0.007	0.0002<	0.036	20<W
81 02 20 1700		.3	1	0.007	0.004		
81 02 21 0800		.3	1	0.007	0.0005		
1230		.3	1	0.009	0.0007		
1745		.3	1	0.010	0.0004		
81 02 22 0800		.3	1	0.010	0.0006		
1730		.3	1	0.010	0.0008		
81 02 23 1700		.3	1	0.003<	0.0003		
81 02 24 0925		.3	1	0.008		0.036	

(CONTD)

	TEST-NAME:			PBUT	CDUT	ZNUT	P1PCBT
	1000	.3	1	0.003<	0.0003		
	1700	.3	1	0.006	0.0002<		
81 02 25	1630	.3	1	0.010	0.0003		
81 02 26	1700	.3	1	0.004	0.0002<		
81 02 27	1745	.3	1	0.003<	0.0002<		
81 02 28	1045	.3	1	0.005	0.0002<		
81 03 01	1000	.3	1	0.003<	0.0002<		
81 03 02	1700	.3	1	0.004	0.0002<		
81 03 03	0805	.3	1	0.006		0.016	
	1700	.3	1	0.003	0.0006		
81 03 04	1700	.3	1	0.003<	0.0006		
81 03 06	1800	.3	1	0.003<	0.0002<		
81 03 07	1700	.3	1	0.003<	0.0004		
81 03 08	1015	.3	1	0.003<	0.0002<		
81 03 09	1000	.3	1	0.003<		0.010	
	1700	.3	1	0.003<	0.0002<		
81 03 15	1015	.3	1	0.003<	0.0002<		
81 03 16	1010	.3	1	0.003<	0.0003	0.016	20<W
81 03 24	0950	.3	1	0.047		0.012	
81 03 30	1025	.3	1	0.007		0.011	
81 04 03	1900	.3	1	0.003<	0.0002<		
81 04 04	1900	.3	1	0.003<	0.0002<		
81 04 05	1000	.3	1	0.003<	0.0002<		
81 04 06	1700	.3	1	0.003<	0.0002<		
81 04 07	0950	.3	1	0.003<		0.015	
	1645	.3	1	0.003<	0.0002<		
81 04 08	1600	.3	1	0.003<	0.0002<		
81 04 13	1105	.3	1	0.003		0.012	
81 04 21	1010	.3	1	0.003<		0.011	
81 04 26	1930	.3	1	0.003<	0.0002<		
81 04 28	1110	.3	1	0.003<	0.0002<	0.089	20<W
81 05 01	1915	.3	1	0.003<	0.0002<		
81 05 03	1115	.3	1	0.003<	0.0003		
81 05 04	1930	.3	1	0.003<	0.0003		
81 05 05	1715	.3	1	0.003<	0.0004		
81 05 13	1700	.3	1	0.003<	0.0002<		
81 05 14	1915	.3	1	0.004	0.0002<		
81 05 15	1915	.3	1	0.003<	0.0002<		
81 05 16	1915	.3	1	0.003<	0.0002<		
81 05 17	1030	.3	1	0.003<	0.0002<		
81 05 18	1930	.3	1	0.003<	0.0002<		
81 05 21	0925	.3	1	0.013	0.0004	0.007	20<W
81 06 07	1030	.3	1	0.003<	0.0002<		
81 06 14	1500	.3	1	0.004	0.0001		
81 06 16	1015	.3	1	0.007	0.0001	0.004	20<W
81 06 21	1130	.3	1	0.003<	0.0002<		
81 06 28	0930	.3	1	0.003<	0.0002<		
81 07 13	1200	.3	1	0.003<	0.0006		
81 07 20	0930	.3	1	0.003<	0.0001<		
81 07 27	0845	.3	1	0.003<	0.0001<		
81 07 28	0935	.3	1	0.011	0.0003	0.014	20<W
81 08 03	1715	.3	1	0.005	0.0001<		
81 08 10	0830	.3	1	0.003<	0.0001<		
81 08 17	0830	.3		0.003<	0.0001<		
81 08 24	0830	.3	1	0.003<	0.0001<		
81 08 31	0900	.3	1	0.003<	0.0002		
	1015	.3	1	0.003<	0.0002	0.005	
81 09 03	1800	.3	1	0.003<	0.0004		
81 09 04	0800	.3	1	0.003<	0.0001<		
81 09 08	0900	.3	1	0.003<	0.0004		
	1400	.3	1	0.003<	0.0001<		
81 09 09	1600	.3	1	0.003<	0.0001<		
81 09 14	0900	.3	1	0.003<	0.0001<		
81 09 21	0900	.3	1	0.003<	0.0001<		
81 09 24	1020	.3	1	0.003<	0.0002	0.011	20<W
81 09 28	0930	.3	1	0.003<	0.0002		
81 10 05	0900	.3	1	0.003<	0.0002<		
81 10 08	1025	.3	1	0.003<		0.013	
	1500	.3	1	0.003<	0.0002<		
81 10 09	1500	.3	1	0.010	0.0013		
81 10 10	0900	.3	1	0.007	0.0061		
81 10 12	0900	.3	1	0.009	0.0007		
81 10 19	0900	.3	1	0.003<	0.0002		
81 10 20	0850	.3	1	0.009	0.0003	0.008	20<W
	1600	.3	1	0.003<	0.0002<		
81 10 21	0400	.3	1	0.010	0.0005		
81 10 24	0900	.3	1	0.011	0.0004		
81 10 25	0900	.3	1	0.011	0.0002		
81 10 26	0900	.3	1	0.012	0.0004		
81 10 27	0800	.3	1	0.003<	0.0002<		
81 10 28	1600	.3	1	0.003<	0.0002		
81 10 29	1600	.3	1	0.003<	0.0040		
81 10 30	0900	.3	1	0.003<	0.0016		
81 10 31	1600	.3	1	0.003<	0.0001<		
81 11 01		.3	1	0.010	0.0004		
81 11 02	0900	.3	1	0.003<	0.0001<		
81 11 03	0900	.3	1	0.003<	0.0001<		
81 11 05	0940	.3	1	0.003<		0.016	
81 11 09	0800	.3	1	0.011	0.0012		
81 11 15	1500	.3	1	0.007	0.0002		
81 11 20		.3	1	0.008	0.0004		
	1300	.3	1	0.007	0.0002		
	1400	.3	1	0.029	0.0002		
	1500	.3	1	0.007	0.0002		
81 11 24	1500	.3	1	0.003<	0.0002<		
81 11 25	1500	.3	1	0.003	0.0002<		
81 11 29	1600	.3	1	0.005	0.0001<		
81 11 30	0925	.3	1	0.003<	0.0001<	0.009	20<W
	1200	.3	1	0.005	0.0002		
81 12 01	1500	.3	1	0.003<	0.0002<		
81 12 02	1300	.3	1	0.003<	0.0002<		
81 12 03	1400	.3	1	0.014	0.0001<		
81 12 04	1200	.3	1	0.006	0.0001<		
81 12 06	1600	.3	1	0.006	0.0001<		
81 12 14	1000	.3	1	0.007	0.0003		
81 12 17	0935	.3	1	0.008		0.006	
81 12 19	1400	.3	1	0.005	0.0002		
81 12 28	1300	.3	1	0.007	0.0002		
81 12 30	1040	.3	1	0.005	0.0002	0.008	20<W
	MAXIMUM			**0.047**	**0.0061**	**0.089**	
	ARITH MEAN			**0.009**	**0.000**	**0.017**	
	GEOM MEAN			**0.007**	**0.000**	**0.013**	
	MINIMUM			**0.003**	**0.0001**	**0.004**	
	STD DEV (GEOM *)			**0.007**	**0.001**	**0.018**	
	# SAMPLES (IN STATISTICS)			**51**	**51**	**24**	

B.O.W./ SITE: **SPEED RIVER**
SAMPLE POINT: **PUSLINCH LAKE RD 4M S-W GUELPH**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA015**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-036-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0558000.0 4814600.0 4** REGION: **02** DISTANCE: **164.470**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 0920		.3	1	39012	6	1.800	13000	22000	2400	650	0.5	12.8	2.2
81 02 25 0940		.3	1	39053	6 3	26.300	6400C	31000	20I	280	1.0	13.2	1.1
81 03 25 1005		.3	1	39094	8 6	2.320	2700	12000	290	160	4.0	13.20	3.4
81 04 28 1013		.3	1	39135	8 6	4.880	11500	22000	2400	390	10.5	8.70	2.0
81 05 13 0948		.3	1	39176	3	6.670	6800	30000>	1040	140	9.5	10.70	1.8
81 06 16 0920		.3	1	39217	7	1.750	1100A	41000	30A	230	21.5	4.00	4.2
81 07 14 0945		.3	1	39258	7	1.090	1200A	66000	120	110	22.0	3.20	4.2
81 08 06 0930		.3	1	39299	7	1.930	2300A	174000	120A	260	20.0	4.80	1.8
81 09 10 0920		.3	1	39340	7	4.020	1600A	54000	140	180	16.0	8.50	1.0
81 10 14 1000		.3	1	39381	8	6.000	4700A	33000	410	100	8.8	10.00	1.2
81 11 19 0907		.3	1	39422	8 6	7.010	23000	10000	5600	1800	5.2	10.80	1.4
81 12 10 0920		.3	1	39463	8 6	4.750	1900	5000	400A	100A	0.5	12.40	1.8
MAXIMUM						**26.300**	**23000**	**174000**	**5600**	**1800**	**22.0**	**13.20**	**4.2**
ARITH MEAN						**5.710**	**6350**	**42727**	**1081**	**367**	**10.0**	**9.3**	**2.2**
GEOM MEAN						**3.849**	**4015**	**27763**	**334**	**239**	**5.5**	**8.5**	**1.9**
MINIMUM						**1.090**	**1100**	**5000**	**20**	**100**	**0.5**	**3.20**	**1.0**
STD DEV (GEOM *)						**6.804**	**3***	**3***	**6***	**2***	**8.2**	**3.6**	**1.1**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 20 0920		.3	1	0.118	0.060	0.450	1.200	0.065	2.830		3.345	0.750	4.095
81 02 25 0940		.3	1	0.092	0.028	0.158	0.820	0.034	2.170		2.362	0.662	3.024
81 03 25 1005		.3	1	0.084	0.039	0.114	0.68	0.160	3.740	3.900	4.014	0.566	4.580
81 04 28 1013		.3	1	0.108	0.040	0.020	0.73	0.086	2.460	2.550	2.566	0.710	3.276
81 05 13 0948		.3	1	0.128	0.055	0.010	0.65	0.016	1.730	1.750	1.756	0.640	2.396
81 06 16 0920		.3	1	0.282		0.002<T	0.85	0.002	4.500	4.500	4.504	0.848	5.352
81 07 14 0945		.3	1	0.258	0.150	0.006	1.40	0.014	4.490	4.500	4.510	1.394	5.904
81 08 06 0930		.3	1	0.165	0.125	0.004	0.72	0.001	2.800	2.800	2.805	0.716	3.521
81 09 10 0920		.3	1	0.092	0.042	0.076	0.82	0.054	1.500	1.550	1.630	0.744	2.374
81 10 14 1000		.3	1	0.093	0.025	0.010	0.98	0.001	1.600	1.600	1.611	0.970	2.581
81 11 19 0907		.3	1	0.102	0.013	0.054	0.68	0.008	2.090	2.100	2.152	0.626	2.778
81 12 10 0920		.3	1	0.062	0.028	0.006	0.68	0.036	3.460	3.500	3.502	0.674	4.176
MAXIMUM				**0.282**	**0.150**	**0.450**	**1.40**	**0.160**	**4.500**	**4.500**	**4.510**	**1.394**	**5.904**
ARITH MEAN				**0.132**	**0.055**	**0.076<A**	**0.85**	**0.040**	**2.781**	**2.875**	**2.896**	**0.775**	**3.671**
GEOM MEAN				**0.119**	**0.043**	**0.023<A**	**0.82**	**0.016**	**2.601**	**2.664**	**2.716**	**0.752**	**3.512**
MINIMUM				**0.062**	**0.013**	**0.002**	**0.65**	**0.001**	**1.500**	**1.550**	**1.611**	**0.566**	**2.374**
STD DEV (GEOM *)				**0.069**	**0.043**	**0.128<A**	**0.23**	**0.047**	**1.060**	**1.159**	**1.067**	**0.222**	**1.166**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*PHNOL*
81 01 20 0920		.3	1	448.00	10.00	438.000<	740.0	3.10	63.000	49.000	239.0	7.93	1.000<
81 02 25 0940		.3	1	268.00	25.00	255.00	440.0	4.90	25.000	28.500	157.0	7.90	1.000<
81 03 25 1005		.3	1		4	430	800	2.00	57.00	57.0	230	8.05	1 <T
81 04 28 1013		.3	1		13	363	590	2.30	40.00	42.0	198	8.12	1 <T
81 05 13 0948		.3	1		16	349	570	3.50	32.00	35.5	204	8.31	1 <T
81 06 16 0920		.3	1		7	478	720	1.60	75.00	7.5	202	7.88	1 <T
81 07 14 0945		.3	1		5	466	800	2.20	89.00	71.0	209	7.85	1 <T
81 08 06 0930		.3	1		10.0	467	700	0.92	69.00	54	201	7.84	1 <T
81 09 10 0920		.3	1		12.9	393	610	1.44	40.00	38.5	229	8.09	1 <T
81 10 14 1000		.3	1		9.0	359	570	1.64	35.50	45.5	215	8.45	1 <T
81 11 19 0907		.3	1		7.3	372	560	2.40	33.00	43.0	232	8.17	1 <T
81 12 10 0920		.3	1		3.3	396	690	2.30	49.00	56.0	237	8.35	1 <T
MAXIMUM				**448.00**	**25.00**	**478**	**800**	**4.90**	**89.00**	**71.0**	**239.0**	**8.45**	**1**
ARITH MEAN				**358.00**	**10**	**393**	**649**	**2.36**	**50.62**	**43**	**212**	**8.08**	**1 <A**
GEOM MEAN				**346.50**	**8**	**388**	**640**	**2.16**	**47.17**	**39**	**211**	**8.08**	**1 <A**
MINIMUM				**268.00**	**3.3**	**255.00**	**440.0**	**0.92**	**25.000**	**7.5**	**157.0**	**7.84**	**1**
STD DEV (GEOM *)				**127.28**	**6**	**65**	**109**	**1.07**	**19.93**	**16**	**23**	**0.21**	**0 <A**
# SAMPLES (IN STATISTICS)				**2**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:				*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*COD*	*DOC*	*ASUT*	*HGUT*	*ALUT*
81 01 20 0920		.3	1	0.240				19.000	33		0.001<		0.560
81 02 25 0940		.3	1	0.560				35.000	16		0.001<		0.400
81 03 25 1005		.3	1	0.11	292	79.0	23.00		1.96	4.1			0.081
81 04 28 1013		.3	1	0.29	227	57.0	20.50		15	5.2			0.140
81 05 13 0948		.3	1	0.31	235	61.0	20.00		19	5.9			0.140
81 06 16 0920		.3	1	0.17	245	61.0	22.50		27	5.5			0.130
81 07 14 0945		.3	1	0.21	237	56.0	23.50		32	7.0			0.220
81 08 06 0930		.3	1	0.24	220	52.0	22.00		32	5.7			0.220
81 09 10 0920		.3	1	0.26	253	64.8	22.30		25	8.9			0.100
81 10 14 1000		.3	1	0.18	231	57.0	21.50		25	7.4		0.03<	0.240
81 11 19 0907		.3	1	0.18	264	72.0	20.50		19	6.5			0.220
81 12 10 0920		.3	1	0.12	273	74.0	21.50		18	6.2			0.130
MAXIMUM				**0.560**	**292**	**79.0**	**23.50**	**35.000**	**33**	**8.9**			**0.560**
ARITH MEAN				**0.23**	**248**	**63.4**	**21.73**	**27.000**	**21**	**6.2**			**0.215**
GEOM MEAN				**0.21**	**247**	**62.8**	**21.70**	**25.788**	**18**	**6.1**			**0.184**
MINIMUM				**0.11**	**220**	**52.0**	**20.00**	**19.000**	**1.96**	**4.1**			**0.081**
STD DEV (GEOM *)				**0.11**	**23**	**8.9**	**1.15**	**11.314**	**8**	**1.3**			**0.138**
# SAMPLES (IN STATISTICS)				**12**	**10**	**10**	**10**	**2**	**12**	**10**			**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 20 0920		.3	1	0.004	0.006	0.011	0.001 >	0.120	0.060	0.010	0.0005<
81 02 25 0940		.3	1	0.013	0.006	0.006	0.0004	0.083	0.115	0.003 <	0.001 <
81 03 25 1005		.3	1	0.002 <	0.005	0.003<	0.0008	0.063		0.008	
81 04 28 1013		.3	1	0.010	0.003	0.003<	0.0006	0.081		0.003	
81 05 13 0948		.3	1	0.002 <	0.006	0.005	0.0002<	0.010		0.002 <	
81 06 16 0920		.3	1	0.0090	0.006	0.003<	0.0001<	0.042		0.0090	
81 07 14 0945		.3	1	0.0070	0.007	0.014	0.0005	0.058		0.0090	
81 08 06 0930		.3	1	0.0060	0.006	0.009	0.0007	0.048		0.0060	
81 09 10 0920		.3	1	0.0330	0.022	0.003<	0.0001<	0.011		0.1000	
81 10 14 1000		.3	1	0.0050	0.010	0.013	0.0004	0.056		0.0070	
81 11 19 0907		.3	1	0.0060	0.008	0.005	0.0002	0.066		0.0060	
81 12 10 0920		.3	1	0.004	0.006	0.006	0.0002	0.068		0.014	
MAXIMUM				**0.0330**	**0.022**	**0.014**	**0.0008**	**0.120**	**0.115**	**0.1000**	
ARITH MEAN				**0.009**	**0.008**	**0.009**	**0.0005**	**0.059**	**0.087**	**0.017**	
GEOM MEAN				**0.007**	**0.007**	**0.008**	**0.0004**	**0.048**	**0.083**	**0.009**	
MINIMUM				**0.004**	**0.003**	**0.005**	**0.0002**	**0.010**	**0.060**	**0.003**	
STD DEV (GEOM *)				**0.008**	**0.005**	**0.004**	**0.0002**	**0.030**	**0.039**	**0.029**	
# SAMPLES (IN STATISTICS)				10	12	8	8	12	2	10	

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **1ST.CONC.ROAD DNSTR.OF BELLWOOD LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA016**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-037-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0552825.0 4841325.0 4** REGION: **02** DISTANCE: **222.568**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 1149		.3	1	39020	6	7.490	56	468	4	4<	1.0	15.6	0.6
81 02 25 1254		.3	1	39061	6 3	101.000	5200C	27000	10I	290	0.5	14.0	1.6
81 03 25 1217		.3	1	39102	8 6	2.690	10<	1000	10<	10<	3.5	15.40	
81 04 28 1303		.3	1	39143	8 6	3.560	230	1300	10<	10<	7.5	13.20	
81 05 13 1315		.3	1	39184	3	9.080	1150	1600	10<	10<	10.0	11.20	
81 06 16 1150		.3	1	39225	8 6	6.260	260A	5100	10<	10<	13.0	12.20	
81 07 14 1200		.3	1	39266	8 6	6.060	1300	12200	20A	10<	18.7	9.00	
81 08 06 1210		.3	1	39307	8 6	5.260	700A	18000	220	260	20.8	9.50	
81 09 10 1230		.3	1	39348	8 6	43.300	350A	6800	100	70A	18.2	9.60	
81 10 14 1301		.3	1	39389	8 6	11.900	400A	5800	70A	30A	9.0	12.20	
81 11 19 1150		.3	1	39430	8 6	7.270	120A	240	30A	10A	4.8	12.10	
81 12 10 1215		.3	1	39471	8 6	21.800	160A	5300	70A	10A	0.5	13.50	
MAXIMUM						**101.000**	**5200**	**27000**	**220**	**290**	**20.8**	**15.6**	**1.6**
ARITH MEAN						**18.806**	**902**	**7067**	**65**	**112**	**9.0**	**12.2**	**1.1**
GEOM MEAN						**10.058**	**406**	**3267**	**36**	**50**	**6.0**	**12.1**	**1.0**
MINIMUM						**2.690**	**56**	**240**	**4**	**10**	**0.5**	**9.00**	**0.6**
STD DEV (GEOM *)						**28.226**	**4***	**4***	**4***	**5***	**7.3**	**2.1**	**0.7**
# SAMPLES (IN STATISTICS)						**12**	**11**	**12**	**8**	**6**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 20 1149		.3	1	0.028	0.007	0.122	0.720	0.009	0.931		1.062	0.598	1.660
81 02 25 1254		.3	1	0.095	0.036	0.196	0.820	0.017	1.430		1.643	0.624	2.267
81 03 25 1217		.3	1	0.024	0.013	0.106	0.66	0.013	1.190	1.200	1.309	0.554	1.863
81 04 28 1303		.3	1	0.111	0.067	0.038	0.75	0.018	1.180	1.200	1.236	0.712	1.948
81 05 13 1315		.3	1	0.035	0.003	0.040	0.68	0.035	0.915	0.950	0.990	0.640	1.630
81 06 16 1150		.3	1	0.038	0.005	0.002<T	0.78	0.002	1.000	1.000	1.004	0.778	1.782
81 07 14 1200		.3	1	0.033	0.006	0.002	0.81	0.003	0.767	0.770	0.772	0.808	1.580
81 08 06 1210		.3	1	0.032	0.011	0.004	0.62	0.001<T	0.525	0.525	0.530	0.616	1.146
81 09 10 1230		.3	1			0.118	1.05	0.026	0.345	0.370	0.489	0.932	1.421
81 10 14 1301		.3	1	0.068	0.006	0.004	0.85	0.056	0.595	0.650	0.655	0.846	1.501
81 11 19 1150		.3	1	0.030	0.011	0.006	0.80	0.064	0.635	0.700	0.705	0.794	1.499
81 12 10 1215		.3	1	0.040	0.010	0.016	0.65	0.072	0.930	1.000	1.018	0.634	1.652
MAXIMUM				**0.111**	**0.067**	**0.196**	**1.05**	**0.072**	**1.430**	**1.200**	**1.643**	**0.932**	**2.267**
ARITH MEAN				**0.049**	**0.016**	**0.054<A**	**0.76**	**0.026<A**	**0.870**	**0.836**	**0.961**	**0.711**	**1.662**
GEOM MEAN				**0.042**	**0.010**	**0.019<A**	**0.75**	**0.014<A**	**0.813**	**0.789**	**0.895**	**0.703**	**1.640**
MINIMUM				**0.024**	**0.003**	**0.002**	**0.62**	**0.001**	**0.345**	**0.370**	**0.489**	**0.554**	**1.146**
STD DEV (GEOM *)				**0.029**	**0.019**	**0.065<A**	**0.11**	**0.025<A**	**0.313**	**0.280**	**0.341**	**0.118**	**0.284**
# SAMPLES (IN STATISTICS)				11	11	12	12	12	12	10	12	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C
81 01 20 1149		.3	1	403.0	3.0	400.0	490.0	2.60	8.150	7.82			
81 02 25 1254		.3	1	215.0	20.0	195.000	300.0	12.00	6.200	7.95			
81 03 25 1217		.3	1		3	277	435	2.50	8.05	8.25	1<T	43	7.6
81 04 28 1303		.3	1		5	240	370	1.80	7.80	8.52	1<T		7.6
81 05 13 1315		.3	1		9	254	390	3.50	8.40	8.53	1<T	44	8.1
81 06 16 1150		.3	1		10	265	410	1.60	8.50	8.38	1<T	23	8.4
81 07 14 1200		.3	1		6	260	400	2.60	9.05	8.24	1<T	30	8.3
81 08 06 1210		.3	1		6.8	260	400	1.58	9.50	8.06	1<T	22	8.6
81 09 10 1230		.3	1		15.7	270	395	7.80	7.80	8.04	1<T	45	11.0
81 10 14 1301		.3	1		7.0	316	450	0.94	8.20	8.52	1<T	27	11.4
81 11 19 1150		.3	1		9.3	302	480	3.30	9.30	8.45	1<T	19	9.9
81 12 10 1215		.3	1		5.1	272	460	2.50	9.65	8.31	1<T	22	8.8
MAXIMUM				**403.0**	**20.0**	**400.0**	**490.0**	**12.00**	**9.65**	**8.53**	**1**	**45**	**11.4**
ARITH MEAN				**309.0**	**8**	**275**	**415**	**3.56**	**8.38**	**8.26**	**1<A**	**31**	**9.0**
GEOM MEAN				**294.4**	**7**	**272**	**411**	**2.76**	**8.33**	**8.25**	**1<A**	**29**	**8.9**
MINIMUM				**215.0**	**3.0**	**196.000**	**300.0**	**0.94**	**6.200**	**7.82**	**1**	**19**	**7.6**
STD DEV (GEOM *)				**132.9**	**5**	**49**	**52**	**3.18**	**0.94**	**0.24**	**0<A**	**11**	**1.3**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**12**	**10**	**9**	**10**

B.O.W./ SITE: **ALDER CREEK**
SAMPLE POINT: **AT FIRST CONC ROAD SOUTH OF NEW DUNDEE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA030**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-038-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0537950.0 4798800.0 4** REGION: **01** DISTANCE: **179.920**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1221		.3	1	39038	6	0.082	300	5200	10<	10I	1.5	15.8	1.0
MAXIMUM						**0.082**	**300**	**5200**		**10**	**1.5**	**15.8**	**1.0**
ARITH MEAN						**0.082**	**300**	**5200**		**10**	**1.5**	**15.8**	**1.0**
GEOM MEAN													
MINIMUM						**0.082**	**300**	**5200**		**10**	**1.5**	**15.8**	**1.0**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)						1	1	1		1	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1221		.3	1	0.144	0.140	0.160	0.510	0.066	7.000	7.226	0.350	7.576	691.0
MAXIMUM				**0.144**	**0.140**	**0.160**	**0.510**	**0.066**	**7.000**	**7.226**	**0.350**	**7.576**	**691.0**
ARITH MEAN				**0.144**	**0.140**	**0.160**	**0.510**	**0.066**	**7.000**	**7.226**	**0.350**	**7.576**	**691.0**
GEOM MEAN													
MINIMUM				**0.144**	**0.140**	**0.160**	**0.510**	**0.066**	**7.000**	**7.226**	**0.350**	**7.576**	**691.0**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)				1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*
81 01 14 1221		.3	1	4.0	687.0	940.0	2.40	33.000	8.17
MAXIMUM				**4.0**	**687.0**	**940.0**	**2.40**	**33.000**	**8.17**
ARITH MEAN				**4.0**	**687.0**	**940.0**	**2.40**	**33.000**	**8.17**
GEOM MEAN									
MINIMUM				**4.0**	**687.0**	**940.0**	**2.40**	**33.000**	**8.17**
STD DEV (GEOM *)									
# SAMPLES (IN STATISTICS)				1	1	1	1	1	1

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT EAST LUTHER AND AMARANTH TWP LINE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-039-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0556200.0 4860150.0 4** REGION: **02** DISTANCE: **248.154**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 21 1224		.3	1	39022	6 4	250C	3100	10<	10<	0.5	11.9	0.6	0.015
81 02 26 1258		.3	1	39063	6 3	490C	2800	60I	70I	1.0	12.8	0.3	0.040
81 03 31 1226		.3	1	39112	3	4700	6300	120	1090	6.5	10.40	1.6	0.090
81 04 30 1350		.3	1	39153	9	700A	9000	10<	20<	12.0		1.2	0.017
81 05 21 1210		.3	1	39194	6 8	600A	10800	10A	550			0.8	0.025
81 06 18 1315		.3	1	39235	8 6	70A	7700	10A	390	21.7	10.20	0.4	0.088
81 07 07 1300		.3	1	39276		3500	25000	1460	150			0.6	0.032
81 08 25 1146		.3	1	39317	7	1400	22000	90A	10<	19.0	10.80	0.8	0.020
81 09 16 1300		.3	1	39358	7	1000	25000	150	60A	16.5	11.60	0.8	0.072
81 10 21 1305		.3	1	39399	8 6	600A	12200	70A	40A	6.0	11.60	0.8	0.370
81 11 12 1320		.3	1	39440	9	1040	3200	20A	10<	2.8	13.40	0.8	
81 12 08 1330		.3	1	39481	8 6	820	2800	10A	230	0.5	12.20	0.8	0.015
MAXIMUM						**4700**	**25000**	**1460**	**1090**	**21.7**	**13.40**	**1.6**	**0.370**
ARITH MEAN						**1264**	**10825**	**200**	**322**	**8.6**	**11.6**	**0.8**	**0.071**
GEOM MEAN						**769**	**7927**	**54**	**185**	**4.3**	**11.6**	**0.7**	**0.041**
MINIMUM						**70**	**2800**	**10**	**40**	**0.5**	**10.20**	**0.3**	**0.015**
STD DEV (GEOM *)						**3***	**2***	**5***	**3***	**8.1**	**1.0**	**0.3**	**0.103**
# SAMPLES (IN STATISTICS)						12	12	10	8	10	9	12	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 21 1224		.3	1	0.005	0.138	0.750	0.006	0.499		0.643	0.612	1.255	277.0
81 02 26 1258		.3	1	0.020	0.068	0.680	0.011	1.140		1.219	0.612	1.831	235.0
81 03 31 1226		.3	1	0.019	0.092	1.18	0.020	1.080	1.100	1.192	1.088	2.280	
81 04 30 1350		.3	1	0.001<W	0.026	0.70	0.006	0.275	0.280	0.307	0.674	0.981	
81 05 21 1210		.3	1	0.001	0.044	0.75	0.021	0.165	0.185	0.230	0.706	0.936	
81 06 18 1315		.3	1	0.230	0.010	0.82	0.055	0.200	0.255	0.265	0.810	1.075	
81 07 07 1300		.3	1	0.003	0.006	1.00	0.087	1.715	1.800	1.808	0.994	2.802	
81 08 25 1146		.3	1	0.006	0.004	0.64	0.012	0.115	0.125	0.131	0.636	0.767	
81 09 16 1300		.3	1	0.004	0.042	0.95	0.013	0.155	0.170	0.210	0.908	1.118	
81 10 21 1305		.3	1	0.003	0.016	0.76	0.007	0.365	0.370	0.388	0.744	1.132	
81 11 12 1320		.3	1		0.012	0.72	0.004	0.320	0.325	0.336	0.708	1.044	
81 12 08 1330		.3	1	0.008	0.032	0.64	0.006	0.795	0.800	0.833	0.608	1.441	
MAXIMUM				**0.230**	**0.138**	**1.18**	**0.087**	**1.715**	**1.800**	**1.808**	**1.088**	**2.802**	**277.0**
ARITH MEAN				**0.027<A**	**0.041**	**0.79**	**0.021**	**0.569**	**0.541**	**0.630**	**0.758**	**1.388**	**256.0**
GEOM MEAN				**0.006<A**	**0.025**	**0.78**	**0.013**	**0.398**	**0.374**	**0.462**	**0.744**	**1.290**	**255.1**
MINIMUM				**0.001**	**0.004**	**0.64**	**0.004**	**0.115**	**0.125**	**0.131**	**0.608**	**0.767**	**235.0**
STD DEV (GEOM *)				**0.068<A**	**0.041**	**0.16**	**0.025**	**0.507**	**0.540**	**0.527**	**0.160**	**0.612**	**29.7**
# SAMPLES (IN STATISTICS)				11	12	12	12	12	10	12	12	12	2

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:		*RSP*		*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*CUUT*	*PBUT*	*ZNUT*
81 01 21 1224		.3	1	5.0	272.0	455.0	1.40	1.950		7.65			
81 02 26 1258		.3	1	7.0	228.000	350.0	3.80	6.200		7.80			
81 03 31 1226		.3	1	20	257	395	15.00	7.35	183	7.78	0.003	0.003<	0.006
81 04 30 1350		.3	1	2	295	450	1.00	12.50	227	8.47	0.001	0.003<	0.003
81 05 21 1210		.3	1	1	276	430	0.90	8.85	211	8.57	0.001<	0.008	0.001<
81 06 18 1315		.3	1	9	270	425	2.30	9.35	215	8.62	0.001<	0.003<	0.001
81 07 07 1300		.3	1	6	319	480	2.70	12.00	226	8.45	0.002	0.003<	0.001
81 08 25 1146		.3	1	2.7	195	300	1.02	8.20	137	8.43	0.003	0.003<	0.002
81 09 16 1300		.3	1			490	0.77	8.30	254	8.52	0.008	0.003<	0.006
81 10 21 1305		.3	1	3.0	315	480	1.22	7.85	238	8.30	0.005	0.008	0.003
81 11 12 1320		.3	1	2.5	291	440	1.64	7.55	228	8.46	0.005	0.003<	0.003
81 12 08 1330		.3	1	2.4	272	450	1.53	7.85	226	8.31	0.004	0.005	0.010
MAXIMUM				**20**	**319**	**490**	**15.00**	**12.50**	**254**	**8.62**	**0.008**	**0.008**	**0.010**
ARITH MEAN				**5**	**271**	**428**	**2.77**	**8.16**	**214**	**8.28**	**0.004**	**0.007**	**0.004**
GEOM MEAN				**4**	**269**	**425**	**1.79**	**7.56**	**212**	**8.27**	**0.003**	**0.007**	**0.003**
MINIMUM				**1**	**195**	**300**	**0.77**	**1.950**	**137**	**7.65**	**0.001**	**0.005**	**0.001**
STD DEV (GEOM *)				**5**	**36**	**56**	**3.95**	**2.68**	**33**	**0.34**	**0.002**	**0.002**	**0.003**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**10**	**12**	**8**	**3**	**9**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **OLD HIGHWAY NO 8 FREEPORT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-041-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0547700.0 4807600.0 4** REGION: **02** DISTANCE: **162.539**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:		*SAMPLE*		*FWSTRC*		*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 0931		.3	1	39031	6 4	750	8000	10I	10I	0.5	12.0	5.5	0.355
81 02 18 0911		.3	1	39072	6 3	14000	150000	1340	3000>	0.5	12.2	4.6	0.308
81 03 24 1006		.3	1	39113	8 6	180	300	20<	20<	3.0	12.30		0.050
81 04 29 1020		.3	1	39154	9	1300	1500>	50A	120	10.0			0.038
81 05 20 1000		.3	1	39195	6 8	1400A	39000	10<	10<	14.0	12.00		0.034
81 06 10 0950		.3	1	39236	8 6	400A	45000	64	52	17.0	7.20		0.110
81 07 29 1300		.3	1	39277	5	11000A	310000	1800	540	18.8	10.70		0.078
81 08 11 0935		.3	1	39318	5	1300A	46000	230	310	22.0	6.80		0.080
81 09 01 0912		.3	1	39359	3 9	5000A	330000	4200	490	20.5	7.80		0.292
81 10 28 0935		.3	1	39400	3	49000	180000	6500	13100	7.5	10.50		0.362
81 11 25 0930		.3	1	39441	9	70A	330	40A	10A	0.5	13.60		0.033
81 12 03 1300		.3	1	39482	8 6	11000	45000	740	1640	1.0	12.00		0.092
MAXIMUM						**49000**	**330000**	**6500**	**13100**	**22.0**	**13.60**	**5.5**	**0.362**
ARITH MEAN						**7950**	**104875**	**1497**	**1808**	**9.6**	**10.6**	**5.0**	**0.153**
GEOM MEAN						**1984**	**27892**	**328**	**218**	**4.4**	**10.3**	**5.0**	**0.104**
MINIMUM						**70**	**300**	**10**	**10**	**0.5**	**6.80**	**4.6**	**0.033**
STD DEV (GEOM *)						**7***	**12***	**9***	**10***	**8.5**	**2.3**	**0.6**	**0.134**
# SAMPLES (IN STATISTICS)						**12**	**11**	**10**	**9**	**12**	**11**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:		*SAMP*		*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 0931		.3	1	0.036	0.182	2.400	0.078	2.520		2.780	2.218	4.998	575.0
81 02 18 0911		.3	1	0.135	0.740	2.080	0.074	3.480		4.294	1.340	5.634	419.00
81 03 24 1006		.3	1	0.020	0.290	0.90	0.047	3.750	3.800	4.087	0.610	4.697	
81 04 29 1020		.3	1	0.003	0.068	0.83	0.047	2.960	3.000	3.075	0.762	3.837	
81 05 20 1000		.3	1	0.001	0.044	0.73	0.001	0.030	0.030	0.075	0.686	0.761	
81 06 10 0950		.3	1	0.010	0.010	1.00	0.012	1.340	1.350	1.362	0.990	2.352	
81 07 29 1300		.3	1	0.016	0.012	0.70	0.035	1.360	1.400	1.407	0.688	2.095	
81 08 11 0935		.3	1	0.015	0.010	0.88	0.002	1.350	1.350	1.362	0.870	2.232	
81 09 01 0912		.3	1	0.097	0.004	1.80	0.019	3.830	3.850	3.853	1.796	5.649	
81 10 28 0935		.3	1	0.091	0.050	1.82	0.077	4.120	4.200	4.247	1.770	6.017	
81 11 25 0930		.3	1	0.012	0.040	0.80	0.035	3.120	3.150	3.195	0.760	3.955	
81 12 03 1300		.3	1	0.038	0.064	0.92	0.081	3.670	3.750	3.815	0.856	4.671	
MAXIMUM				**0.135**	**0.740**	**2.400**	**0.081**	**4.120**	**4.200**	**4.294**	**2.218**	**6.017**	**575.0**
ARITH MEAN				**0.039**	**0.126**	**1.23**	**0.042**	**2.627**	**2.588**	**2.796**	**1.112**	**3.908**	**497.0**
GEOM MEAN				**0.019**	**0.046**	**1.12**	**0.024**	**1.817**	**1.668**	**2.061**	**1.013**	**3.432**	**490.8**
MINIMUM				**0.001**	**0.004**	**0.70**	**0.001**	**0.030**	**0.030**	**0.075**	**0.610**	**0.761**	**419.00**
STD DEV (GEOM *)				**0.044**	**0.211**	**0.60**	**0.030**	**1.306**	**1.434**	**1.410**	**0.537**	**1.686**	**110.3**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:		*RSP*		*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 14 0931		.3	1	175.0	400.0	640.0	27.00	25.500	7.76			
81 02 18 0911		.3	1	60.00	359.00	560.0	14.00	46.000	7.56			
81 03 24 1006		.3	1	8	428	660	4.90	39.00	8.16	3	10	4.9
81 04 29 1020		.3	1	6	373	560	2.30	32.00	8.09	1<T	13	6.0
81 05 20 1000		.3	1	4	314	510	1.70	31.00	8.52	1<T	21	6.3
81 06 10 0950		.3	1	102	324	530	17.00	30.00	8.22	1<T	44	6.8
81 07 29 1300		.3	1	21.3	201	450	2.20	25.00	8.24	1<T	18	6.3
81 08 11 0935		.3	1	22.9	335	470	2.20	30.50	8.09	1<T	28	6.0
81 09 01 0912		.3	1	77.2	336	500	6.20	24.50	7.75	1<T	34	7.5
81 10 28 0935		.3	1	108.0	346	560	24.00	20.50	8.10	1<T	42	8.3
81 11 25 0930		.3	1	2.8	330	600	3.10	24.50	8.42	1<T	9	6.8
81 12 03 1300		.3	1	19.7	323	560	9.30	19.50	8.38	1<T	4	6.8
MAXIMUM				**175.0**	**428**	**660**	**27.00**	**46.000**	**8.52**	**3**	**44**	**8.3**
ARITH MEAN				**50**	**339**	**550**	**9.49**	**29.00**	**8.11**	**1<A**	**22**	**6.6**
GEOM MEAN				**24**	**334**	**546**	**6.08**	**28.16**	**8.10**	**1<A**	**18**	**6.5**
MINIMUM				**2.8**	**201**	**450**	**1.70**	**19.50**	**7.56**	**1**	**4**	**4.9**
STD DEV (GEOM *)				**54**	**55**	**63**	**8.97**	**7.60**	**0.29**	**1<A**	**14**	**0.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **SPEED RIVER**
SAMPLE POINT: **AT WOODLAWN ROAD, GUELPH UL-2**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-043-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0558890.0 4824130.0 4** REGION: **02** DISTANCE: **180.081**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1024		.3	1	39016	6	50	440	6	4	1.5	13.6	0.4	0.020
81 02 25 1055		.3	1	39057	6 3	7900C	25000	10<	160	1.0	13.6	1.2	0.078
81 03 25 1111		.3	1	39098	8 6	140	510	10A	10<	4.0	13.40		0.019
81 04 28 1132		.3	1	39139	8 6	420	2600	70A	40A	9.0	11.80		0.020
81 05 13 1105		.3	1	39180	3	510	2500	10A	40A	10.5	11.60		0.030
81 06 16 1030		.3	1	39221	8 6	1700	12000	40A	110	17.5	10.40		0.028
81 07 14 1050		.3	1	39262	8 6	190A	5300	80A	30A	18.5	9.50		0.050
81 08 06 1048		.3	1	39303	8 6	1100	24500	80A	120A	19.5	8.10		0.020
81 09 10 1040		.3	1	39344	8 6	1300	18000	620	410	18.0	9.30		0.028
81 10 14 1112		.3	1	39385	8 6	300	3400	90A	90A	9.5	11.10		0.318
81 11 19 1025		.3	1	39426	8 6	210A	12400	90A	90A	5.0	11.00		0.115
81 12 10 1035		.3	1	39467	8 6	140A	1360	60A	10<	0.5	13.00		0.030
MAXIMUM						**7900**	**25000**	**620**	**410**	**19.5**	**13.6**	**1.2**	**0.318**
ARITH MEAN						**1163**	**9001**	**105**	**109**	**9.5**	**11.3**	**0.8**	**0.063**
GEOM MEAN						**437**	**4440**	**48**	**65**	**5.8**	**11.2**	**0.7**	**0.040**
MINIMUM						**50**	**440**	**6**	**4**	**0.5**	**8.10**	**0.4**	**0.019**
STD DEV (GEOM *)						**4***	**4***	**4***	**3***	**7.3**	**1.8**	**0.6**	**0.085**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**12**	**12**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1024		.3	1	0.003	0.122	0.650	0.012	1.240		1.374	0.528	1.902	335.0
81 02 25 1055		.3	1	0.029	0.208	0.900	0.083	2.520		2.811	0.692	3.503	268.0
81 03 25 1111		.3	1	0.005	0.050	0.52	0.019	2.680	2.700	2.749	0.470	3.219	
81 04 28 1132		.3	1	0.001	0.050	0.63	0.018	1.680	1.700	1.748	0.580	2.328	
81 05 13 1105		.3	1	0.001	0.044	0.67	0.063	1.290	1.350	1.397	0.626	2.023	
81 06 16 1030		.3	1	0.002	0.042	0.58	0.073	0.975	1.050	1.090	0.538	1.628	
81 07 14 1050		.3	1	0.004	0.002	0.75	0.027	0.845	0.870	0.874	0.748	1.622	
81 08 06 1048		.3	1	0.006	0.004	0.59	0.001<T	0.665	0.665	0.670	0.586	1.256	
81 09 10 1040		.3	1	0.002	0.036	0.72	0.055	0.475	0.530	0.566	0.684	1.250	
81 10 14 1112		.3	1	0.190	0.060	0.80	0.060	0.255	0.315	0.375	0.740	1.115	
81 11 19 1025		.3	1	0.085	0.014	0.75	0.002	1.150	1.150	1.166	0.736	1.902	
81 12 10 1035		.3	1	0.001	0.036	0.69	0.038	1.360	1.400	1.434	0.654	2.088	
MAXIMUM				**0.190**	**0.208**	**0.900**	**0.083**	**2.680**	**2.700**	**2.811**	**0.748**	**3.503**	**335.0**
ARITH MEAN				**0.027**	**0.056**	**0.68**	**0.038<A**	**1.261**	**1.173**	**1.354**	**0.632**	**1.986**	**301.5**
GEOM MEAN				**0.005**	**0.032**	**0.68**	**0.022<A**	**1.054**	**1.001**	**1.159**	**0.625**	**1.872**	**299.6**
MINIMUM				**0.001**	**0.002**	**0.52**	**0.001**	**0.255**	**0.315**	**0.375**	**0.470**	**1.115**	**268.0**
STD DEV (GEOM *)				**0.057**	**0.057**	**0.10**	**0.028<A**	**0.741**	**0.684**	**0.776**	**0.092**	**0.742**	**47.4**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 20 1024		.3	1	5.0	330.0	540.0	2.20	15.500	8.02			
81 02 25 1055		.3	1	14.0	254.0	405.0	3.10	15.000	7.89			
81 03 25 1111		.3	1	2	328	520	1.80	21.00	8.10	1<T	25	4.5
81 04 28 1132		.3	1	4	279	430	1.30	17.00	8.47	1<T	23	5.3
81 05 13 1105		.3	1	8	286	440	1.10	16.50	8.46	1<T	12	6.3
81 06 16 1030		.3	1	2	288	435	1.20	17.50	8.40	1<T	6	6.3
81 07 14 1050		.3	1	4	248	420	1.30	16.50	8.15	1<T	26	6.1
81 08 06 1048		.3	1	4.1	287	430	0.68	17.00	7.92	1<T	26	6.5
81 09 10 1040		.3	1	6.6	294	444	2.20	15.50	8.11	1<T	27	9.4
81 10 14 1112		.3	1	11.0	288	430	2.80	16.00	8.77	1<T	19	8.0
81 11 19 1025		.3	1	5.8	319	500	3.50	19.00	8.38	1<T	21	8.0
81 12 10 1035		.3	1	3.7	299	520	2.10	19.00	8.50	1<T	16	7.4
MAXIMUM				**14.0**	**330.0**	**540.0**	**3.50**	**21.00**	**8.77**	**1**	**27**	**9.4**
ARITH MEAN				**5**	**291**	**459**	**1.94**	**17.12**	**8.26**	**1<A**	**20**	**6.8**
GEOM MEAN				**5**	**290**	**457**	**1.75**	**17.04**	**8.26**	**1<A**	**19**	**6.6**
MINIMUM				**2**	**248**	**405.0**	**0.68**	**15.000**	**7.89**	**1**	**6**	**4.5**
STD DEV (GEOM *)				**3**	**25**	**46**	**0.87**	**1.76**	**0.27**	**0<A**	**7**	**1.4**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **FAIRCHILD CREEK**
SAMPLE POINT: **FIRST CONC DOWNSTREAM FROM ST GEORGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GB007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-044-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0561450.0 4786500.0 4** REGION: **02** DISTANCE: **107.501**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5
81 01 22 0933		.3	1	39000	6	0.500	3900	9000	830	580	0.5	12.2	0.4
81 02 17 0918		.3	1	39041	6 3	6.900	88000C	610000	960	3000>	0.5	12.2	5.5
81 03 26 1011		.3	1	39082	6 8	1.930	700A	4600	100A	50A	4.0	13.00	0.4
81 04 22 0935		.3	1	39123	8 6	2.750	1120	6000>	30A	150	8.0	12.2	1.0
81 05 07 0919		.3	1	39164	8 6	1.980	2550	15000>	90A	140	10.5	9.70	0.4
81 06 23 0903		.3	1	39205	7 3	2.840	135000A	1100000	6800	5800	16.5	8.30	2.2
81 07 21 0927		.3	1	39246	7 3	1.370	25000A	450000	3500	3100	20.3	7.00	3.2
81 08 19 0935		.3	1	39287	7	0.485	10000	130000	600A	400A	17.0	8.70	0.8
81 09 23 0935		.3	1	39328	7	3.880	21000	130000	5100	3000	10.0	9.60	0.4
81 10 27 0903		.3	1	39369	3	8.640	41000	72000	140	630	8.5	10.80	1.2
81 11 05 0920		.3	1	39410	8 6	3.360	6200	3400	80A	1260	6.8	11.00	1.8U
81 12 15 0907		.3	1	39451	8 6	1.660	560	2800	120A	20A	0.5	13.00	0.6
MAXIMUM						**8.640**	**135000**	**1100000**	**6800**	**5800**	**20.3**	**13.00**	**5.5**
ARITH MEAN						**3.025**	**27919**	**251180**	**1529**	**1375**	**8.6**	**10.6**	**1.5**
GEOM MEAN						**2.199**	**8005**	**52009**	**408**	**463**	**4.8**	**10.4**	**1.0**
MINIMUM						**0.485**	**560**	**2800**	**30**	**20**	**0.5**	**7.00**	**0.4**
STD DEV (GEOM *)						**2.472**	**6***	**10***	**6***	**6***	**6.7**	**1.9**	**1.5**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**12**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI
81 01 22 0933		.3	1	0.085	0.028	0.250	0.820	0.024	2.400		2.674	0.570	3.244
81 02 17 0918		.3	1	0.410	0.155	0.710	2.200	0.067	2.240		3.017	1.490	4.507
81 03 26 1011		.3	1	0.046	0.012	0.032	0.91	0.017	1.830	1.850	1.879	0.878	2.757
81 04 22 0935		.3	1	0.066	0.039	0.042	0.57	0.016	1.330	1.350	1.388	0.528	1.916
81 05 07 0919		.3	1	0.098	0.053	0.050	0.56	0.062	1.390	1.450	1.502	0.510	2.012
81 06 23 0903		.3	1	0.428	0.074	0.010	1.35	0.003	8.500	8.50	8.513	1.340	9.853
81 07 21 0927		.3	1	0.290	0.093	0.006	1.20	0.005	3.850	3.850	3.861	1.194	5.055
81 08 19 0935		.3	1	0.315	0.280	0.020	0.70	0.038	1.060	1.100	1.118	0.680	1.798
81 09 23 0935		.3	1	0.084	0.049	0.020	0.78	0.045	3.300	3.350	3.365	0.760	4.125
81 10 27 0903		.3	1	0.175	0.160	0.070	0.72	0.036	3.260	3.300	3.366	0.650	4.016
81 11 05 0920		.3	1	0.190	0.180	0.004	0.64	0.080	2.830	2.950	2.914	0.636	3.550
81 12 15 0907		.3	1	0.051	0.030	0.058	0.48	0.027	3.320	3.350	3.405	0.422	3.827
MAXIMUM				**0.428**	**0.280**	**0.710**	**2.200**	**0.080**	**8.500**	**8.50**	**8.513**	**1.490**	**9.853**
ARITH MEAN				**0.186**	**0.096**	**0.106**	**0.91**	**0.035**	**2.942**	**3.10**	**3.083**	**0.805**	**3.888**
GEOM MEAN				**0.140**	**0.067**	**0.036**	**0.82**	**0.025**	**2.514**	**2.60**	**2.669**	**0.744**	**3.478**
MINIMUM				**0.046**	**0.012**	**0.004**	**0.48**	**0.003**	**1.060**	**1.100**	**1.118**	**0.422**	**1.798**
STD DEV (GEOM *)				**0.140**	**0.081**	**0.201**	**0.48**	**0.025**	**1.970**	**2.14**	**1.936**	**0.350**	**2.153**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	CUUT	PBUT
81 01 22 0933		.3	1	518.0	31.0	487.0	720.0	11.00	23.000		8.11		
81 02 17 0918		.3	1	371.0	100.0	271.0	420.0	45.00	20.500		7.43		
81 03 26 1011		.3	1		12	403	660	8.20	24.50	236	8.20	0.003	0.003<
81 04 22 0935		.3	1		10	418	660	3.30	2.60	242	8.41	0.003	0.003<
81 05 07 0919		.3	1		19	415	640	6.00	24.50	249	8.13	0.001<	0.003<
81 06 23 0903		.3	1		83	464	660	27.00	25.50	215	8.03	0.005	0.003<
81 07 21 0927		.3	1				490	28.00	19.50	199	7.66	0.004	0.003<
81 08 19 0935		.3	1		17.7	479	700	5.30	27.50	254	8.29	0.010	0.003<
81 09 23 0935		.3	1		10.9	414	705	1.71	25.50	268	8.06	0.010	0.007
81 10 27 0903		.3	1		13.0	461	690	2.40	24.00	270	8.09	0.014	0.009
81 11 05 0920		.3	1		7.4	496	720	2.70	25.00	289	8.08	0.020	0.003<
81 12 15 0907		.3	1		13.3	423	730	4.70	24.50	184	8.52	0.008	0.007
MAXIMUM				**518.0**	**100.0**	**496**	**730**	**45.00**	**27.50**	**289**	**8.52**	**0.020**	**0.009**
ARITH MEAN				**444.5**	**28**	**430**	**649**	**12.11**	**22.21**	**241**	**8.08**	**0.009**	**0.008**
GEOM MEAN				**438.4**	**19**	**425**	**641**	**7.11**	**19.86**	**238**	**8.08**	**0.007**	**0.008**
MINIMUM				**371.0**	**7.4**	**271.0**	**420.0**	**1.71**	**2.60**	**184**	**7.43**	**0.003**	**0.007**
STD DEV (GEOM *)				**103.9**	**31**	**62**	**96**	**13.75**	**6.54**	**33**	**0.30**	**0.006**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**11**	**11**	**12**	**12**	**12**	**10**	**12**	**9**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				ZNUT
81 03 26 1011		.3	1	0.012
81 04 22 0935		.3	1	0.010
81 05 07 0919		.3	1	0.007
81 06 23 0903		.3	1	0.010
81 07 21 0927		.3	1	0.012
81 08 19 0935		.3	1	0.006
81 09 23 0935		.3	1	0.013
81 10 27 0903		.3	1	0.012
81 11 05 0920		.3	1	0.080
81 12 15 0907		.3	1	0.009
MAXIMUM				**0.080**
ARITH MEAN				**0.017**
GEOM MEAN				**0.012**
MINIMUM				**0.006**
STD DEV (GEOM *)				**0.022**
# SAMPLES (IN STATISTICS)				**10**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **NITH RIVER**
SAMPLE POINT: **FIRST CONC DOWNSTREAM FROM WELLESLY**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-045-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0521050.0 4811250.0 4** REGION: **02** DISTANCE: **230.935**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1109		.3	1	39034	6 4	500	3400	110	180	0.5	11.2	1.0	0.078
81 02 18 1024		.3	1	39075	6 3	25000C	340000	2280	3000>	0.5	12.2	5.0	0.545
81 03 24 1115		.3	1	39116	6 8	2300	1200	40A	40A	3.0	12.00	1.2	0.067
81 04 29 1130		.3	1	39157	3	3600	30000>	810	540			3.0	0.242
81 05 20 1115		.3	1	39198	6 8	500A	51000	100	10<	14.0	11.60	0.8	0.036
81 06 10 1058		.3	1	39239	8 6	140	1500>	32	88	19.5	6.60	1.2	0.128
81 07 29 1425		.3	1	39280	8 6	2700A	73000	1140	580	20.0	9.50	2.0	0.152
81 08 11 1050		.3	1	39321	7	640A	10800	130	120	22.0	5.50	2.0	0.070
81 09 01 1036		.3	1	39362	7 3	9000A	400000	5800	1200	19.8	7.50	1.8	0.325
81 10 28 1038		.3	1	39403	3	38000	220000	6900	12500	7.8	9.60	2.8	0.365
81 11 25 1039		.3	1	39444	8 6	900A	49000	230	140	0.5	12.70	1.0	0.095
81 12 03 1404		.3	1	39485	8 6	26000A	440000	2100	8900	2.5	11.40	1.8	0.228
MAXIMUM						**38000**	**440000**	**6900**	**12500**	**22.0**	**12.70**	**5.0**	**0.545**
ARITH MEAN						**9107**	**158840**	**1639**	**2429**	**10.0**	**9.9**	**2.0**	**0.194**
GEOM MEAN						**2611**	**50403**	**453**	**462**	**4.6**	**9.6**	**1.7**	**0.145**
MINIMUM						**140**	**1200**	**32**	**40**	**0.5**	**5.50**	**0.8**	**0.036**
STD DEV (GEOM *)						**6***	**8***	**7***	**7***	**9.1**	**2.4**	**1.2**	**0.153**
# SAMPLES (IN STATISTICS)						**12**	**10**	**12**	**10**	**11**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1109		.3	1	0.054	0.480	1.080	0.039	4.160		4.679	0.600	5.279	446.0
81 02 18 1024		.3	1	0.240	0.980	2.680	0.070	5.280		6.330	1.700	8.030	347.00
81 03 24 1115		.3	1	0.038	0.162	0.76	0.030	4.470	4.500	4.662	0.598	5.260	
81 04 29 1130		.3	1		0.296	1.61	0.067				1.314		
81 05 20 1115		.3	1	0.011	0.060	0.79	0.032	4.420	4.450	4.512	0.730	5.242	
81 06 10 1058		.3	1	0.031	0.008	0.95	0.019	0.650	0.670	0.677	0.942	1.619	
81 07 29 1425		.3	1	0.023	0.122	1.05	0.054	1.300	1.350	1.476	0.928	2.404	
81 08 11 1050		.3	1	0.027	0.006	0.90	0.001<T	1.150	1.150	1.157	0.894	2.051	
81 09 01 1036		.3	1	0.205	0.004	1.72	0.060	7.44	7.50	7.504	1.716	9.220	
81 10 28 1038		.3	1	0.190	0.080	1.60	0.005	4.450	4.450	4.535	1.520	6.055	
81 11 25 1039		.3	1	0.068	0.052	0.83	0.058	4.590	4.650	4.700	0.778	5.478	
81 12 03 1404		.3	1	0.135	0.074	1.22	0.094	5.650	5.750	5.818	1.146	6.964	
MAXIMUM				**0.240**	**0.980**	**2.680**	**0.094**	**7.44**	**7.50**	**7.504**	**1.716**	**9.220**	**446.0**
ARITH MEAN				**0.093**	**0.194**	**1.26**	**0.044<A**	**3.96**	**3.83**	**4.186**	**1.072**	**5.237**	**396.5**
GEOM MEAN				**0.060**	**0.068**	**1.17**	**0.029<A**	**3.20**	**2.98**	**3.386**	**1.005**	**4.608**	**393.4**
MINIMUM				**0.011**	**0.004**	**0.76**	**0.001**	**0.650**	**0.670**	**0.677**	**0.598**	**1.619**	**347.00**
STD DEV (GEOM *)				**0.084**	**0.284**	**0.55**	**0.028<A**	**2.09**	**2.30**	**2.192**	**0.404**	**2.422**	**70.0**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**11**	**9**	**11**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 01 14 1109		.3	1	14.0	432.0	680.0	3.60	21.500		7.69			
81 02 18 1024		.3	1	80.00	267.00	410.0	30.00	22.000		7.46			
81 03 24 1115		.3	1	7	393	580	4.40	20.00	231	8.12	0.003	0.003<	0.003
81 04 29 1130		.3	1	40	359	520	2.50	22.00	191	7.92	0.004	0.003<	0.076
81 05 20 1115		.3	1	6	352	560	1.20	21.00	210	8.51	0.003	0.003<	0.001
81 06 10 1058		.3	1	16	227	440	6.50	19.50	172	8.28	0.002	0.003<	0.004
81 07 29 1425		.3	1	36.8	291	440	4.30	18.00	185	8.02	0.004	0.003<	0.007
81 08 11 1050		.3	1	8.3	322	485	2.00	27.00	167	7.92	0.007	0.011	0.004
81 09 01 1036		.3	1	50.8	349	470	14.50	17.50	166	8.00	0.010	0.003<	0.018
81 10 28 1038		.3	1	87.0	322	500	46.00	15.00	206	7.88	0.010	0.003<	0.024
81 11 25 1039		.3	1	4.7	407	660	6.60	19.00	271	8.31	0.008	0.006	0.006
81 12 03 1404		.3	1	28.8	319	520	35.00	18.50	209	8.19	0.002	0.003<	0.013
MAXIMUM				**87.0**	**432.0**	**680.0**	**46.00**	**27.00**	**271**	**8.51**	**0.010**	**0.011**	**0.076**
ARITH MEAN				**31**	**336**	**522**	**13.05**	**20.08**	**201**	**8.02**	**0.005**	**0.008**	**0.016**
GEOM MEAN				**20**	**331**	**516**	**6.93**	**19.88**	**199**	**8.02**	**0.004**	**0.008**	**0.008**
MINIMUM				**4.7**	**227**	**410.0**	**1.20**	**15.00**	**166**	**7.46**	**0.002**	**0.006**	**0.001**
STD DEV (GEOM *)				**28**	**58**	**84**	**15.24**	**2.99**	**33**	**0.28**	**0.003**	**0.004**	**0.022**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**2**	**10**

B.O.W./ SITE: **CANAGAGIGUE CREEK**
SAMPLE POINT: **FIRST CONCESSION NORTH OF ELMIRA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-051-02**
STORET CODE: **02 003 0150**

LAT: LONG: U.T.M: **17 0535475.0 4829125.0 4** REGION: **02** DISTANCE: **207.922**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 21 1034		.3	1	39028	6 4	1300	7900	170	80<	0.5	13.8	1.2	0.102
81 02 26 1001		.3	1	39069	6 3	700I	9400	140	870	0.5	14.2	1.9	0.262
81 03 31 1000		.3	1	39106	3	750	1800	360	1130	6.0	14.60	1.0	0.098
81 04 30 1030		.3	1	39147	9	170	2800	10A	10<			1.4	0.110
81 05 21 1005		.3	1	39188	9	1100	8300	210	10A			1.8	0.088
81 06 18 1015		.3	1	39229	9	3300A	36000	2200	250	18.0	9.10	2.6	0.155
81 07 07 1005		.3	1	39270	9	1300A	35000	1010	150	20.7	9.50	1.8	0.158
81 08 25 1015		.3	1	39311	9	10000	190000	4400	2500	19.0	6.60	4.6	0.128
81 09 16 1000		.3	1	39352	5 9	1900A	54000	910	320	18.0	8.20	4.0	0.232
81 10 21 1015		.3	1	39393	8 6	3300	21000	1060	560	7.2	11.60	3.2	0.208
81 11 12 1018		.3	1	39434	8 6	300A	800A	110	10A	4.0	12.40	5.2	0.258
81 12 08 1010		.3	1	39475	8 6	1800	10300	300	410	1.0	11.80	1.0	0.098
MAXIMUM						**10000**	**190000**	**4400**	**2500**	**20.7**	**14.60**	**5.2**	**0.262**
ARITH MEAN						**2160**	**31442**	**907**	**621**	**9.5**	**11.1**	**2.5**	**0.158**
GEOM MEAN						**1275**	**11753**	**365**	**242**	**4.7**	**10.8**	**2.1**	**0.146**
MINIMUM						**170**	**800**	**10**	**10**	**0.5**	**6.60**	**1.0**	**0.088**
STD DEV (GEOM *)						3*	5*	5*	6*	8.4	2.7	1.5	0.066
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**10**	**10**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 21 1034		.3	1	0.047	0.324	0.850	0.029	5.130		5.483	0.526	6.009	431.00
81 02 26 1001		.3	1	0.140	0.560	1.580	0.039	7.210		7.809	1.020	8.829	301.00
81 03 31 1000		.3	1	0.024	0.160	1.15	0.037	13.000	13.000	13.197	0.990	14.187	
81 04 30 1030		.3	1	0.009	0.144	1.18	0.054	0.130		0.328	1.036	1.364	
81 05 21 1005		.3	1	0.020	0.008	0.92	0.055	5.69	5.75	5.753	0.912	6.665	
81 06 18 1015		.3	1	0.037	0.004	1.11	0.006	4.090	4.100	4.100	1.106	5.206	
81 07 07 1005		.3	1	0.093	0.004	0.75	0.002	3.050	3.050	3.056	0.746	3.802	
81 08 25 1015		.3	1	0.032	0.010	0.92	0.002	1.950	1.950	1.962	0.910	2.872	
81 09 16 1000		.3	1	0.025	0.004	1.25	0.005	2.840	2.850	2.849	1.246	4.095	
81 10 21 1015		.3	1	0.069	0.006	1.62	0.021	3.670	3.700	3.697	1.614	5.311	
81 11 12 1018		.3	1	0.130	0.182	1.55	0.430	4.670	5.100	5.282	1.368	6.650	
81 12 08 1010		.3	1	0.055	0.020	0.95	0.320	7.430	7.750	7.770	0.930	8.700	
MAXIMUM				**0.140**	**0.560**	**1.62**	**0.430**	**13.000**	**13.000**	**13.197**	**1.614**	**14.187**	**431.00**
ARITH MEAN				**0.057**	**0.119**	**1.15**	**0.083**	**4.90**	**5.25**	**5.107**	**1.034**	**6.141**	**366.00**
GEOM MEAN				**0.043**	**0.030**	**1.11**	**0.024**	**3.47**	**4.50**	**3.871**	**0.997**	**5.298**	**360.18**
MINIMUM				**0.009**	**0.004**	**0.75**	**0.002**	**0.130**	**1.950**	**0.328**	**0.526**	**1.364**	**301.00**
STD DEV (GEOM *)				**0.043**	**0.173**	**0.29**	**0.140**	**3.29**	**3.38**	**3.377**	**0.283**	**3.355**	**91.92**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**9**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 21 1034		.3	1	27.00	404.00	660.0	13.00	1.450	52.000	260.0	7.91	1.000<	1.300
81 02 26 1001		.3	1	41.00	260.000	400.0	38.00	14.000	21.000	137.0	7.89	1.000<	2.500
81 03 31 1000		.3	1	3	333	560	3.20	22.00	34.5	199	8.09	1 <T	
81 04 30 1030		.3	1	13	314	490	2.80	19.50	35.5	177	8.27	1 <T	
81 05 21 1005		.3	1	29	302	500	13.00	18.50	37.0	184	8.33	1 <T	
81 06 18 1015		.3	1	38	299	485	12.00	18.50	38.5	181	8.01	1 <T	
81 07 07 1005		.3	1	14	321	490	10.00	19.00	34.5	192	8.37	1 <T	
81 08 25 1015		.3	1	42.8	261	450	4.00	18.50	40.0	169	7.79	1 <T	
81 09 16 1000		.3	1			485	22.00	19.50	45.5	187	7.70		
81 10 21 1015		.3	1	65.0	328	495	4.70	21.00	40.5	194	8.04	1 <T	
81 11 12 1018		.3	1	21.2	347	560	9.50	22.50	45.0	223	8.28	1 <T	
81 12 08 1010		.3	1	13.8	365	640	12.00	22.00	44.0	256	8.31	7	
MAXIMUM				**65.0**	**404.00**	**660.0**	**38.00**	**22.50**	**52.000**	**260.0**	**8.37**	**7**	**2.500**
ARITH MEAN				**27**	**321**	**517**	**12.02**	**18.03**	**39.0**	**196**	**8.08**	**1 <A**	**1.900**
GEOM MEAN				**21**	**318**	**513**	**9.11**	**15.62**	**38.1**	**193**	**8.08**	**1 <A**	**1.803**
MINIMUM				**3**	**260.000**	**400.0**	**2.80**	**1.450**	**21.000**	**137.0**	**7.70**	**1**	**1.300**
STD DEV (GEOM *)				**17**	**42**	**74**	**9.85**	**5.70**	**7.7**	**35**	**0.23**	**2 <A**	**0.849**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG
81 01 21 1034		.3	1		81.000	26.000	70.000>	2.10	10.000	16		0.001<	0.060<
81 02 26 1001		.3	1		50.000	12.500	70.000>	2.40	12.300	21		0.001<	0.040<
81 03 31 1000		.3	1	221	59.0	18.00				12	4.1		
81 04 30 1030		.3	1	198	48.0	19.00				11	3.7		
81 05 21 1005		.3	1	215	53.0	20.00				19	4.2		
81 06 18 1015		.3	1	226	56	21				35	4.5		
81 07 07 1005		.3	1	211	50.0	21.00				33	4.5		
81 08 25 1015		.3	1	190	43.2	20.00				24	5.2		
81 09 16 1000		.3	1	223	52.2	22.50				45	5.8		
81 10 21 1015		.3	1	227	53.0	23.00				17	6.2		
81 11 12 1018		.3	1	278	70.0	25.00				30	5.2		
81 12 08 1010		.3	1	314	87.0	23.50				-4	4.3		0.19
MAXIMUM				**314**	**87.0**	**26.000**		**2.40**	**12.300**	**45**	**6.2**		**0.19**
ARITH MEAN				**230**	**58**	**20**		**2.25**	**11.150**	**24**	**4.8**		**0.19**
GEOM MEAN				**228**	**57**	**20**		**2.24**	**11.091**	**22**	**4.7**		
MINIMUM				**190**	**43.2**	**12.500**		**2.10**	**10.000**	**11**	**3.7**		**0.19**
STD DEV (GEOM *)				**38**	**13**	**3**		**0.21**	**1.628**	**11**	**0.8**		
# SAMPLES (IN STATISTICS)				**10**	**12**	**12**		**2**	**2**	**11**	**10**		**1**

(CONTD)

B.O.W./ SITE: **CANAGAGIGUE CREEK**
SAMPLE POINT: **FIRST CONCESSION NORTH OF ELMIRA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-051-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0535475.0 4829125.0 4** REGION: **02** DISTANCE: **207.922**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 21 1034	.3	1		0.001	0.002	0.004	0.0002<	0.005	0.152		0.003 <	0.0005<
81 02 26 1001	.3	1	2.200	0.003	0.006	0.003<	0.0004	0.014	0.084		0.003 <	0.001 <
81 03 31 1000	.3	1		0.004	0.003	0.003<	0.0002<	0.001			0.002 <	
81 04 30 1030	.3	1		0.002 <	0.001<	0.003<	0.0005	0.003			0.002 <	
81 05 21 1005	.3	1		0.002 <	0.001	0.003<	0.0002<	0.002			0.002 <	
81 06 18 1015	.3	1		0.0020<	0.002	0.003<	0.0002<	0.005			0.0030	
81 07 07 1005	.3	1		0.0030	0.002	0.003<	0.0002<	0.002			0.0020<	
81 08 25 1015	.3	1		0.0050	0.005	0.003<	0.0001<	0.005			0.0030	
81 09 16 1000	.3	1		0.0060	0.009	0.003<	0.0001<	0.011			0.0030	
81 10 21 1015	.3	1		0.0030	0.005	0.009	0.0005	0.010			0.0010<	
81 11 12 1018	.3	1		0.0040	0.007	0.006	0.0003	0.017			0.0040	
81 12 08 1010	.3	1		0.004	0.007	0.006	0.0002	0.007			0.003	
MAXIMUM			**2.200**	**0.0060**	**0.009**	**0.009**	**0.0005**	**0.017**	**0.152**	**0.0040**		
ARITH MEAN			**2.200**	**0.003**	**0.004**	**0.006**	**0.0004**	**0.007**	**0.118**	**0.003**		
GEOM MEAN				**0.003**	**0.004**	**0.006**	**0.0004**	**0.005**	**0.113**	**0.003**		
MINIMUM			**2.200**	**0.001**	**0.001**	**0.004**	**0.0002**	**0.001**	**0.084**	**0.0030**		
STD DEV (GEOM *)				**0.001**	**0.003**	**0.002**	**0.0001**	**0.005**	**0.048**	**0.000**		
# SAMPLES (IN STATISTICS)			1	9	11	4	5	12	2	5		

B.O.W./ SITE: **CANAGAGIGUE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 19 FLORADALE**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA036**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-052-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0533890.0 4831150.0 4** REGION: **02** DISTANCE: **210.818**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1044	.3	1		39027	6	0.022	980	1700	190	360	0.5	11.6	0.4
81 02 26 1008	.3	1		39068	6 3	0.556	4100	5200	430	1080	0.5	13.8	0.6
81 03 31 1015	.3	1		39107	3	0.948					5.5	12.20	
81 04 30 1040	.3	1		39148	8 6	0.104							
81 05 21 1020	.3	1		39189	6 8	0.076							
81 06 18 1025	.3	1		39230	7	0.001					19.0	8.60	
81 07 07 1015	.3	1		39271		0.028	2100A	31000	280	80A			
81 08 25 1023	.3	1		39312	9	0.022	2700A	34000	310	50A	18.0	9.90	
81 09 16 1009	.3	1		39353	7	0.028	1700	23000	390	130	16.5	9.90	
81 10 21 1025	.3	1		39394	8	0.318	5200	15000	1240	910	6.8	11.60	
81 11 12 1035	.3	1		39435	8 6	0.062	1500	1900	100A	30A	3.0	12.60	
81 12 08 1025	.3	1		39476	8 6	0.126	1500	6100	350	110	1.5	12.20	
MAXIMUM						**0.948**	**5200**	**34000**	**1240**	**1080**	**19.0**	**13.8**	**0.6**
ARITH MEAN						**0.191**	**2472**	**14737**	**411**	**344**	**7.9**	**11.3**	**0.5**
GEOM MEAN						**0.063**	**2148**	**8839**	**324**	**167**	**4.0**	**11.2**	**0.5**
MINIMUM						**0.001**	**980**	**1700**	**100**	**30**	**0.5**	**8.60**	**0.4**
STD DEV (GEOM *)						**0.288**	**2***	**3***	**2***	**4***	**7.8**	**1.8**	**0.1**
# SAMPLES (IN STATISTICS)						**12**	**8**	**8**	**8**	**8**	**9**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 21 1044	.3	1		0.104	0.084	0.334	0.640	0.029	4.980		5.343	0.306	5.649
81 02 26 1008	.3	1		0.092	0.052	0.242	0.900	0.044	5.760		6.046	0.658	6.704
81 03 31 1015	.3	1		0.198	0.059	0.264	1.60	0.220	9.230	9.450	9.714	1.336	11.050
81 04 30 1040	.3	1		0.079	0.020	0.130	0.85	0.055	4.250	4.300	4.435	0.720	5.155
81 05 21 1020	.3	1		0.065	0.018	0.006	0.70	0.089	5.91	6.00	6.005	0.694	6.699
81 06 18 1025	.3	1		0.138	0.069	0.002	0.95	0.007	3.340	3.350	3.349	0.948	4.297
81 07 07 1015	.3	1		0.100	0.051	0.006	1.12		3.000	3.000		1.114	4.120
81 08 25 1023	.3	1		0.105	0.055	0.012	1.12	0.005	2.550	2.550	2.567	1.108	3.675
81 09 16 1009	.3	1		0.152	0.042	0.072	1.00	0.003	4.400	4.400	4.475	0.928	5.403
81 10 21 1025	.3	1		0.120	0.059	0.002<T	0.78	0.090	7.160	7.250	7.252	0.778	8.030
81 11 12 1035	.3	1		0.170	0.135	0.020	0.60	0.085	7.160	7.250	7.265	0.580	7.845
81 12 08 1025	.3	1		0.063	0.046	0.026	0.48	0.077	8.420	8.500	8.523	0.454	8.977
MAXIMUM				**0.198**	**0.135**	**0.334**	**1.60**	**0.220**	**9.230**	**9.450**	**9.714**	**1.336**	**11.050**
ARITH MEAN				**0.115**	**0.057**	**0.093<A**	**0.89**	**0.064**	**5.51**	**5.60**	**5.907**	**0.802**	**6.467**
GEOM MEAN				**0.109**	**0.051**	**0.027<A**	**0.85**	**0.035**	**5.11**	**5.11**	**5.518**	**0.746**	**6.140**
MINIMUM				**0.063**	**0.018**	**0.002**	**0.48**	**0.003**	**2.550**	**2.550**	**2.567**	**0.306**	**3.675**
STD DEV (GEOM *)				**0.042**	**0.031**	**0.120<A**	**0.30**	**0.062**	**2.15**	**2.42**	**2.174**	**0.297**	**2.201**
# SAMPLES (IN STATISTICS)				12	12	12	12	11	12	10	11	12	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	PH PH
81 01 21 1044	.3	1		394.0	5.0	389.0	640.0	3.80	3.050	8.01
81 02 26 1008	.3	1		376.0	12.0	364.0	540.0	6.40	16.500	8.11
81 03 31 1015	.3	1			62.0	351		27.00	18.00	7.90
81 04 30 1040	.3	1			18	317		6.30	19.00	8.18
81 05 21 1020	.3	1			14	348		4.50	18.50	8.36
81 06 18 1025	.3	1			14	331		3.50	16.00	7.98
81 07 07 1015	.3	1			21	360		2.60	18.00	8.34
81 08 25 1023	.3	1			12.2	304		1.40	17.50	7.82
81 09 16 1009	.3	1						1.80	19.50	8.03
81 10 21 1025	.3	1			10.0	456		2.90	22.00	8.42
81 11 12 1035	.3	1			6.9	425			20.50	8.46
81 12 08 1025	.3	1			6.8	370		3.20	20.50	8.39

(CONTD)

TEST-NAME:	RST	RSP	RSF	COND25	TURB	CLIDUR	PH
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH
MAXIMUM	394.0	62.0	456	640.0	27.00	22.00	8.46
ARITH MEAN	385.0	16	365	590.0	5.76	17.42	8.17
GEOM MEAN	384.9	12	362	587.9	3.98	16.03	8.16
MINIMUM	376.0	5.0	304	540.0	1.40	3.050	7.82
STD DEV (GEOM *)	12.7	15	44	70.7	7.22	4.84	0.22
# SAMPLES (IN STATISTICS)	2	11	11	2	11	12	12

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **CONC ROAD NO 13 NW OF MARSVILLE GR-3**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-067-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0558450.0 4856600.0 4** REGION: **02** DISTANCE: **243.809**

TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1220 .3 1	39021	6 4	280	5200	16	28	0.5	12.4	1.2	0.070
81 02 25 1320 .3 1	39062	6 3	1500	4500	40I	140	0.5	12.6	1.2	0.045
81 03 25 1233 .3 1	39103	8 6	230	2200	10<	10A	4.0	15.20		0.025
81 04 28 1335 .3 1	39144	9 6	340	3000>	10<	10A	12.0	12.10		0.169
81 05 13 1340 .3 1	39185	3 9	1320	3000>	100	70A	9.0	12.40		0.029
81 06 16 1255 .3 1	39226	9	1000	26000	60A	70A	23.0	11.30		0.028
81 07 14 1315 .3 1	39267	9	400A	18000	60A	20A	24.0	10.60		0.036
81 08 06 1320 .3 1	39308	9	200A	9700	40A	60A	22.8	10.20		0.025
81 09 10 1245 .3 1	39349	9	1600A	30000	110	80A	15.0	10.80		0.030
81 10 14 1330 .3 1	39390	9	120A	8600	40A	20A	9.5	14.40		
81 11 19 1218 .3 1	39431	7	4900	5000	90A	20A	3.5	11.40		0.022
81 12 10 1245 .3 1	39472	8 6	120A	2200	10A	20A	0.5	13.30		0.030
MAXIMUM			**4900**	**30000**	**110**	**140**	**24.0**	**15.20**	**1.2**	**0.169**
ARITH MEAN			**1001**	**11140**	**57**	**46**	**10.4**	**12.2**	**1.2**	**0.046**
GEOM MEAN			**520**	**7624**	**46**	**33**	**5.1**	**12.1**	**1.2**	**0.037**
MINIMUM			**120**	**2200**	**10**	**10**	**0.5**	**10.20**	**1.2**	**0.022**
STD DEV (GEOM *)			3*	3*	2*	2*	9.1	1.5	0.0	0.043
# SAMPLES (IN STATISTICS)			12	10	10	12	12	12	2	11

TEST-NAME:	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 20 1220 .3 1	0.009	0.162	0.880	0.009	0.741		0.912	0.718	1.630	337.0
81 02 25 1320 .3 1	0.017	0.068	0.650	0.016	1.180		1.264	0.582	1.846	230.0
81 03 25 1233 .3 1	0.007	0.092	0.63	0.007	0.810	0.815	0.909	0.538	1.447	
81 04 28 1335 .3 1	0.017	0.046	0.68	0.013	0.625	0.640	0.684	0.634	1.318	
81 05 13 1340 .3 1	0.005	0.044	0.84	0.021	0.605	0.635	0.670	0.796	1.466	
81 06 16 1255 .3 1	0.002	0.002<T	0.98	0.047	0.195	0.240	0.244	0.978	1.222	
81 07 14 1315 .3 1	0.002	0.048	0.94	0.031	0.035	0.065	0.114	0.892	1.006	
81 08 06 1320 .3 1	0.005	0.004	0.68	0.083	0.020	0.105	0.107	0.676	0.783	
81 09 10 1245 .3 1	0.012	0.030	0.88	0.005	0.395	0.400	0.430	0.850	1.280	
81 10 14 1330 .3 1		0.002	0.72	0.004	0.435	0.440	0.441	0.718	1.159	
81 11 19 1218 .3 1	0.002	0.008	0.68	0.047	0.625	0.670	0.680	0.672	1.352	
81 12 10 1245 .3 1	0.005	0.014	0.55	0.034	1.220	1.250	1.268	0.536	1.804	
MAXIMUM	**0.017**	**0.162**	**0.98**	**0.083**	**1.220**	**1.250**	**1.268**	**0.978**	**1.846**	**337.0**
ARITH MEAN	**0.008**	**0.043<A**	**0.75**	**0.026**	**0.574**	**0.526**	**0.844**	**0.716**	**1.359**	**283.5**
GEOM MEAN	**0.006**	**0.020<A**	**0.74**	**0.018**	**0.360**	**0.389**	**0.498**	**0.704**	**1.325**	**278.4**
MINIMUM	**0.002**	**0.002**	**0.55**	**0.004**	**0.020**	**0.065**	**0.107**	**0.536**	**0.783**	**230.0**
STD DEV (GEOM *)	**0.006**	**0.047<A**	**0.13**	**0.024**	**0.389**	**0.367**	**0.397**	**0.140**	**0.309**	**78.7**
# SAMPLES (IN STATISTICS)	11	12	12	12	12	10	12	12	12	2

TEST-NAME:	RSP	RSF	COND25	TURB	CLIDUR	PH	PHNOL	COD	DOC
SAMP DTE HOUR YR MO DY LMT / STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
81 01 20 1220 .3 1	27.0	310.0	490.0	7.80	8.050	7.67			
81 02 25 1320 .3 1	9.0	221.000	340.0	3.70	6.050	7.90			
81 03 25 1233 .3 1	3	273	435	1.90	8.60	8.22	1<T	29	8.1
81 04 28 1335 .3 1	2	294	460	1.30	12.00	8.51	1<T	29	8.8
81 05 13 1340 .3 1	8	289	440	2.20	8.00	8.33	1<T	59	13.2
81 06 16 1255 .3 1	3	292	440	1.70	8.65	8.64	1<T	47	13.4
81 07 14 1315 .3 1	3	239	465	1.70	11.50	8.57	1<T	38	13.0
81 08 06 1320 .3 1	3.7	182	280	1.39	5.20	8.43	1<T	10	9.3
81 09 10 1245 .3 1	4.9	303	460	2.40	7.05	8.30	1<T	47	14.8
81 10 14 1330 .3 1	7.0	315	460	0.87	7.95	8.84	1<T	19	11.2
81 11 19 1218 .3 1	1.6	330	510	1.67	9.45	8.24	1<T	21	10.5
81 12 10 1245 .3 1	2.2	333	520	2.20	9.65	8.36	1<T	31	9.0
MAXIMUM	**27.0**	**333**	**520**	**7.80**	**12.00**	**8.84**	**1**	**59**	**14.8**
ARITH MEAN	**6**	**281**	**441**	**2.40**	**8.51**	**8.33**	**1<A**	**33**	**11.1**
GEOM MEAN	**4**	**277**	**436**	**2.03**	**8.29**	**8.33**	**1<A**	**30**	**10.9**
MINIMUM	**1.6**	**182**	**280**	**0.87**	**5.20**	**7.67**	**1**	**10**	**8.1**
STD DEV (GEOM *)	7	45	68	1.84	1.98	0.32	0<A	15	2.3
# SAMPLES (IN STATISTICS)	12	12	12	12	12	12	10	10	10

B.O.W./ SITE: **CONESTOGO RIVER**
SAMPLE POINT: **STEEL BRIDGE AT GLEN ALLAN GR-12**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA028**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-077-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0524075.0 4833350.0 4** REGION: **02** DISTANCE: **223.049**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 21 1106		.3	1	39026	6	1.870	830C	2300	50I	10I	0.5	12.0	1.6
81 02 26 1022		.3	1	39067	6 3	13.700	4100	12500	1200	700	0.5	14.4	0.8
81 03 31 1031		.3	1	39108	3	11.600	340	250	180A	480	3.5	13.40	
81 04 30 1058		.3	1	39149	8 6	2.680	170	490	10<	10<			
81 05 21 1035		.3	1	39190	8 6	2.980	680A	3450	10<	80A			
81 06 18 1045		.3	1	39231	8 6	4.250	1300	6700	70A	60A	13.0	13.80	
81 07 07 1040		.3	1	39272		3.420	3500	16000	30A	30A			
81 08 25 1042		.3	1	39313	8	4.500	390A	9000	290	100	19.8	9.60	
81 09 16 1030		.3	1	39354	9	3.220	490A	13000	170	40A	17.8	9.20	
81 10 21 1050		.3	1	39395	9	14.300	700A	9800	60A	30A	8.8	11.60	
81 11 12 1057		.3	1	39436	9	4.600	200	540	30A	50A	5.5	14.40	
81 12 08 1048		.3	1	39477	8 6	12.400	3600	16000	80A	60A	1.0	13.20	
MAXIMUM						**14.300**	**4100**	**16000**	**1200**	**700**	**19.8**	**14.40**	**1.6**
ARITH MEAN						**6.627**	**1358**	**7502**	**216**	**149**	**7.8**	**12.4**	**1.2**
GEOM MEAN						**5.218**	**789**	**3913**	**105**	**69**	**3.9**	**12.2**	**1.1**
MINIMUM						**1.870**	**170**	**250**	**30**	**10**	**0.5**	**9.20**	**0.8**
STD DEV (GEOM *)						**4.811**	**3***	**4***	**3***	**3***	**7.5**	**1.9**	**0.6**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**10**	**11**	**9**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1106		.3	1	0.088	0.007	0.378	1.150	0.018	2.480		2.876	0.772	3.648
81 02 26 1022		.3	1	0.202	0.090	0.260	1.120	0.051	4.000		4.311	0.860	5.171
81 03 31 1031		.3	1	0.165	0.047	0.240	1.25	0.049	4.150	4.200	4.439	1.010	5.449
81 04 30 1058		.3	1	0.054	0.003	0.030	0.78	0.031	3.770	3.800	3.831	0.750	4.581
81 06 18 1045		.3	1	0.029	0.012	0.010	0.74	0.014	3.140	3.150	3.164	0.730	3.894
81 07 07 1040		.3	1	0.108	0.067	0.004	0.62	0.003	2.750	2.750	2.757	0.616	3.373
81 08 25 1042		.3	1	0.031	0.012	0.006	0.59	0.002	1.650	1.650	1.658	0.584	2.242
81 09 16 1030		.3	1	0.080	0.016	0.004	0.70	0.003	1.600	1.600	1.607	0.696	2.303
81 10 21 1050		.3	1	0.077	0.024	0.004	0.89	0.033	1.960	2.000	1.997	0.886	2.883
81 11 12 1057		.3	1			0.124	0.92	0.200	2.050	2.250	2.374	0.796	3.170
81 12 08 1048		.3	1	0.075	0.025	0.040	0.88	0.090	2.910	3.000	3.040	0.840	3.880
MAXIMUM				**0.202**	**0.090**	**0.378**	**1.25**	**0.200**	**4.150**	**4.200**	**4.439**	**1.010**	**5.449**
ARITH MEAN				**0.091**	**0.030**	**0.100**	**0.87**	**0.046**	**2.769**	**2.711**	**2.914**	**0.776**	**3.690**
GEOM MEAN				**0.077**	**0.020**	**0.029**	**0.85**	**0.020**	**2.628**	**2.572**	**2.759**	**0.768**	**3.551**
MINIMUM				**0.029**	**0.003**	**0.004**	**0.59**	**0.002**	**1.600**	**1.600**	**1.607**	**0.584**	**2.242**
STD DEV (GEOM *)				**0.055**	**0.029**	**0.133**	**0.22**	**0.058**	**0.920**	**0.919**	**0.982**	**0.123**	**1.058**
# SAMPLES (IN STATISTICS)				**10**	**10**	**11**	**11**	**11**	**11**	**9**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	COLOUR APPARENT HZU
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COLAP*
81 01 21 1106		.3	1	390.0	26.0	364.0	620.0	18.00	3.950	7.68		
81 02 26 1022		.3	1	255.0	47.0	208.000	320.0	50.00	9.000	7.89		
81 03 31 1031		.3	1		58	257	395	24.00		7.75	1<T	
81 04 30 1058		.3	1		10	260	400	2.50		8.76	1<T	20.1
81 05 21 1035		.3	1		10	262	420	5.50		8.58	1<T	16.1
81 06 18 1045		.3	1		4	253	430	2.00		8.48	1<T	17.9
81 07 07 1040		.3	1		11	277	420	5.50		8.25	1<T	25.8
81 08 25 1042		.3	1		9.7	254	390	1.23		7.77	1<T	10.3
81 09 16 1030		.3	1				430	8.00		8.08	1<T	38.6
81 10 21 1050		.3	1		39.0	295	440	2.20		8.30	1<T	24.7
81 11 12 1057		.3	1		6.4	307	520	5.10		8.56	1<T	26.5
81 12 08 1048		.3	1		11.6	272	500	9.30		8.46	1<T	31.1
MAXIMUM				**390.0**	**58**	**364.0**	**620.0**	**50.00**	**9.000**	**8.76**	**1**	**38.6**
ARITH MEAN				**322.5**	**21**	**273**	**440**	**11.11**	**6.475**	**8.21**	**1<A**	**23.5**
GEOM MEAN				**315.4**	**15**	**271**	**434**	**6.22**	**5.962**	**8.21**	**1<A**	**22.0**
MINIMUM				**255.0**	**4**	**208.000**	**320.0**	**1.23**	**3.950**	**7.68**	**1**	**10.3**
STD DEV (GEOM *)				**96.5**	**18**	**39**	**76**	**14.05**	**3.571**	**0.37**	**0<A**	**8.5**
# SAMPLES (IN STATISTICS)				**2**	**11**	**11**	**12**	**12**	**2**	**12**	**10**	**9**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **IN RURAL COMMUNITY OF LEGGATT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-090-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0551725.0 4868200.0 4** REGION: **02** DISTANCE: **264.408**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 21 1251		.3	1	39023	6	720	2000	10I	10<	0.5	13.8	1.4	0.024
81 02 26 1313		.3	1	39064	6 3	270	390	10I	60I	1.5	12.6	0.9	0.032
81 03 31 1240		.3	1	39111	3	2400	8400	80A	880	6.5	10.20		0.073
81 04 30 1330		.3	1	39152	9	500A	7200	10<	230	12.0			0.016
81 05 21 1150		.3	1	39193	6 8	1500	10400	20A	410	15.0			0.030
81 06 18		.3	1	39234	9 6	900A	20000	180	490	19.9	10.20		0.040
81 07 07 1155		.3	1	39275		14000	53000	1210	250				0.048
81 08 25 1200		.3	1	39316	9	1800	17000	160A	50A	18.5	11.00		0.033
81 09 16 1245		.3	1	39357	8 6	1200	15000	80A	90A	16.0	11.00		0.038
81 10 21 1245		.3	1	39398	9	1100	23000	40A	80A	6.0	12.20		0.029
81 11 12 1303		.3	1	39439	9	460	1420	50A	10<	2.8	13.80		
81 12 08 1300		.3	1	39480	8 6	460	2200	10<	10A	0.5	12.60		0.012
MAXIMUM						**14000**	**53000**	**1210**	**880**	**19.9**	**13.80**	**1.4**	**0.073**
ARITH MEAN						**2109**	**13334**	**184**	**255**	**9.0**	**11.9**	**1.1**	**0.034**
GEOM MEAN						**1069**	**6786**	**62**	**136**	**4.9**	**11.8**	**1.1**	**0.031**
MINIMUM						**270**	**390**	**10**	**10**	**0.5**	**10.20**	**0.9**	**0.012**
STD DEV (GEOM *)						3*	4*	4*	4*	7.5	1.4	0.4	0.017
# SAMPLES (IN STATISTICS)						12	12	10	10	11	9	2	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 21 1251		.3	1	0.002	0.120	0.890	0.005	0.250		0.375	0.770	1.145	286.0
81 02 26 1313		.3	1	0.013	0.054	0.610	0.008	0.807		0.869	0.556	1.425	234.0
81 03 31 1240		.3	1	0.015	0.078	0.93	0.015	0.685	0.700	0.778	0.852	1.630	
81 04 30 1330		.3	1	0.001<W	0.030	0.92	0.005	0.060	0.065	0.095	0.890	0.985	
81 05 21 1150		.3	1	0.003	0.048	0.80	0.021	0.040	0.060	0.109	0.752	0.861	
81 06 18		.3	1	0.005	0.010	0.90	0.027	0.155	0.180	0.192	0.890	1.082	
81 07 07 1155		.3	1	0.008	0.004	1.00	0.058	1.190	1.250	1.252	0.996	2.248	
81 08 25 1200		.3	1	0.011	0.010	0.76	0.001<T	0.095	0.095	0.106	0.750	0.856	
81 09 16 1245		.3	1	0.002	0.028	0.95	0.004	0.010	0.015	0.042	0.922	0.964	
81 10 21 1245		.3	1	0.002		0.74	0.004	0.220	0.225			0.964	
81 11 12 1303		.3	1		0.010	0.72	0.003	0.150	0.155	0.163	0.710	0.873	
81 12 08 1300		.3	1	0.009	0.032	0.58	0.008	0.580	0.590	0.620	0.548	1.168	
MAXIMUM				**0.015**	**0.120**	**1.00**	**0.058**	**1.190**	**1.250**	**1.252**	**0.996**	**2.248**	**286.0**
ARITH MEAN				**0.006<A**	**0.039**	**0.81**	**0.013<A**	**0.353**	**0.333**	**0.418**	**0.785**	**1.183**	**260.0**
GEOM MEAN				**0.005<A**	**0.025**	**0.80**	**0.008<A**	**0.179**	**0.188**	**0.254**	**0.772**	**1.132**	**258.7**
MINIMUM				**0.001**	**0.004**	**0.58**	**0.001**	**0.010**	**0.015**	**0.042**	**0.548**	**0.856**	**234.0**
STD DEV (GEOM *)				**0.005<A**	**0.035**	**0.13**	**0.016<A**	**0.375**	**0.396**	**0.403**	**0.144**	**0.410**	**36.8**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**10**	**11**	**11**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 21 1251		.3	1	13.0	273.0	420.0	3.50	1.350	7.79			
81 02 26 1313		.3	1	6.0	228.000	350.0	2.50	5.400	8.00			
81 03 31 1240		.3	1	7	247	380	7.80	6.55	7.84	1<T	235	9.7
81 04 30 1330		.3	1	53	298	455	1.50	12.00	8.57	1	30	11.1
81 05 21 1150		.3	1	1 <W	268	440	1.00	7.20	8.53	1<T	49	12.7
81 06 18		.3	1	5	262	415	2.50	7.40	8.40	1<T	39	13.4
81 07 07 1155		.3	1	22	297	470	10.00	7.90	8.28	1<T	39	12.5
81 08 25 1200		.3	1	4.2	234	350	0.95	8.30	8.35	1<T	36	11.2
81 09 16 1245		.3	1			490	0.56	7.10	8.43	1<T	61	16.5
81 10 21 1245		.3	1	4.0	300	480	1.12	7.35	8.38	1<T	138	13.5
81 11 12 1303		.3	1	1.2	271	410	1.29	6.35	8.64	1<T	32	10.7
81 12 08 1300		.3	1	1.6	241	430	1.37	6.65	8.26	1<T	25	9.3
MAXIMUM				**53**	**300**	**490**	**10.00**	**12.00**	**8.64**	**1**	**235**	**16.5**
ARITH MEAN				**10 <A**	**265**	**424**	**2.84**	**6.96**	**8.29**	**1<A**	**68**	**12.1**
GEOM MEAN				**5 <A**	**264**	**421**	**1.93**	**6.36**	**8.28**	**1<A**	**51**	**11.9**
MINIMUM				**1**	**228.000**	**350.0**	**0.56**	**1.350**	**7.79**	**1**	**25**	**9.3**
STD DEV (GEOM *)				**15 <A**	**25**	**46**	**2.98**	**2.39**	**0.28**	**0<A**	**67**	**2.1**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **MOOREFIELD CREEK**
SAMPLE POINT: **COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-091-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0520250.0 4844775.0 4** REGION: **02** DISTANCE: **241.878**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PSAMF PSEUDOMN AERUG. MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 21 1127		.3	1	39025	6 4	5500	6000	130	160		0 5	11 2	1 2
81 02 26 1037		.3	1	39066	6 3	2100	4900	80I	380		1 0	12 0	0 8
81 03 31 1142		.3	1	39109	3	2900	6500	520		10A	7 0	10 80	1 2
81 04 30 1117		.3	1	39150	8 6	3200	12600	280	40A	4<			1 0
81 05 21 1055		.3	1	39191	8 6	6600	17500	530	80A	4<			1 2
81 06 18 1045		.3	1	39232	7	3200	20000	790	390	4<	20 0	13 80	0 8
81 07 07 1057		.3	1	39273	9 7	7700A	28000	770	180	4<	25 0	11 20	0 4
81 08 25 1102		.3	1	39314	9 7	31000	31000	340	110	4<	19 0	12 40	1 6
81 09 16 1050		.3	1	39355	7	3300A	34000	690	220	8	15 5	10 40	0 8
81 10 21 1150		.3	1	39396	8 6	6800A	31000	930	390	10<	6 5	10 80	1 0
81 11 12 1120		.3	1	39437	8 6	5000	1000	750	80A	10<	2 5	13 20	
81 12 08 1120		.3	1	39478	8 6	3000	6400	540	240	4	1 0	11 70	0 6
	MAXIMUM					**31000**	**34000**	**930**	**390**	**10**	**25 0**	**13 80**	**1 6**
	ARITH MEAN					**6692**	**16575**	**529**	**206**	**7**	**9 8**	**11 7**	**1 0**
	GEOM MEAN					**4879**	**11423**	**433**	**165**	**7**	**4 9**	**11 7**	**0 9**
	MINIMUM					**2100**	**1000**	**80**	**40**	**4**	**0 5**	**10 40**	**0 4**
	STD DEV (GEOM *)					**2***	**3***	**2***	**2***	**2***	**9 2**	**1 1**	**0 3**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**11**	**3**	**10**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 21 1127		.3	1	0.073	0.059	0.470	0.990	0.027	2.770		3.267	0.520	3.787
81 02 26 1037		.3	1	0.064	0.035	0.096	0.730	0.035	5.670		5.801	0.634	6.435
81 03 31 1142		.3	1	0.105	0.032	0.124	1.20	0.041	5.710	5.750	5.875	1.076	6.951
81 04 30 1117		.3	1	0.040	0.023	0.094	0.63	0.023	2.330	2.350	2.447	0.536	2.983
81 05 21 1055		.3	1	0.045	0.013	0.012	0.78	0.089	2.56	2.650	2.661	0.768	3.429
81 06 18 1045		.3	1	0.083	0.039	0.004	0.77	0.006	1.190	1.200	1.200	0.766	1.966
81 07 07 1057		.3	1	0.128	0.071	0.004	0.95	0.005	2.645	2.650	2.654	0.946	3.600
81 08 25 1102		.3	1	0.100	0.054	0.034	0.88	0.001	0.550	0.550	0.585	0.846	1.431
81 09 16 1050		.3	1	0.058	0.031	0.022	0.73	0.057	1.090	1.150	1.169	0.708	1.877
81 10 21 1150		.3	1	0.073	0.047	0.028	0.90	0.125	4.220	4.350	4.373	0.872	5.245
81 11 12 1120		.3	1	0.200	0.077	0.012	0.70	0.056	3.790	3.850	3.858	0.688	4.546
81 12 08 1120		.3	1	0.030	0.018	0.006	0.58	0.094	5.160	5.250	5.260	0.574	5.834
	MAXIMUM			**0.200**	**0.077**	**0.470**	**1.20**	**0.125**	**5.710**	**5.750**	**5.875**	**1.076**	**6.951**
	ARITH MEAN			**0.083**	**0.042**	**0.075**	**0.82**	**0.047**	**3.14**	**2.975**	**3.262**	**0.744**	**4.007**
	GEOM MEAN			**0.073**	**0.037**	**0.027**	**0.80**	**0.026**	**2.57**	**2.400**	**2.685**	**0.727**	**3.590**
	MINIMUM			**0.030**	**0.013**	**0.004**	**0.58**	**0.001**	**0.550**	**0.550**	**0.585**	**0.520**	**1.431**
	STD DEV (GEOM *)			**0.046**	**0.020**	**0.131**	**0.17**	**0.039**	**1.77**	**1.779**	**1.810**	**0.170**	**1.826**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 21 1127		.3	1	377.0	5.0	372.0	640.0	4.10	1.200			7.76	
81 02 26 1037		.3	1	319.0	8.0	311.0	450.0	3.10	12.600			8.07	
81 03 31 1142		.3	1		12	309	490		14.50	27.5	197	7.81	1<T
81 04 30 1117		.3	1		2	340	560		19.00	30.0	249	8.25	1<T
81 05 21 1055		.3	1		10	316	540		17.50	30.0	236	8.38	1<T
81 06 18 1045		.3	1		2	284	470		16.00	25.0	218	8.56	1<T
81 07 07 1057		.3	1		4	320	520		25.00	22.5	210	8.25	1<T
81 08 25 1102		.3	1		29.3	234	450		24.50	24.5	182	8.16	1<T
81 09 16 1050		.3	1				560		24.00	38.0	241	8.30	1<T
81 10 21 1150		.3	1		7.0	408	600		19.50	32.5	267	8.22	1<T
81 11 12 1120		.3	1		1.2	387	620		20.50	37.0	288	8.33	1<T
81 12 08 1120		.3	1		6.3	351	600		19.00	32.5	266	8.39	1<T
	MAXIMUM			**377.0**	**29.3**	**408**	**640.0**	**4.10**	**25.00**	**38.0**	**288**	**8.56**	**1**
	ARITH MEAN			**348.0**	**7**	**330**	**541**	**3.60**	**17.77**	**29.9**	**235**	**8.21**	**1<A**
	GEOM MEAN			**346.8**	**5**	**326**	**537**	**3.57**	**15.00**	**29.5**	**233**	**8.20**	**1<A**
	MINIMUM			**319.0**	**1.2**	**234**	**450.0**	**3.10**	**1.200**	**22.5**	**182**	**7.76**	**1**
	STD DEV (GEOM *)			**41.0**	**7**	**49**	**66**	**0.71**	**6.50**	**5.2**	**34**	**0.23**	**0<A**
	# SAMPLES (IN STATISTICS)			**2**	**11**	**11**	**12**	**2**	**12**	**10**	**10**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C
81 03 31 1142		.3	1	0.81	55.0	19.00	2.55	5.2	225	6.5
81 04 30 1117		.3	1	0.17	61.0	27.00	2.05	7.7	6	4.5
81 05 21 1055		.3	1	0.24	57.0	27.00	1.75	7.4	27	5.4
81 06 18 1045		.3	1	0.22	50.0	26.50	1.90	6.8	12	5.8
81 07 07 1057		.3	1	0.56	45.0	17.00	2.65	6.4	17	4.5
81 08 25 1102		.3	1	0.58	34.6	28.10	3.25	13.5	24	6.2
81 09 16 1050		.3	1	0.15	59.6	30.00	2.95	10.7	33	6.4
81 10 21 1150		.3	1	0.19	65.0	27.00	2.75	7.4	94	8.7
81 11 12 1120		.3	1	0.11	80.0	25.00	2.20	8.1		4.6
81 12 08 1120		.3	1	0.22	83.0	25.50	1.95	6.9	7	4.4
	MAXIMUM			**0.81**	**83.0**	**30.00**	**3.25**	**13.5**	**225**	**8.7**
	ARITH MEAN			**0.32**	**59.0**	**25.21**	**2.40**	**8.0**	**49**	**5.7**
	GEOM MEAN			**0.26**	**57.3**	**24.87**	**2.35**	**7.7**	**25**	**5.6**
	MINIMUM			**0.11**	**34.6**	**17.00**	**1.75**	**5.2**	**6**	**4.4**
	STD DEV (GEOM *)			**0.24**	**14.7**	**4.06**	**0.50**	**2.4**	**71**	**1.3**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**10**	**10**	**9**	**10**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGE IN COMMUNITY OF YORK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-092-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0590250.0 4763700.0 4** REGION: **02** DISTANCE: **42.325**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1101		.3	1	39002	6 4	740C	9800	108	44	0.5	14.0	4.4	0.345
81 02 17 1014		.3	1	39043	6 3	25000	21000	180I	3000>	0.5	13.0		0.218
81 03 26 1106		.3	1	39084	6 8	100<	800A	20<	50<	5.0	13.40	1.2	0.051
81 04 22 1040		.3	1	39125	8 6	140	2700	10<	10<			2.6	0.053
81 05 07 1020		.3	1	39166	8 6	200	3000>	10<	10<	13.5	11.40	0.4	0.067
81 06 23 1005		.3	1	39207	3	1600A	100000	220	380	20.5	9.00	2.4	0.220
81 07 21 1035		.3	1	39248	8 6	1000A	80000	80A	290	24.2	6.40	1.8	0.108
81 08 19 1040		.3	1	39289	8 6	1700A	57000	40A	30A	21.0	8.80	1.6	0.090
81 09 23 1035		.3	1	39330	8 6	11000	110000	410	1400	12.0	9.50	0.4	0.108
81 10 27 1025		.3	1	39371	3	2100	19000	220	160A	6.5	11.40	1.2	0.082
81 11 05 1025		.3	1	39412	8 6	800A	4000	40A	20<	9.0	11.80	2.0U	0.420
81 12 15 1017		.3	1	39453	8 6	60A	1160	10<	10<	0.5	13.40	0.6	0.080
MAXIMUM						**25000**	**110000**	**410**	**1400**	**24.2**	**14.0**	**4.4**	**0.420**
ARITH MEAN						**4031**	**36880**	**162**	**384**	**10.3**	**11.1**	**1.7**	**0.153**
GEOM MEAN						**1041**	**13110**	**122**	**179**	**5.1**	**10.8**	**1.3**	**0.120**
MINIMUM						**60**	**800**	**40**	**30**	**0.5**	**6.40**	**0.4**	**0.051**
STD DEV (GEOM *)						**6***	**6***	**2***	**4***	**8.7**	**2.4**	**1.2**	**0.122**
# SAMPLES (IN STATISTICS)						**11**	**11**	**8**	**6**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 22 1101		.3	1	0.059	0.660	2.000	0.155	2.050		2.865	1.340	4.205	667.00
81 02 17 1014		.3	1	0.095	0.650	1.800	0.084	2.870		3.604	1.150	4.754	508.00
81 03 26 1106		.3	1	0.019	0.332	1.17	0.049	4.300	4.350	4.681	0.838	5.519	
81 04 22 1040		.3	1	0.003	0.118	0.86	0.075	2.520	2.600	2.713	0.742	3.455	
81 05 07 1020		.3	1	0.004	0.120	0.72	0.065	2.740	2.800	2.925	0.600	3.525	
81 06 23 1005		.3	1	0.036	0.006	1.15	0.001	1.850	1.850	1.857	1.144	3.001	
81 07 21 1035		.3	1	0.031	0.002<T	0.90	0.009	1.240	1.250	1.251	0.898	2.149	
81 08 19 1040		.3	1	0.031	0.122	0.82	0.024	1.180	1.200	1.326	0.698	2.024	
81 09 23 1035		.3	1	0.038	0.008	0.85	0.021	1.630	1.650	1.659	0.842	2.501	
81 10 27 1025		.3	1	0.036	0.092	1.00	0.064	3.690	3.750	3.846	0.908	4.754	
81 11 05 1025		.3	1	0.028	0.004	0.78	0.041	3.010	3.050	3.055	0.776	3.831	
81 12 15 1017		.3	1	0.044	0.226	0.85	0.001<T	3.100	3.100	3.327	0.624	3.951	
MAXIMUM				**0.095**	**0.660**	**2.000**	**0.155**	**4.300**	**4.350**	**4.681**	**1.340**	**5.519**	**667.00**
ARITH MEAN				**0.035**	**0.195<A**	**1.07**	**0.049<A**	**2.515**	**2.560**	**2.759**	**0.880**	**3.639**	**587.50**
GEOM MEAN				**0.025**	**0.059<A**	**1.01**	**0.024<A**	**2.337**	**2.350**	**2.553**	**0.855**	**3.480**	**582.10**
MINIMUM				**0.003**	**0.002**	**0.72**	**0.001**	**1.180**	**1.200**	**1.251**	**0.600**	**2.024**	**508.00**
STD DEV (GEOM *)				**0.024**	**0.236<A**	**0.41**	**0.044<A**	**0.962**	**1.060**	**1.061**	**0.227**	**1.089**	**112.43**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1101		.3	1	142.00	525.00	840.0	63.00	55.000	105.000		8.04		4.600
81 02 17 1014		.3	1	42.00	466.00	700.0	25.00	89.000	69.000		7.68		2.500
81 03 26 1106		.3	1	5	516	820	2.40	66.00	101.0	224	8.19	1<T	
81 04 22 1040		.3	1	24	390	620	14.00	40.00	71.0	188	8.03	1<T	
81 05 07 1020		.3	1	17	412	650	2.00	44.50	83.0	195	8.18	1<T	
81 06 23 1005		.3	1	75	397	680	16.00	59.00	96.0	187	8.18	1<T	
81 07 21 1035		.3	1			680	5.80	67.00	110.0	138	7.88	1<T	
81 08 19 1040		.3	1	30.1	416	660	7.20	50.00	98.0	190	8.29	1<T	
81 09 23 1035		.3	1	34.0	342	605	26.00	34.50	74.0	196	8.25	1<T	
81 10 27 1025		.3	1	21.0	373	580	7.10	26.00	55.0	249	8.32	1<T	
81 11 05 1025		.3	1	12.5	427	640	7.60	31.00	63.0	240	8.46	1<T	
81 12 15 1017		.3	1	6.5	412	660	6.30	33.50	63.0	243	8.42	1<T	
MAXIMUM				**142.00**	**525.00**	**840.0**	**63.00**	**89.000**	**110.0**	**249**	**8.46**	**1**	**4.600**
ARITH MEAN				**37**	**425**	**677**	**15.20**	**49.62**	**82.3**	**205**	**8.16**	**1<A**	**3.550**
GEOM MEAN				**24**	**421**	**674**	**9.62**	**46.63**	**80.3**	**202**	**8.16**	**1<A**	**3.391**
MINIMUM				**5**	**342**	**580**	**2.00**	**26.00**	**55.0**	**138**	**7.68**	**1**	**2.500**
STD DEV (GEOM *)				**39**	**56**	**78**	**17.04**	**18.46**	**18.9**	**34**	**0.22**	**0<A**	**1.485**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
81 01 22 1101		.3	1					45					
81 02 17 1014		.3	1				70.000>	10					
81 03 26 1106		.3	1	304	84.0	23.00		8	4.0	0.008	0.007	0.003<	0.0002<
81 04 22 1040		.3	1	234	60.0	20.50		38	5.3	0.003	0.005	0.003<	0.0002<
81 05 07 1020		.3	1	262	68.0	22.50		20	5.8	0.002 <	0.001<	0.003<	0.0002<
81 06 23 1005		.3	1	248	63.0	22.00		14	5.6	0.0020<	0.004	0.003<	0.0002<
81 07 21 1035		.3	1	218	51.0	22.00		44	5.5	0.0020<	0.004	0.003<	0.0002<
81 08 19 1040		.3	1	250	64.8	21.40		25	5.4	0.0050	0.009	0.003<	0.0001<
81 09 23 1035		.3	1	251	68.2	19.50		30	6.8	0.0050	0.006	0.003<	0.0001<
81 10 27 1025		.3	1	276	76.0	21.00		2	7.5	0.0040	0.012	0.006	0.0003
81 11 05 1025		.3	1	296	80.0	23.50		6	6.5				
81 12 15 1017		.3	1	292	84.0	20.00		26	3.3	0.004	0.009	0.005	0.0001
MAXIMUM				**304**	**84.0**	**23.50**		**45**	**7.5**	**0.008**	**0.012**	**0.006**	**0.0003**
ARITH MEAN				**263**	**69.9**	**21.54**		**22**	**5.6**	**0.004**	**0.007**	**0.005**	**0.0002**
GEOM MEAN				**262**	**69.1**	**21.50**		**16**	**5.4**	**0.004**	**0.007**	**0.005**	**0.0002**
MINIMUM				**218**	**51.0**	**19.50**		**2**	**3.3**	**0.003**	**0.004**	**0.005**	**0.0001**
STD DEV (GEOM *)				**28**	**10.9**	**1.30**		**15**	**1.2**	**0.001**	**0.003**	**0.001**	**0.0001**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**		**12**	**10**	**6**	**8**	**2**	**2**

(CONTD)

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT BRIDGE IN COMMUNITY OF YORK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-092-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0590250.0 4763700.0 4** REGION: **02** DISTANCE: **42.325**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 22 1101		.3	1		0.188	
81 02 17 1014		.3	1		0.072	
81 03 26 1106		.3	1	0.010		0.007
81 04 22 1040		.3	1	0.006		0.003
81 05 07 1020		.3	1	0.005		0.005
81 06 23 1005		.3	1	0.013		0.0060
81 07 21 1035		.3	1	0.007		0.0090
81 08 19 1040		.3	1	0.009		0.0080
81 09 23 1035		.3	1	0.010		0.0070
81 10 27 1025		.3	1	0.012		0.0060
81 12 15 1017		.3	1	0.011		0.007
MAXIMUM				**0.013**	**0.188**	**0.0090**
ARITH MEAN				**0.009**	**0.130**	**0.006**
GEOM MEAN				**0.009**	**0.116**	**0.006**
MINIMUM				**0.005**	**0.072**	**0.003**
STD DEV (GEOM *)				**0.003**	**0.082**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**2**	**9**

B.O.W./ SITE: **FAIRCHILD CREEK**
SAMPLE POINT: **LOT G SOUTH OF HAMILTON RD.BRANTFORD TWP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-093-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0568750.0 4777300.0 4** REGION: **02** DISTANCE: **80.626**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1015		.3	1	39001	6 4	100I	7000	80I	520	0.5	11.6	0.6	0.062
81 02 17 0941		.3	1	39042	6 3	29000C	290000	320	3000>	0.5	12.4	4.2	0.355
81 03 26 1034		.3	1	39083	6 8	500A	1900	20<	50<	4.0	12.80	0.6	0.105
81 04 22 1000		.3	1	39124	8 6	180A	6000>	30A	30A	8.0	12.4	0.6	0.024
81 05 07 0945		.3	1	39165	8 6	500	6000>	70A	30A	12.0	9.50	0.2<T	0.081
81 06 23 0930		.3	1	39206	8 3	9200A	76000	1740	1420	18.0	7.00	2.6	0.195
81 07 21 0950		.3	1	39247	7 3	14000A	300000	1090	1260	22.0	4.90	3.4	0.242
81 08 19 1000		.3	1	39288	7	11000	230000	200	140A	17.0	8.40	1.2	0.330
81 09 23 1003		.3	1	39329	8	50000A	290000	3300	8300	10.2	8.80	0.8	0.345
81 10 27 0950		.3	1	39370	3	3900A	33000	90A	270	7.0	10.50	1.2	
81 11 05 0950		.3	1	39411	8 6	700A	6400	40A	180A	7.2	10.90	2.0U	0.078
81 12 15 0940		.3	1	39452	8 6	680	3400	40A	20A	0.5	12.80	0.4	0.030
MAXIMUM						**50000**	**300000**	**3300**	**8300**	**22.0**	**12.80**	**4.2**	**0.355**
ARITH MEAN						**9980**	**123770**	**636**	**1217**	**8.9**	**10.1**	**1.5<A**	**0.168**
GEOM MEAN						**2254**	**36513**	**187**	**250**	**4.8**	**9.8**	**1.0<A**	**0.117**
MINIMUM						**100**	**1900**	**30**	**20**	**0.5**	**4.90**	**0.2**	**0.024**
STD DEV (GEOM *)						**8***	**8***	**5***	**7***	**7.2**	**2.5**	**1.3<A**	**0.130**
# SAMPLES (IN STATISTICS)						**12**	**10**	**11**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1015		.3	1	0.025	0.146	0.540	0.021	2.080		2.247	0.394	2.641	506.0
81 02 17 0941		.3	1	0.095	0.280	1.550	0.064	1.990		2.334	1.270	3.604	454.0
81 03 26 1034		.3	1	0.053	0.030	0.77	0.011	1.490	1.500	1.531	0.740	2.271	
81 04 22 1000		.3	1	0.012	0.022	0.58	0.012	0.800	0.810	0.834	0.558	1.392	
81 05 07 0945		.3	1	0.015	0.028	0.67	0.062	0.830	0.890	0.920	0.642	1.562	
81 06 23 0930		.3	1	0.069	0.012	1.10	0.004	2.850	2.850	2.866	1.088	3.954	
81 07 21 0950		.3	1	0.054	0.006	0.80	0.005	1.100	1.100	1.111	0.794	1.905	
81 08 19 1000		.3	1	0.210	0.006	0.65	0.003	0.885	0.890	0.894	0.644	1.538	
81 09 23 1003		.3	1	0.185	0.010	1.10	0.024	2.580	2.600	2.614	1.090	3.704	
81 10 27 0950		.3	1	0.370	0.026		0.026	2.720	2.750	2.772			
81 11 05 0950		.3	1	0.037	0.016	0.74	0.003	2.050	2.050	2.069	0.724	2.793	
81 12 15 0940		.3	1	0.014	0.026	0.45	0.013	2.240	2.250	2.279	0.424	2.703	
MAXIMUM				**0.370**	**0.280**	**1.550**	**0.064**	**2.850**	**2.850**	**2.866**	**1.270**	**3.954**	**506.0**
ARITH MEAN				**0.095**	**0.051**	**0.81**	**0.021**	**1.801**	**1.769**	**1.873**	**0.761**	**2.552**	**480.0**
GEOM MEAN				**0.054**	**0.024**	**0.76**	**0.013**	**1.635**	**1.584**	**1.704**	**0.714**	**2.400**	**479.3**
MINIMUM				**0.012**	**0.006**	**0.45**	**0.003**	**0.800**	**0.810**	**0.834**	**0.394**	**1.392**	**454.0**
STD DEV (GEOM *)				**0.108**	**0.081**	**0.32**	**0.021**	**0.756**	**0.824**	**0.771**	**0.282**	**0.913**	**36.8**
# SAMPLES (IN STATISTICS)				**12**	**12**	**11**	**12**	**12**	**10**	**12**	**11**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 22 1015		.3	1	22.0	484.0	780.0	9.00	45.000		7.85			
81 02 17 0941		.3	1	129.0	325.0	490.0	72.00	64.000		7.45			
81 03 26 1034		.3	1	28	395	660	15.00	34.50	235	8.12	1<T	1.10	0.005
81 04 22 1000		.3	1	26	397	630	15.00	33.00	239	8.39	1<T	0.95	0.004
81 05 07 0945		.3	1	43	390	620	9.00	29.00	188	8.07	1<T	1.74	0.001<
81 06 23 0930		.3	1	113	330	520	51.00	29.00	172	7.85	1<T	4.20	0.005
81 07 21 0950		.3	1			350	50.00	25.00	75	7.56	1<T	5.90	0.006
81 08 19 1000		.3	1	70.8	412	660	58.00	31.50	243	8.21	1<T	3.00	0.011
81 09 23 1003		.3	1	74.5	375	620	51.00	34.50	226	7.95	1<T	3.05	0.010
81 10 27 0950		.3	1	39.0	424	620	15.40	28.00	246	8.11	1<T	1.42	0.014
81 11 05 0950		.3	1	28.8	436	660	12.40	29.00	277	8.29	1<T	1.16	0.010
81 12 15 0940		.3	1	16.0	397	710	11.40	30.50	206	8.42	1<T	0.49	0.008

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU
MAXIMUM				129.0	484.0	780.0	72.00	64.000	277	8.42	1	5.90	0.014
ARITH MEAN				53	396	610	30.77	34.41	211	8.02	1<A	2.30	0.008
GEOM MEAN				43	394	599	22.97	33.29	201	8.02	1<A	1.79	0.007
MINIMUM				16.0	325.0	350	9.00	25.00	75	7.46	1	0.49	0.004
STD DEV (GEOM *)				38	45	111	23.40	10.57	57	0.31	0<A	1.72	0.003
# SAMPLES (IN STATISTICS)				11	11	12	12	12	10	12	10	10	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1034		.3	1	0.003<	0.008
81 04 22 1000		.3	1	0.003<	0.004
81 05 07 0945		.3	1	0.003<	0.005
81 06 23 0930		.3	1	0.005	0.009
81 07 21 0950		.3	1	0.007	0.014
81 08 19 1000		.3	1	0.003<	0.009
81 09 23 1003		.3	1	0.006	0.012
81 10 27 0950		.3	1	0.010	0.008
81 11 05 0950		.3	1	0.007	0.011
81 12 15 0940		.3	1	0.008	0.005
MAXIMUM				0.010	0.014
ARITH MEAN				0.007	0.008
GEOM MEAN				0.007	0.008
MINIMUM				0.006	0.004
STD DEV (GEOM *)				0.002	0.003
# SAMPLES (IN STATISTICS)				6	10

B.O.W./ SITE: **BOSTON CREEK**
SAMPLE POINT: **AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-095-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0585650.0 4763550.0 4** REGION: **02** DISTANCE: **49.245**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1123		.3	1	39004	6 4	800	6000	100	140	0.5	12.8	0.6	0.060
81 02 17 1035		.3	1	39045	6 3	39000	150000	260	3000>	0.5	12.2	4.2	0.250
81 03 26 1121		.3	1	39086	6 8	100<	2100	20<	100A	6.0	13.80		0.086
81 04 22 1107		.3	1	39127	8 6	260	6000>	10A	30A	10.0	15.0	1.0	0.029
81 05 07 1042		.3	1	39168	9	420	6000>	10A	20A	12.5	12.20	0.2<T	0.029
81 06 23 1030		.3	1	39209	3	21000A	360000	1080	3900	18.5	8.40	1.2	0.082
81 07 21 1055		.3	1	39250	5	2300A	28000	850	540	22.3	9.20	3.6	0.360
81 08 19 1105		.3	1	39291	5 7	440A	48000	210	50A	18.5	12.20	0.2<T	0.047
81 09 23 1110		.3	1	39332	8	147000A	1900000	1580	3000>	9.8	9.20	0.8	0.162
81 10 27 1040		.3	1	39373	3	11000	22000	320	880	7.0	10.70	1.4	0.090
81 11 05 1050		.3	1	39414	9	100A	2500	20<	20A	7.8	12.80	1.2U	0.037
81 12 15 1040		.3	1	39455	9 4	240	980	90A	20A	0.5	12.60	0.2<T	0.034
MAXIMUM						147000	1900000	1580	3900	22.3	15.0	4.2	0.360
ARITH MEAN						20233	251958	451	570	9.5	11.7	1.3<A	0.105
GEOM MEAN						2058	24955	172	112	5.2	11.5	0.8<A	0.074
MINIMUM						100	980	10	20	0.5	8.40	0.2	0.029
STD DEV (GEOM *)						11*	11*	6*	6*	7.4	1.9	1.3<A	0.103
# SAMPLES (IN STATISTICS)						11	10	10	10	12	12	11	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1123		.3	1	0.003	0.036	0.450	0.016	0.034		0.086	0.414	0.500	2006.0
81 02 17 1035		.3	1	0.059	0.322	1.450	0.059	2.390		2.771	1.128	3.899	295.0
81 03 26 1121		.3	1	0.004	0.012	0.48	0.004	0.905	0.910	0.921	0.468	1.389	
81 04 22 1107		.3	1	0.001	0.018	0.63	0.006	0.315	0.320	0.339	0.612	0.951	
81 05 07 1042		.3	1	0.003	0.050	0.57	0.007	0.040	0.045	0.097	0.520	0.617	
81 06 23 1030		.3	1	0.020	0.018	1.08	0.007	5.25	5.25	5.275	1.062	6.337	
81 07 21 1055		.3	1	0.010	0.006	1.82	0.008	0.317	0.325	0.331	1.814	2.145	
81 08 19 1105		.3	1		0.048	0.60	0.006	0.080	0.085	0.134	0.552	0.686	
81 09 23 1110		.3	1	0.072	0.010	1.02	0.069	1.330	1.400	1.409	1.010	2.419	
81 10 27 1040		.3	1	0.048	0.046	1.00	0.015	2.540	2.550	2.601	0.954	3.555	
81 11 05 1050		.3	1	0.016	0.010	0.77	0.038	2.460	2.500	2.508	0.760	3.268	
81 12 15 1040		.3	1	0.019	0.024	0.52	0.013	1.690	1.700	1.727	0.496	2.223	
MAXIMUM				0.072	0.322	1.82	0.069	5.25	5.25	5.275	1.814	6.337	2006.0
ARITH MEAN				0.023	0.050	0.86	0.021	1.44	1.50	1.517	0.816	2.332	1150.5
GEOM MEAN				0.011	0.025	0.78	0.013	0.58	0.70	0.740	0.740	1.767	769.3
MINIMUM				0.001	0.006	0.450	0.004	0.034	0.045	0.086	0.414	0.500	295.0
STD DEV (GEOM *)				0.025	0.087	0.42	0.022	1.54	1.61	1.568	0.404	1.725	1209.9
# SAMPLES (IN STATISTICS)				11	12	12	12	12	10	12	12	12	2

(CONTD)

B.O.W./ SITE: **BOSTON CREEK**
SAMPLE POINT: **AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-095-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0585650.0 4763550.0 4** REGION: **02** DISTANCE: **49.245**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1123	.3	1		149.0	1957.0	2150.0	18.00	26.500	1059.00		7.78		
81 02 17 1035	.3	1		51.0	244.000	375.0	54.00	12.300	84.000		7.36		
81 03 26 1121	.3	1		6	900	1140	3.90	22.00	112.0	172	8.19	1<T	0.27
81 04 22 1107	.3	1		5	609	800	4.80	19.50	231.0	166	8.30	1<T	0.28
81 05 07 1042	.3	1		8	808	1050	1.50	20.00	429	198	8.16	1<T	0.30
81 06 23 1030	.3	1		31	849	1050	12.00	19.50	412.0	126	7.86	1<T	1.24
81 07 21 1055	.3	1				660	77.00	18.50	164.0	154	7.79	1<T	0.06
81 08 19 1105	.3	1		2.4	1201	1440	1.20	24.50	701.0	181	8.16	1<T	0.07
81 09 23 1110	.3	1		28.9	538	790	21.00	17.00	240.0	151	7.89	1<T	1.56
81 10 27 1040	.3	1		11.0	496	670	13.60	21.00	203.0	162	7.95	1<T	0.92
81 11 05 1050	.3	1		4.1	266	980	3.40	23.50	320.0	211	8.33	1<T	0.24
81 12 15 1040	.3	1		14.3	1022	1450	2.60	27.00	618.0	140	8.18	1<T	0.15
MAXIMUM				**149.0**	**1957.0**	**2150.0**	**77.00**	**27.00**	**1059.00**	**211**	**8.33**	**1**	**1.56**
ARITH MEAN				**28**	**808**	**1046**	**17.75**	**20.94**	**381**	**166**	**8.00**	**1<A**	**0.51**
GEOM MEAN				**13**	**685**	**955**	**8.07**	**20.52**	**295**	**164**	**7.99**	**1<A**	**0.30**
MINIMUM				**2.4**	**244.000**	**375.0**	**1.20**	**12.300**	**84.000**	**126**	**7.36**	**1**	**0.06**
STD DEV (GEOM *)				**42**	**485**	**468**	**23.78**	**4.14**	**287**	**26**	**0.28**	**0<A**	**0.53**
# SAMPLES (IN STATISTICS)				**11**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1121	.3	1		213	3.7	0.006	0.003<	0.003
81 04 22 1107	.3	1		61	8.3	0.001	0.003<	0.007
81 05 07 1042	.3	1		44	8.0	0.001<	0.003<	0.002
81 06 23 1030	.3	1		31	8.7	0.005	0.003<	0.004
81 07 21 1055	.3	1		18	9.1	0.006	0.003<	0.006
81 08 19 1105	.3	1		23	6.5	0.013	0.004	0.004
81 09 23 1110	.3	1		51	8.4	0.013	0.003<	0.010
81 10 27 1040	.3	1		8	10.5	0.011	0.003<	0.005
81 11 05 1050	.3	1		0	7.4	0.013	0.003<	0.005
81 12 15 1040	.3	1		32	5.9	0.012	0.005	0.006
MAXIMUM				**213**	**10.5**	**0.013**	**0.005**	**0.010**
ARITH MEAN				**53**	**7.6**	**0.009**	**0.004**	**0.005**
GEOM MEAN				**36**	**7.4**	**0.007**	**0.004**	**0.005**
MINIMUM				**8**	**3.7**	**0.001**	**0.004**	**0.002**
STD DEV (GEOM *)				**62**	**1.9**	**0.004**	**0.001**	**0.002**
# SAMPLES (IN STATISTICS)				**9**	**10**	**9**	**2**	**10**

B.O.W./ SITE: **MCKENZIE CREEK**
SAMPLE POINT: **AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6**
STATION TYPE: **RIVER FLOW GAUGE FED 02GB010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-096-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0585500.0 4764900.0 4** REGION: **02** DISTANCE: **49.888**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 22 1115	.3	1		39003	6.4	0.280	350I	3800	20<	40I	0.5	9.2	1.0
81 02 17 1026	.3	1		39044	6.3	8.000	58000C	350000	60I	2800	0.5	12.2	4.0
81 03 26 1115	.3	1		39085	6.8	0.744	200A	3800	20<	50<	5.0	13.20	0.4
81 04 22 1055	.3	1		39126	8.6	1.650	240	5600	10<	10<	9.0	14.0	2.6
81 05 07 1032	.3	1		39167	8.6	0.952	820	6000>	10A	400	13.0	6.00	0.6
81 06 23 1016	.3	1		39208	3	1.580	41000A	330000	2280	3000>	18.5	7.30	2.8
81 07 21 1045	.3	1		39249	3	0.531	3800A	60000	17000	8000A	21.8	5.50	3.4
81 08 19 1040	.3	1		39290	8.6	0.636	1100A	59000	600A	400A	17.5	8.40	1.2
81 09 23 1053	.3	1		39331	8.6	1.790	44000A	420000	1200	6500	10.0	8.80	0.8
81 10 27 1035	.3	1		39372	3	5.290	54000A	390000	180A	1320	7.0	10.40	1.8
81 11 05 1040	.3	1		39413	9	1.430	500A	5500	100A	40A	7.2	10.90	1.8U
81 12 15 1030	.3	1		39454	8.6	0.733	200	1540	10A	110	0.5	13.60	0.2<T
MAXIMUM						**8.000**	**58000**	**420000**	**17000**	**8000**	**21.8**	**14.0**	**4.0**
ARITH MEAN						**1.968**	**17017**	**148113**	**2382**	**2179**	**9.2**	**9.9**	**1.7<A**
GEOM MEAN						**1.245**	**2377**	**32710**	**244**	**560**	**5.0**	**9.5**	**1.3<A**
MINIMUM						**0.280**	**200**	**1540**	**10**	**40**	**0.5**	**5.50**	**0.2**
STD DEV (GEOM *)						**2.311**	**11***	**9***	**12***	**8***	**7.3**	**2.9**	**1.2<A**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**9**	**9**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 22 1115	.3	1		0.029	0.012	0.158	0.450	0.027	2.770		2.955	0.292	3.247
81 02 17 1026	.3	1		0.222	0.100	0.186	1.150	0.052	2.400		2.638	0.964	3.602
81 03 26 1115	.3	1		0.060	0.011	0.034	0.38	0.006	1.290	1.300	1.330	0.346	1.676
81 04 22 1055	.3	1		0.075	0.004	0.164	0.86	0.010	0.220	0.220	0.394	0.696	1.090
81 05 07 1032	.3	1		0.115	0.010	0.070	0.64	0.029	0.315	0.345	0.414	0.570	0.984
81 06 23 1016	.3	1		0.145	0.057	0.006	1.50	0.004	3.300	3.300	3.310	1.494	4.804
81 07 21 1045	.3	1		0.352	0.160	0.006	1.92	0.006	6.75	6.75	6.762	1.914	8.676
81 08 19 1040	.3	1		0.230	0.090	0.010	0.82	0.004	0.375	0.380	0.389	0.810	1.199
81 09 23 1053	.3	1		0.210	0.062	0.022	1.02	0.021	0.910	0.930	0.953	0.998	1.951
81 10 27 1035	.3	1		0.148	0.050	0.062	1.02	0.014	1.940	1.950	2.016	0.958	2.974
81 11 05 1040	.3	1		0.060	0.025	0.006	0.67	0.008	1.740	1.750	1.754	0.664	2.418
81 12 15 1030	.3	1		0.029	0.010	0.022	0.49	0.007	2.190	2.200	2.219	0.468	2.687
MAXIMUM				**0.352**	**0.160**	**0.186**	**1.92**	**0.052**	**6.75**	**6.75**	**6.762**	**1.914**	**8.676**
ARITH MEAN				**0.140**	**0.049**	**0.062**	**0.91**	**0.016**	**2.01**	**1.91**	**2.094**	**0.848**	**2.942**
GEOM MEAN				**0.106**	**0.029**	**0.031**	**0.81**	**0.011**	**1.34**	**1.19**	**1.480**	**0.739**	**2.416**
MINIMUM				**0.029**	**0.004**	**0.006**	**0.38**	**0.004**	**0.220**	**0.220**	**0.389**	**0.292**	**0.984**
STD DEV (GEOM *)				**0.099**	**0.048**	**0.068**	**0.45**	**0.014**	**1.79**	**1.95**	**1.782**	**0.471**	**2.134**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 22 1115		.3	1	554.0	10.0	544.0	800.0	5.80	17.500	160.000		7.85	
81 02 17 1026		.3	1	260.0	42.0	218.000	335.0	42.00	13.000	46.500		7.37	
81 03 26 1115		.3	1		21	396	600	14.00	15.50	120.0	172	8.01	1<T
81 04 22 1055		.3	1		22	358	530	16.00	14.50	85.0	175	8.11	1<T
81 05 07 1032		.3	1		29	402	580	1.30	14.00	111.0	158	8.15	1<T
81 06 23 1016		.3	1		141	353	520	59.00	17.00	88.0	150	7.81	1<T
81 07 21 1045		.3	1				660	69.00	18.50	160.0	110	7.56	1<T
81 08 19 1040		.3	1		80.6	444	640	2.90	14.00	130.0	217	8.18	1<T
81 09 23 1053		.3	1		77.3	283	445	99.00	12.00	75.0	141	7.83	1<T
81 10 27 1035		.3	1		47.0	350	520	34.00	16.00	78.0	146	7.93	1<T
81 11 05 1040		.3	1		13.9	457	620	12.70	17.50	110.0	222	8.09	1<T
81 12 15 1030		.3	1		5.5	502	740	6.90	18.50	141.0	139	8.52	1<T
	MAXIMUM			554.0	141	544.0	800.0	99.00	18.50	160.000	222	8.52	1
	ARITH MEAN			407.0	44	391	582	30.22	15.66	108.7	163	7.95	1<A
	GEOM MEAN			379.5	30	380	569	15.83	15.52	102.8	160	7.95	1<A
	MINIMUM			260.0	5.5	218.000	335.0	1.30	12.00	46.500	110	7.37	1
	STD DEV (GEOM *)			207.9	40	94	125	31.20	2.17	35.4	35	0.30	0<A
	# SAMPLES (IN STATISTICS)			2	11	11	12	12	12	12	10	12	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	FEUT IRON UNF.TOT. MG/L AS FE	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1115		.3	1	0.92	33	3.7	0.004	0.003<	0.003
81 04 22 1055		.3	1	0.90	51	6.9	0.004	0.003<	0.004
81 05 07 1032		.3	1	1.22	242	6.6	0.001<	0.003<	0.003
81 06 23 1016		.3	1	6.00	45	7.7	0.005	0.003<	0.010
81 07 21 1045		.3	1	4.80	28	9.1	0.005	0.003<	0.007
81 08 19 1040		.3	1	3.30	27	6.6	0.011	0.003<	0.011
81 09 23 1053		.3	1	4.90	37	7.8	0.011	0.003<	0.022
81 10 27 1035		.3	1	3.30		9.2	0.012	0.003<	0.011
81 11 05 1040		.3	1	0.82	0	6.7	0.010	0.003<	0.007
81 12 15 1030		.3	1	0.34	35	2.0	0.009	0.006	0.005
	MAXIMUM			6.00	242	9.2	0.012	0.006	0.022
	ARITH MEAN			2.65	62	6.6	0.008	0.006	0.008
	GEOM MEAN			1.83	46	6.1	0.007		0.007
	MINIMUM			0.34	27	2.0	0.004	0.006	0.003
	STD DEV (GEOM *)			2.07	73	2.2	0.003		0.006
	# SAMPLES (IN STATISTICS)			10	8	10	9	1	10

B.O.W./ SITE: **BRANTFORD WATER WORKS CANAL**
SAMPLE POINT: **AT WATER WORKS PARK FOOT BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-097-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0557150.0 4776350.0 4** REGION: **02** DISTANCE: **107.018**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1235		.3	1	39007	6	1440	4400	40I	200	0.5	14.4	0.6	0.076
81 02 17 1150		.3	1	39048	6	16000	65000	180I	2400	0.5	13.8	1.2	0.112
81 03 26 1228		.3	1	39089	6 8	100<	1400	10<	20A	6.0	12.40	1.0	0.069
81 04 22 1320		.3	1	39130	8 6	1230	3000>	30A	10<	10.0		1.8	0.053
81 05 07 1202		.3	1	39171	8 6	440	6000>	10A	40A	14.5	11.20	0.6	0.083
81 06 23 1155		.3	1	39212	8	1800	23000	210	120	20.5	9.20	1.2	0.135
81 07 21 1210		.3	1	39253	8	500A	53000	100	310	24.0	8.50	1.8	0.092
81 08 19 1225		.3	1	39294	8	360A	10000	30A	40A	20.0	9.20	1.2	0.390
81 09 23 1220		.3	1	39335	8	17000	120000	470	130	12.5	9.90	0.2	0.080
81 10 27 1155		.3	1	39376	8	1800	11000	40A	60A	7.3	11.30	1.0	0.062
81 11 05 1157		.3	1	39417	8	600A	2100	10<	10<	8.2	11.80	1.4U	
81 12 15 1156		.3	1	39458		360	2200	50A	10<	0.5	12.80	0.2<T	0.050
	MAXIMUM					17000	120000	470	2400	24.0	14.4	1.8	0.390
	ARITH MEAN					3775	29210	116	369	10.4	11.3	1.0<A	0.109
	GEOM MEAN					1348	11152	65	118	5.5	11.1	0.8<A	0.090
	MINIMUM					360	1400	10	20	0.5	8.50	0.2	0.050
	STD DEV (GEOM *)					4*	5*	3*	4*	8.1	1.9	0.5<A	0.096
	# SAMPLES (IN STATISTICS)					11	10	10	9	12	11	12	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1235		.3	1	0.053	0.620	1.310	0.086	3.090		3.796	0.690	4.486	510.00
81 02 17 1150		.3	1	0.084	0.720	1.360	0.067	3.230		4.017	0.640	4.657	541.00
81 03 26 1228		.3	1	0.027	0.206	0.78	0.070	4.580	4.650	4.856	0.574	5.430	
81 04 22 1320		.3	1	0.004	0.070	0.73	0.039	3.110	3.150	3.219	0.660	3.879	
81 05 07 1202		.3	1	0.011	0.088	0.80	0.066	2.630	2.700	2.784	0.712	3.496	
81 06 23 1155		.3	1	0.083	0.006	0.80	0.001	1.950	1.950	1.957	0.794	2.751	
81 07 21 1210		.3	1	0.041	0.012	0.98	0.018	1.08	1.100	1.110	0.968	2.078	
81 08 19 1225		.3	1	0.320	0.072	0.83	0.040	1.460	1.500	1.572	0.758	2.330	
81 09 23 1220		.3	1	0.033	0.016	0.82	0.042	1.540	1.580	1.598	0.804	2.402	
81 10 27 1155		.3	1	0.032	0.082	0.95	0.087	3.260	3.350	3.429	0.868	4.297	
81 11 05 1157		.3	1		0.004	0.74	0.018	2.580	2.600	2.602	0.736	3.338	
81 12 15 1156		.3	1	0.028	0.012	0.80	0.002	3.100	3.100	3.114	0.788	3.902	
	MAXIMUM			0.320	0.720	1.360	0.087	4.580	4.650	4.856	0.968	5.430	541.00
	ARITH MEAN			0.065	0.159	0.90	0.045	2.63	2.568	2.838	0.749	3.587	525.50
	GEOM MEAN			0.037	0.049	0.88	0.026	2.44	2.363	2.611	0.743	3.441	525.27
	MINIMUM			0.004	0.004	0.73	0.001	1.08	1.100	1.110	0.574	2.078	510.00
	STD DEV (GEOM *)			0.088	0.248	0.21	0.031	0.98	1.067	1.125	0.106	1.047	21.92
	# SAMPLES (IN STATISTICS)			11	12	12	12	12	10	12	12	12	2

(CONTD)

B.O.W./ SITE: **BRANTFORD WATER WORKS CANAL**
SAMPLE POINT: **AT WATER WORKS PARK FOOT BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-097-02**
STORET CODE: **02 003 0150**

LAT: LONG: U.T.M: **17 0557150.0 4776350.0 4** REGION: **02** DISTANCE: **107.018**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 22 1235		.3	1	4.00	500.00	800.0	1.30	54.000	90.000	242.0	7.92	1.000<	0.130
81 02 17 1150		.3	1	7.00	534.00	840.0	5.30	103.000	74.000	205.0	7.92	1.000<	0.370
81 03 26 1228		.3	1	9	485	780	3.80	59.00	99.0	218	8.24	1 <T	0.29
81 04 22 1320		.3	1	14	408	620	6.80	45.00	68.0	184	8.45	1 <T	0.45
81 05 07 1202		.3	1	19	432	660	1.00	41.00	84.0	214	8.39	1 <T	0.48
81 06 23 1155		.3	1	19	403	640	6.00	46.50	40.0	178	8.27	1 <T	0.59
81 07 21 1210		.3	1			660	5.60	65.00	97.0	253	8.05	1 <T	0.28
81 08 19 1225		.3	1	15.5	386	580	5.00	43.50	90.0	177	8.48	1 <T	0.53
81 09 23 1220		.3	1	9.8	339	580	2.60	36.50	65.0	193	8.35	1 <T	0.39
81 10 27 1155		.3	1	11.0	384	600	10.10	26.50	55.0	235	8.33	1 <T	0.49
81 11 05 1157		.3	1	8.8	434	620	2.40	32.50	59.0	237	8.52	1 <T	0.25
81 12 15 1156		.3	1	5.3	372	610	3.70	30.00	66.0	234	8.34	1 <T	0.23
	MAXIMUM			**19**	**534.00**	**840.0**	**10.10**	**103.000**	**99.0**	**253**	**8.52**	**1**	**0.59**
	ARITH MEAN			**11**	**425**	**665**	**4.47**	**48.54**	**73.9**	**214**	**8.27**	**1 <A**	**0.37**
	GEOM MEAN			**9**	**421**	**660**	**3.72**	**45.32**	**71.6**	**212**	**8.27**	**1 <A**	**0.34**
	MINIMUM			**4.00**	**339**	**580**	**1.00**	**26.50**	**40.0**	**177**	**7.92**	**1**	**0.130**
	STD DEV (GEOM *)			**5**	**59**	**89**	**2.57**	**20.68**	**18.3**	**26**	**0.21**	**0 <A**	**0.13**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	COD CHEM. OX DEMAND MG/L AS O	DOC CARBON DISOLVED ORGANIC MG/L AS C	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 22 1235		.3	1				28.000	12		0.001<	0.050	0.001	0.002
81 02 17 1150		.3	1				22.000	26		0.001<	0.200	0.001 <	0.004
81 03 26 1228		.3	1	286	76.0	23.50	13.0	2	3.8	0.001<		0.008	0.004
81 04 22 1320		.3	1	236	59.0	21.50	15.7	51	5.1	0.001<		0.010	0.002
81 05 07 1202		.3	1	262	66.0	23.50	20.0	38	5.4	0.001<		0.002 <	0.004
81 06 23 1155		.3	1	236	60.0	21.00	28.1	35	5.6	0.001<		0.0020<	0.004
81 07 21 1210		.3	1	218	51.0	22.00	30.5	24	6.1	0.001		0.0020<	0.003
81 08 19 1225		.3	1	243	62.8	21.10	20.7	33	5.3	0.001<		0.0040	0.008
81 09 23 1220		.3	1	241	63.8	20.00	31.5	57	7.0	0.001<		0.0050	0.007
81 10 27 1155		.3	1	285	77.0	22.50	32.3	4	7.8	0.001<		0.0040	0.011
81 11 05 1157		.3	1	294	79.0	23.50	27.4	16	6.8	0.001<		0.0050	0.010
81 12 15 1156		.3	1	267	74.0	20.00	22.0	35	6.0	0.001<		0.004	0.009
	MAXIMUM			**294**	**79.0**	**23.50**	**32.3**	**57**	**7.8**	**0.001**	**0.200**	**0.010**	**0.011**
	ARITH MEAN			**257**	**66.9**	**21.86**	**24.2**	**28**	**5.9**	**0.001**	**0.125**	**0.005**	**0.006**
	GEOM MEAN			**256**	**66.3**	**21.82**	**23.4**	**20**	**5.8**		**0.100**	**0.004**	**0.005**
	MINIMUM			**218**	**51.0**	**20.00**	**13.0**	**2**	**3.8**	**0.001**	**0.050**	**0.001**	**0.002**
	STD DEV (GEOM *)			**26**	**9.3**	**1.37**	**6.2**	**17**	**1.1**		**0.106**	**0.002**	**0.003**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**10**	**12**	**12**	**10**	**1**	**2**	**8**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 22 1235		.3	1	0.003	0.0006	0.032	0.020	0.016	0.0005<
81 02 17 1150		.3	1	0.003	0.0002<	0.026	0.036	0.009	0.001 <
81 03 26 1228		.3	1	0.003<	0.0002<	0.011		0.005	
81 04 22 1320		.3	1	0.003<	0.0002<	0.011		0.010	
81 05 07 1202		.3	1	0.003<	0.0002<	0.009		0.006	
81 06 23 1155		.3	1	0.003<	0.0002<	0.009		0.0040	
81 07 21 1210		.3	1	0.003<	0.0004	0.006		0.0060	
81 08 19 1225		.3	1	0.005	0.0001<	0.008		0.0060	
81 09 23 1220		.3	1	0.004	0.0001	0.010		0.0080	
81 10 27 1155		.3	1	0.006	0.0002	0.009		0.0060	
81 11 05 1157		.3	1	0.007	0.0003	0.013		0.0060	
81 12 15 1156		.3	1	0.007	0.0002	0.013		0.005	
	MAXIMUM			**0.007**	**0.0006**	**0.032**	**0.036**	**0.016**	
	ARITH MEAN			**0.005**	**0.0003**	**0.013**	**0.028**	**0.007**	
	GEOM MEAN			**0.005**	**0.0003**	**0.012**	**0.027**	**0.006**	
	MINIMUM			**0.003**	**0.0001**	**0.006**	**0.020**	**0.0040**	
	STD DEV (GEOM *)			**0.002**	**0.0002**	**0.008**	**0.011**	**0.003**	
	# SAMPLES (IN STATISTICS)			**7**	**6**	**12**	**2**	**12**	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BADEN CREEK**
SAMPLE POINT: **AT BLEAMS ROAD DOWNSTREAM FROM BADEN STP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-098-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0527050.0 4803000.0 4** REGION: **02** DISTANCE: **205.025**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1149		.3	1	39036	6 4	2200	1900	190	170	0.5	13.4	1.2	0.205
81 02 18 1051		.3	1	39077	6 3	78000C	580000	6200	24000	0.5	13.2		0.805
81 03 24 1141		.3	1	39118	6 8	1200	2200	160A	420	5.0	12.80	1.4	0.169
81 04 29 1207		.3	1	39159	3	990	3000>	1500>	1640			0.4	0.318
81 05 20 1140		.3	1	39200	6 8	1840A	30000	1100	220	12.0	13.30	1.0	0.053
81 06 10 1126		.3	1	39241	8 6	89000	135000	2100	1000	15.0	7.90	3.8	0.455
81 07 29 1450		.3	1	39282	8 6	73000A	330000	9700	4000	17.3	9.40	1.4	0.310
81 08 11 1120		.3	1	39323	8 6	14000	79000	2780	2780	19.0	8.80	1.8	0.325
81 09 01 1110		.3	1	39364	8 6	11000	150000	3700	3900	19.0	8.90	1.0	0.348
81 10 28 1105		.3	1	39405	3	20000	91000	5500	9100	7.8	11.00	1.6	0.240
81 11 25 1108		.3	1	39446	8 6	2700A	28000	640	290	1.0	12.20	1.2	0.123
81 12 03 1425		.3	1	39487	8 6	6300A	120000	570	450	3.8	12.10	0.4	0.190
	MAXIMUM					**89000**	**580000**	**9700**	**24000**	**19.0**	**13.4**	**3.8**	**0.805**
	ARITH MEAN					**25019**	**140645**	**2967**	**3997**	**9.2**	**11.1**	**1.4**	**0.295**
	GEOM MEAN					**8424**	**54151**	**1501**	**1334**	**4.9**	**11.0**	**1.2**	**0.243**
	MINIMUM					**990**	**1900**	**160**	**170**	**0.5**	**7.90**	**0.4**	**0.053**
	STD DEV (GEOM *)					**5***	**6***	**4***	**5***	**7.5**	**2.0**	**0.9**	**0.195**
	# SAMPLES (IN STATISTICS)					**12**	**11**	**11**	**12**	**11**	**11**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC. MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1149		.3	1	0.160	0.150	0.480	0.023	2.930		3.103	0.330	3.433	412.0
81 02 18 1051		.3	1	0.300	1.060	3.150	0.065	2.830		3.955	2.090	6.045	400.00
81 03 24 1141		.3	1	0.088	0.334	1.05	0.023	3.380	3.400	3.737	0.716	4.453	
81 04 29 1207		.3	1		0.244	1.50	0.074				1.256		
81 05 20 1140		.3	1	0.075	0.126	0.30	0.175	2.32	2.500	2.621	0.174	2.795	
81 06 10 1126		.3	1	0.255	0.008	0.92	0.013	3.040	3.050	3.061	0.912	3.973	
81 07 29 1450		.3	1	0.250	0.012	0.85	0.010	3.390	3.400	3.412	0.838	4.250	
81 08 11 1120		.3	1	0.280	0.008	0.40	0.001<T	2.100	2.100	2.109	0.392	2.501	
81 09 01 1110		.3	1	0.295	0.014	0.45	0.078	2.02	2.100	2.112	0.436	2.548	
81 10 28 1105		.3	1	0.165	0.078	1.20	0.004	4.250	4.250	4.332	1.122	5.454	
81 11 25 1108		.3	1	0.062	0.006	0.46	0.082	3.320	3.400	3.408	0.454	3.862	
81 12 03 1425		.3	1	0.120	0.062	0.70	0.068	3.880	3.950	4.010	0.638	4.648	
	MAXIMUM			**0.300**	**1.060**	**3.150**	**0.175**	**4.250**	**4.250**	**4.332**	**2.090**	**6.045**	**412.0**
	ARITH MEAN			**0.186**	**0.175**	**0.95**	**0.061<A**	**3.04**	**3.128**	**3.280**	**0.780**	**3.997**	**406.0**
	GEOM MEAN			**0.162**	**0.053**	**0.76**	**0.026<A**	**2.96**	**3.040**	**3.175**	**0.638**	**3.846**	**405.9**
	MINIMUM			**0.062**	**0.006**	**0.30**	**0.001**	**2.02**	**2.100**	**2.109**	**0.174**	**2.501**	**400.00**
	STD DEV (GEOM *)			**0.092**	**0.298**	**0.78**	**0.050<A**	**0.70**	**0.764**	**0.747**	**0.527**	**1.146**	**8.4**
	# SAMPLES (IN STATISTICS)			**11**	**12**	**12**	**12**	**11**	**9**	**11**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 01 14 1149		.3	1	22.0	390.0	620.0	9.80	29.000		7.98			
81 02 18 1051		.3	1			375.0	54.00	42.500					
81 03 24 1141		.3	1	23	412	680	8.20	42.50	245	8.05	0.003	0.003<	0.007
81 04 29 1207		.3	1	36	471	700	4.00	49.00	228	7.75	0.004	0.003<	0.063
81 05 20 1140		.3	1	28	363	600	4.00	38.00	223	8.39	0.003	0.003<	0.005
81 06 10 1126		.3	1	72	371	560	24.00	31.50	211	7.78	0.003	0.003<	0.007
81 07 29 1450		.3	1	21.8	421	460	5.20	50.00	226	8.16	0.004	0.006	0.009
81 08 11 1120		.3	1	11.8	366	600	3.90	30.00	237	8.06	0.004	0.013	0.006
81 09 01 1110		.3	1	8.3	400	620	4.90	33.50	243	8.23	0.008	0.003<	0.006
81 10 28 1105		.3	1	42.0	428	640	36.00	40.00	244	7.95	0.007	0.003<	0.015
81 11 25 1108		.3	1	23.2	414	690	29.00	37.50	275	8.26	0.008	0.008	0.012
81 12 03 1425		.3	1	18.9	404	720	13.80	48.00	267	8.15	0.004	0.003<	0.007
	MAXIMUM			**72**	**471**	**720**	**54.00**	**50.00**	**275**	**8.39**	**0.008**	**0.013**	**0.063**
	ARITH MEAN			**27**	**403**	**605**	**16.40**	**39.29**	**240**	**8.07**	**0.005**	**0.009**	**0.014**
	GEOM MEAN			**23**	**402**	**596**	**10.75**	**38.65**	**239**	**8.07**	**0.004**	**0.009**	**0.010**
	MINIMUM			**8.3**	**363**	**375.0**	**3.90**	**29.000**	**211**	**7.75**	**0.003**	**0.006**	**0.005**
	STD DEV (GEOM *)			**17**	**31**	**101**	**16.11**	**7.36**	**20**	**0.20**	**0.002**	**0.004**	**0.018**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**10**	**11**	**10**	**3**	**10**

B.O.W./ SITE: **SPEED RIVER**
SAMPLE POINT: **ABOVE GUELPH RESERVOIR ARMSTRONG MILLS**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA040**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-099-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0558875.0 4831900.0 4** REGION: **02** DISTANCE: **191.507**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 20 1012		.3	1	39015	6	0.400	140C	3100	4	4<	0.5	13.8	0.4
81 02 25 1036		.3	1	39056	6 3	9.570	580	1100	10<	80I	0.5	13.3	1.0
81 03 25 1058		.3	1	39097	8 6	1.410	130	1400	10A		2.5	15.00	
81 04 28 1110		.3	1	39138	9 6	1.140	370	3000>	10<		9.5	11.10	
81 05 13 1050		.3	1	39179	3	2.860	1400	23000	110		8.0	11.80	
81 06 16 1015		.3	1	39220	9	0.539	340A	13000	70A		22.5	9.60	
81 07 14 1030		.3	1	39261	7	0.252	420A	11000	170	390	21.0	9.90	
81 08 06 1020		.3	1	39302	9	0.567	1000	20000	260	360	20.0		
81 09 10 1012		.3	1	39343	9	0.838	1100	28000	40A	330	14.5	10.40	
81 10 14 1055		.3	1	39384	9	0.619	140A	4800	10A	20A	6.5	12.80	
81 11 19 1007		.3	1	39425	9	2.180	2100	2900	80A	90A	4.5	11.60	
81 12 10 1020		.3	1	39466	8 6	0.930	120A	2060	60A	10A	0.5	13.00	
MAXIMUM						**9.570**	**2100**	**28000**	**260**	**390**	**22.5**	**15.00**	**1.0**
ARITH MEAN						**1.775**	**653**	**10033**	**81**	**183**	**9.2**	**12.0**	**0.7**
GEOM MEAN						**1.030**	**420**	**5805**	**44**	**94**	**4.6**	**11.9**	**0.6**
MINIMUM						**0.252**	**120**	**1100**	**4**	**10**	**0.5**	**9.60**	**0.4**
STD DEV (GEOM *)						**2.572**	**3***	**3***	**4***	**4***	**8.3**	**1.7**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**10**	**7**	**12**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 1012		.3	1	0.010	0.005	0.090	0.500	0.021	2.530	2.641	0.410	3.051	350.0
81 02 25 1036		.3	1	0.034	0.013	0.056	0.620	0.021	2.580	2.657	0.564	3.221	256.0
81 03 25 1058		.3	1	0.016		0.006							
81 04 28 1110		.3	1	0.011		0.024							
81 05 13 1050		.3	1	0.013		0.024							
81 06 16 1015		.3	1	0.030		0.002<T							
81 07 14 1030		.3	1	0.020		0.004							
81 08 06 1020		.3	1	0.028		0.002							
81 09 10 1012		.3	1	0.032		0.026							
81 10 14 1055		.3	1	0.106		0.026							
81 11 19 1007		.3	1	0.138		0.048							
81 12 10 1020		.3	1	0.016		0.016							
MAXIMUM				**0.138**	**0.013**	**0.090**	**0.620**	**0.021**	**2.580**	**2.657**	**0.564**	**3.221**	**350.0**
ARITH MEAN				**0.038**	**0.009**	**0.027<A**	**0.560**	**0.021**	**2.555**	**2.649**	**0.487**	**3.136**	**303.0**
GEOM MEAN				**0.026**	**0.008**	**0.015<A**	**0.557**	**0.021**	**2.555**	**2.649**	**0.481**	**3.135**	**299.3**
MINIMUM				**0.010**	**0.005**	**0.002**	**0.500**	**0.021**	**2.530**	**2.641**	**0.410**	**3.051**	**256.0**
STD DEV (GEOM *)				**0.041**	**0.006**	**0.026<A**	**0.085**	**0.000**	**0.035**	**0.011**	**0.109**	**0.120**	**66.5**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*ASUT*	*CRUT*
81 01 20 1012		.3	1	3.0	347.0	560.0	1.80	13.000		7.91			
81 02 25 1036		.3	1	6.0	250.000	385.0	2.10	11.500		7.95			
81 03 25 1058		.3	1	2		495	2.40		213	8.22	1<T	0.001<	0.002 <
81 04 28 1110		.3	1	3		480	1.50		211	8.33	1<T	0.001<	0.002 <
81 05 13 1050		.3	1	5		470	1.20		212	8.40	1<T	0.001<	0.002 <
81 06 16 1015		.3	1	4		460	1.50		215	8.46	1<T	0.001<	0.0060
81 07 14 1030		.3	1	2		440	1.20		208	8.37	1<T	0.001	0.0030
81 08 06 1020		.3	1	4.9		500	0.93		220	8.17	1<T	0.001<	0.0030
81 09 10 1012		.3	1	5.3		542	1.16		251	8.25	1<T	0.001<	0.0060
81 10 14 1055		.3	1	4.0		520	0.59		250	8.66	1<T	0.001<	0.0040
81 11 19 1007		.3	1	1.8		520	0.96		239	8.30	1<T	0.001<	0.0040
81 12 10 1020		.3	1	1.7		560	0.95		262	8.38	1<T	0.001<	0.003
MAXIMUM				**6.0**	**347.0**	**560.0**	**2.40**	**13.000**	**262**	**8.66**	**1**	**0.001**	**0.0060**
ARITH MEAN				**3**	**298.5**	**494**	**1.36**	**12.250**	**228**	**8.28**	**1<A**	**0.001**	**0.004**
GEOM MEAN				**3**	**294.5**	**491**	**1.27**	**12.227**	**227**	**8.28**	**1<A**		**0.004**
MINIMUM				**1.7**	**250.000**	**385.0**	**0.59**	**11.500**	**208**	**7.91**	**1**	**0.001**	**0.0030**
STD DEV (GEOM *)				**1**	**68.5**	**51**	**0.53**	**1.061**	**20**	**0.21**	**0<A**		**0.001**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**2**	**10**	**12**	**10**	**1**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	CYANIDE AVAIL UNF.REAC MG/L AS HCN	PCB TOTAL NG/L
TEST-NAME:				*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*CCNAUR*	*P1PCBT*
81 03 25 1058		.3	1	0.002	0.003<	0.0002<	0.002	0.010<	
81 04 28 1110		.3	1	0.001<	0.003<	0.0002<	0.001	0.010<	
81 05 13 1050		.3	1	0.002	0.003<	0.0002<	0.001<	0.010<	20<W
81 06 16 1015		.3	1	0.004	0.003<	0.0001<	0.001	0.010<	
81 07 14 1030		.3	1	0.006	0.004	0.0008	0.003		
81 08 06 1020		.3	1	0.003	0.008	0.0003	0.003	0.010<	
81 09 10 1012		.3	1	0.008	0.006	0.0003	0.005	0.010<	
81 10 14 1055		.3	1	0.006	0.007	0.0002	0.004	0.005<T	20<W
81 11 19 1007		.3	1	0.005	0.003<	0.0001<	0.003		
81 12 10 1020		.3	1	0.003	0.006	0.0002	0.004	0.005<T	
MAXIMUM				**0.008**	**0.008**	**0.0008**	**0.005**	**0.005**	
ARITH MEAN				**0.004**	**0.006**	**0.0004**	**0.003**	**0.005<A**	
GEOM MEAN				**0.004**	**0.006**	**0.0003**	**0.003**	**0.005<A**	
MINIMUM				**0.002**	**0.004**	**0.0002**	**0.001**	**0.005**	
STD DEV (GEOM *)				**0.002**	**0.001**	**0.0003**	**0.001**	**0.000<A**	
# SAMPLES (IN STATISTICS)				**9**	**5**	**5**	**9**	**2**	

B.O.W./ SITE: **CONESTOGO RIVER**
SAMPLE POINT: **AT WELLINGTON COUNTY ROAD NO 7**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA039**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-100-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0529200.0 4847650.0 4** REGION: **02** DISTANCE: **244.775**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 01 21 1145		.3	1	39024	6 4	0.363	850	1700	370	490	0.5	12.4	0.8
81 02 26 1050		.3	1	39065	6 3	7.790	1300	4900	120	480	0.5	13.4	0.5
81 03 31 1157		.3	1	39110	3	19.900	5100	9300	330	1430	6.5	11.20	
81 04 30 1135		.3	1	39151	9	1.150	100A	4200	40A	20<	10.0		
81 05 21 1110		.3	1	39192	8 6	0.875	230A	11400	50A	100			
81 06 18 1120		.3	1	39233	8 6	0.196	1400A	41000	450	110	21.5	9.30	
81 07 07 1115		.3	1	39274		0.793	1800A	35000	890	260			
81 08 25 1116		.3	1	39315	7 8	0.114	2900A	45000	2080	320	19.0	9.60	
81 09 16 1100		.3	1	39356	8	0.493	1200	22500	50A	150	16.8	10.20	
81 10 21 1220		.3	1	39397	8 6	4.810	1200	18000	410	160	6.2	11.40	
81 11 12 1150		.3	1	39438	9	1.180	180A	2060	10<	10A	2.2	13.40	
81 12 08 1140		.3	1	39479	8 6	1.600	520	1940	60A	40A	0.5	12.40	
	MAXIMUM					**19.900**	**5100**	**45000**	**2080**	**1430**	**21.5**	**13.40**	**0.8**
	ARITH MEAN					**3.272**	**1398**	**16417**	**441**	**323**	**8.4**	**11.4**	**0.6**
	GEOM MEAN					**1.133**	**842**	**9241**	**207**	**168**	**3.9**	**11.3**	**0.6**
	MINIMUM					**0.114**	**100**	**1700**	**40**	**10**	**0.5**	**9.30**	**0.5**
	STD DEV (GEOM *)					**5.708**	**3***	**3***	**4***	**4***	**8.1**	**1.5**	**0.2**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**12**	**11**	**11**	**10**	**9**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 21 1145		.3	1	0.051	0.028	0.630	1.200	0.012	1.040		1.682	0.570	2.252
81 02 26 1050		.3	1	0.068	0.035	0.130	0.780	0.027	3.470		3.627	0.650	4.277
81 03 31 1157		.3	1	0.260	0.036	0.152	1.50	0.038	3.810	3.850	4.000	1.348	5.348
81 04 30 1135		.3	1	0.029	0.002	0.236	0.90	0.022	0.780	0.780	1.038	0.664	1.702
81 05 21 1110		.3	1	0.028	0.006	0.010	0.66	0.072	0.878	0.950	0.960	0.650	1.610
81 06 18 1120		.3	1	0.060	0.021	0.006	0.84	0.002	0.320	0.320	0.328	0.834	1.162
81 07 07 1115		.3	1	0.078	0.012	0.004	1.22	0.018	3.880	3.900	3.902	1.216	5.118
81 08 25 1116		.3	1	0.065	0.043	0.022	1.10	0.003	0.530	0.535	0.555	1.078	1.633
81 09 16 1100		.3	1	0.058	0.004	0.034	0.70	0.011	0.025	0.035	0.070	0.666	0.736
81 10 21 1220		.3	1	0.032	0.006	0.032	0.76	0.010	1.740	1.750	1.782	0.728	2.510
81 11 12 1150		.3	1	0.235	0.100	0.044	0.72	0.005	1.040	1.050	1.089	0.676	1.765
81 12 08 1140		.3	1	0.022	0.010	0.030	0.58	0.022	2.780	2.800	2.832	0.550	3.382
	MAXIMUM			**0.260**	**0.100**	**0.630**	**1.50**	**0.072**	**3.880**	**3.900**	**4.000**	**1.348**	**5.348**
	ARITH MEAN			**0.082**	**0.025**	**0.111**	**0.91**	**0.020**	**1.691**	**1.597**	**1.822**	**0.802**	**2.625**
	GEOM MEAN			**0.060**	**0.015**	**0.041**	**0.87**	**0.013**	**0.979**	**0.899**	**1.171**	**0.769**	**2.230**
	MINIMUM			**0.022**	**0.002**	**0.004**	**0.58**	**0.002**	**0.025**	**0.035**	**0.070**	**0.550**	**0.736**
	STD DEV (GEOM *)			**0.079**	**0.027**	**0.179**	**0.28**	**0.019**	**1.413**	**1.431**	**1.420**	**0.264**	**1.649**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	PH	PHENOLS UNF-REAC UG/L PHENOL	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*PH*	*PHNOL*	*COD*	*DOC*
81 01 21 1145		.3	1	417.0	6.0	411.0	660.0	4.40	1.150	7.86			
81 02 26 1050		.3	1	300.0	17.0	283.0	430.0	6.60	11.500	8.03			
81 03 31 1157		.3	1		81	278	440	58.00	12.00	7.85	1<T	223	8.3
81 04 30 1135		.3	1		7	371	630	3.50	42.00	8.23	1	13	7.0
81 05 21 1110		.3	1		7	303	500	4.00	16.50	8.45	1<T	27	7.8
81 06 18 1120		.3	1		13	293	490	3.80	17.50	8.30	1<T	27	8.1
81 07 07 1115		.3	1		34	319	485	20.00	21.50	8.23	1<T	33	8.7
81 08 25 1116		.3	1		21.3	323	600	1.41	68.00	8.00	1<T	36	8.2
81 09 16 1100		.3	1				540	1.78	17.50	8.47	1<T	47	9.8
81 10 21 1220		.3	1		11.0	369	560	4.10	14.00	8.36	1<T	167	10.0
81 11 12 1150		.3	1		5.5	439	680	5.90	41.50	8.47	1<T	32	7.5
81 12 08 1140		.3	1		4.9	331	580	4.10	15.50	8.39	1<T	11	6.1
	MAXIMUM			**417.0**	**81**	**439**	**680**	**58.00**	**68.00**	**8.47**	**1**	**223**	**10.0**
	ARITH MEAN			**358.5**	**18**	**338**	**549**	**9.80**	**23.22**	**8.22**	**1<A**	**62**	**8.1**
	GEOM MEAN			**353.7**	**12**	**334**	**543**	**5.26**	**16.61**	**8.22**	**1<A**	**38**	**8.1**
	MINIMUM			**300.0**	**4.9**	**278**	**430.0**	**1.41**	**1.150**	**7.85**	**1**	**11**	**6.1**
	STD DEV (GEOM *)			**82.7**	**22**	**63**	**83**	**15.93**	**18.34**	**0.23**	**0<A**	**72**	**1.2**
	# SAMPLES (IN STATISTICS)			**2**	**11**	**11**	**12**	**12**	**12**	**12**	**10**	**10**	**10**

B.O.W./ SITE: **SPEED RIVER**
SAMPLE POINT: **AT HIGHWAY NO.8 CAMBRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-101-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0551350.0 4805150.0 4** REGION: **02** DISTANCE: **152.401**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PSEUDOMN AERUG. MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*PSAMF*	*FWTEMP*	*DO*	*BOD5*
81 01 14 1309		.3	1	39040	6	10800	16000	2600	560		0.5	13.4	2.6
81 02 18 1155		.3	1	39081	6 3	31000C	280000	2900	4700		1.0	13.4	5.5
81 03 24 1342		.3	1	39122	6 8	150	1000	20<	120A	10A	6.0	12.60	1.2
81 04 29 1359		.3	1	39163	9	3100	12300	220	30A	32	11.0		2.0
81 05 20 1240		.3	1	39204	7	2300A	36000	50A	30A	8	15.0	12.00	2.2
81 06 10 1235		.3	1	39245	7	340A	22000	140	190		18.0	7.40	1.0
81 07 29 1605		.3	1	39286	7	3000A	90000	700	240	90A	20.3	10.8	1.2
81 08 11 1230		.3	1	39327	7	1900A	43000	480	270	40	22.0	8.20	1.8
81 09 01 1225		.3	1	39368	7	400A	42000	310	60A	4<	21.2	9.40	0.8
81 10 28 1227		.3	1	39409	3	18000	46000	1500	1780	160	9.0	11.40	2.4
81 11 25 1222		.3	1	39450	9	24000	43000	3000	440	40A	1.8	13.00	1.2
81 12 03 1530		.3	1	39491	9	700A	6000	70A	60A	10<	3.0	13.00	2.0
MAXIMUM						**31000**	**280000**	**3000**	**4700**	**160**	**22.0**	**13.4**	**5.5**
ARITH MEAN						**7974**	**53108**	**1088**	**707**	**54**	**10.7**	**11.3**	**2.0**
GEOM MEAN						**2572**	**25730**	**489**	**215**	**35**	**6.3**	**11.1**	**1.7**
MINIMUM						**150**	**1000**	**50**	**30**	**8**	**0.5**	**7.40**	**0.8**
STD DEV (GEOM *)						**6***	**4***	**4***	**5***	**3***	**8.3**	**2.1**	**1.3**
# SAMPLES (IN STATISTICS)						**12**	**12**	**11**	**12**	**7**	**12**	**11**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 01 14 1309		.3	1	0.076	0.035	0.730	1.440	0.074	3.130		3.934	0.710	4.644
81 02 18 1155		.3	1	0.355	0.115	0.610	2.180	0.125	2.030		2.765	1.570	4.335
81 03 24 1342		.3	1	0.081	0.040	0.400	0.87	0.060	3.740	3.800	4.200	0.470	4.670
81 04 29 1359		.3	1	0.122	0.072	0.098	0.86	0.091	2.210	2.300	2.399	0.762	3.161
81 05 20 1240		.3	1	0.036	0.054	0.006	0.42	0.100	2.20	2.300	2.306	0.414	2.720
81 06 10 1235		.3	1	0.178		0.012	0.88	0.042	3.010	3.050	3.064	0.868	3.932
81 07 29 1605		.3	1	0.212	0.007	0.060	0.75	0.087	1.960	2.050	2.107	0.690	2.797
81 08 11 1230		.3	1	0.210	0.135	0.008	0.80	0.001	2.400	2.400	2.409	0.792	3.201
81 09 01 1225		.3	1	0.135	0.058	0.004	0.72	0.080	1.820	1.900	1.904	0.716	2.620
81 10 28 1227		.3	1	0.148	0.030	0.056	1.12	0.001	1.900	1.900	1.957	1.064	3.021
81 11 25 1222		.3	1	0.086	0.045	0.018	0.77	0.001<T	2.400	2.400	2.419	0.752	3.171
81 12 03 1530		.3	1	0.060	0.022	0.276	1.00	0.018	3.030	3.050	3.324	0.724	4.048
MAXIMUM				**0.355**	**0.135**	**0.730**	**2.180**	**0.125**	**3.740**	**3.800**	**4.200**	**1.570**	**4.670**
ARITH MEAN				**0.142**	**0.056**	**0.190**	**0.98**	**0.057<A**	**2.48**	**2.515**	**2.732**	**0.794**	**3.527**
GEOM MEAN				**0.119**	**0.043**	**0.054**	**0.91**	**0.023<A**	**2.42**	**2.456**	**2.646**	**0.752**	**3.455**
MINIMUM				**0.036**	**0.007**	**0.004**	**0.42**	**0.001**	**1.820**	**1.900**	**1.904**	**0.414**	**2.620**
STD DEV (GEOM *)				**0.088**	**0.039**	**0.257**	**0.44**	**0.043<A**	**0.60**	**0.607**	**0.753**	**0.296**	**0.755**
# SAMPLES (IN STATISTICS)				**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*PHNOL*
81 01 14 1309		.3	1	498.00	5.00	493.00	780.0	2.50	54.000	56.000	246.0	7.90	1.000<
81 02 18 1155		.3	1	434.00	71.00	363.00	620.0	11.00	77.000	34.000	156.0	7.65	1.000
81 03 24 1342		.3	1		6	453	760	1.80	72.00	55.000	224	8.22	1 <T
81 04 29 1359		.3	1		10	395	600	2.30	49.50	46.5	196	8.26	1 <T
81 05 20 1240		.3	1		7	294	640	2.20	52.00	48.0	206	8.48	1 <T
81 06 10 1235		.3	1		13	537	820	3.70	101.00	65.0	203	8.22	1 <T
81 07 29 1605		.3	1		9.2	364	550	2.00	35.50	39.5	163	8.44	1 <T
81 08 11 1230		.3	1		11.8	429	640	1.90	66.00	50.0	195	8.14	1 <T
81 09 01 1225		.3	1		4.3	373	600	2.20	48.50	43.5	205	8.09	1 <T
81 10 28 1227		.3	1		27.0	325	540	11.60	36.00	41.0	198	8.16	1
81 11 25 1222		.3	1		2.1	403	650	2.50	46.00	47.0	233	8.34	1 <T
81 12 03 1530		.3	1		5.0	417	660	2.20	48.50	55.0	233	8.30	1 <T
MAXIMUM				**498.00**	**71.00**	**537**	**820**	**11.60**	**101.00**	**65.0**	**246.0**	**8.48**	**1.000**
ARITH MEAN				**466.00**	**14**	**403**	**655**	**3.82**	**57.16**	**48.3**	**204**	**8.18**	**1 <A**
GEOM MEAN				**464.90**	**8**	**398**	**649**	**2.98**	**54.65**	**47.6**	**203**	**8.18**	**1 <A**
MINIMUM				**434.00**	**2.1**	**294**	**540**	**1.80**	**35.50**	**34.000**	**156.0**	**7.65**	**1.000**
STD DEV (GEOM *)				**45.25**	**19**	**68**	**88**	**3.53**	**18.83**	**8.4**	**27**	**0.23**	**0 <A**
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*FEUT*	*HARDT*	*CAUR*	*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*DOC*	*ASUT*
81 01 14 1309		.3	1	0.120				24.000			23		0.001<
81 02 18 1155		.3	1	1.800				29.000			44		0.001<
81 03 24 1342		.3	1	0.13	278	76.0	21.50	15.7	2.90	42.0	47	4.1	
81 04 29 1359		.3	1	0.18	227	58.0	20.00	22.4	2.30	27.0	.8	6.0	
81 05 20 1240		.3	1	0.29							27	6.4	
81 06 10 1235		.3	1	0.40	250	59.0	25.00	19.3	3.45	64.0	19	5.4	
81 07 29 1605		.3	1	0.36	172	40.0	17.50	30.0	2.50	21.0	28	6.1	
81 08 11 1230		.3	1	0.46	204	47.0	21.00	31.8	2.75	37.0	20	5.6	
81 09 01 1225		.3	1	0.31	229	57.0	21.00	24.7	2.50	31.5	33	5.5	
81 10 28 1227		.3	1		201	50.0	18.50	37.7	2.50	20.0	32	7.1	
81 11 25 1222		.3	1	0.11	267	70.0	22.50	27.4	2.45	27.0	35	7.0	
81 12 03 1530		.3	1	0.14	278	75.0	22.00	27.2	2.50	27.0	22	6.3	
MAXIMUM				**1.800**	**278**	**76.0**	**25.00**	**37.7**	**3.45**	**64.0**	**47**	**7.1**	
ARITH MEAN				**0.39**	**234**	**59.1**	**21.00**	**26.2**	**2.65**	**32.9**	**28**	**5.9**	
GEOM MEAN				**0.26**	**231**	**57.9**	**20.90**	**25.6**	**2.63**	**30.9**	**26**	**5.9**	
MINIMUM				**0.11**	**172**	**40.0**	**17.50**	**15.7**	**2.30**	**20.0**	**8**	**4.1**	
STD DEV (GEOM *)				**0.48**	**37**	**12.5**	**2.21**	**6.0**	**0.35**	**13.6**	**11**	**0.9**	
# SAMPLES (IN STATISTICS)				**11**	**9**	**9**	**9**	**11**	**9**	**9**	**12**	**10**	

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 14 1309		.3	1	0.040<	0.084	0.004	0.001	0.003	0.0007	0.069	0.027	0.006	0.0005<
81 02 18 1155		.3	1	0.060	0.830	0.018	0.018	0.026	0.001 >	0.240	0.204	0.010	0.001 <
81 03 24 1342		.3	1	0.03 <	0.060	0.002 <	0.007	0.003<		0.028	0.032	0.020	
81 04 29 1359		.3	1	0.05 <	0.062	0.002 <	0.001<	0.003<		0.022	0.044	0.005	
81 05 20 1240		.3	1				0.004	0.004		0.021			
81 06 10 1235		.3	1	0.06 <	0.170	0.0070	0.006	0.006		0.030	0.124	0.0080	
81 07 29 1605		.3	1		0.830	0.0040	0.006	0.012		0.023	0.048	0.0140	
81 08 11 1230		.3	1		0.210	0.0050	0.005	0.014		0.037	0.084	0.0080	
81 09 01 1225		.3	1		0.250	0.0050	0.013	0.004		0.039	0.054	0.0420	
81 10 28 1227		.3	1	0.12 U	0.440	0.0040	0.005	0.011		0.090		0.0060	
81 11 25 1222		.3	1	0.12 U	0.130	0.0040	0.012	0.005		0.032	0.018	0.0050	
81 12 03 1530		.3	1	0.15 U	0.077	0.002 <	0.004	0.003<		0.049	0.022	0.006	
MAXIMUM				**0.15**	**0.830**	**0.018**	**0.018**	**0.026**	**0.0007**	**0.240**	**0.204**	**0.0420**	
ARITH MEAN				**0.11**	**0.286**	**0.006**	**0.007**	**0.009**	**0.0007**	**0.057**	**0.066**	**0.011**	
GEOM MEAN				**0.10**	**0.185**	**0.005**	**0.006**	**0.007**		**0.042**	**0.049**	**0.009**	
MINIMUM				**0.060**	**0.060**	**0.004**	**0.001**	**0.003**	**0.0007**	**0.021**	**0.018**	**0.005**	
STD DEV (GEOM *)				**0.03**	**0.291**	**0.004**	**0.005**	**0.007**		**0.061**	**0.068**	**0.011**	
# SAMPLES (IN STATISTICS)				**4**	**11**	**8**	**11**	**9**	**1**	**12**	**10**	**11**	

B.O.W./ SITE: **ERAMOSA RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA029**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-102-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0565950.0 4821750.0 4** REGION: **02** DISTANCE: **180.563**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 20 0955		.3	1	39014	6	0.960	72	1160	4<	4	0.5	13.0	0.2
81 02 25 1016		.3	1	39055	6 3	11.700	460	1900	10<	40I	0.5	13.2	0.7
81 03 25 1038		.3	1	39096	8 6	2.000	20A	1800	10<	10<	2.5	13.80	
81 04 28 1049		.3	1	39137	8 6	2.330	280	3000>	10A	10A	10.0	10.20	
81 05 13 1027		.3	1	39178	3	3.690	470	3000>	30A	10A	9.0	10.90	
81 06 16 1000		.3	1	39219	8 6	1.130	380A	4500	50A	70A	21.0	7.80	
81 07 14 1015		.3	1	39260	8 6	0.918	360A	8500	110	30A	21.0	7.00	
81 08 06 1000		.3	1	39301	8 6	1.670	700A	24500	100A	20A	19.0	7.70	
81 09 10 0955		.3	1	39342	8 6	2.040	600A	28000	90A	60A	15.0	8.20	
81 10 14 1035		.3	1	39383	8 6	1.630	120A	6600	10<	10A	6.8	10.80	
81 11 19 0945		.3	1	39424	8 6	3.500	6700	9700	30A	60A	4.5	11.10	
81 12 10 0955		.3	1	39465	8 6	1.950	200	1620	10A	10<	0.5	12.60	
MAXIMUM						**11.700**	**6700**	**28000**	**110**	**70**	**21.0**	**13.80**	**0.7**
ARITH MEAN						**2.793**	**863**	**8828**	**54**	**31**	**9.2**	**10.5**	**0.4**
GEOM MEAN						**2.106**	**311**	**5050**	**38**	**22**	**4.7**	**10.2**	**0.4**
MINIMUM						**0.918**	**20**	**1160**	**10**	**4**	**0.5**	**7.00**	**0.2**
STD DEV (GEOM *)						**2.939**	**4***	**3***	**3***	**3***	**8.0**	**2.3**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**8**	**10**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 20 0955		.3	1	0.008	0.004	0.050	0.290	0.011	1.790		1.851	0.240	2.091
81 02 25 1016		.3	1	0.032	0.010	0.052	0.520	0.010	1.340		1.402	0.468	1.870
81 03 25 1038		.3	1	0.008		0.004	0.28	0.004	1.700	1.700	1.708	0.276	1.984
81 04 28 1049		.3	1	0.011		0.026	0.39	0.005	0.775	0.880	0.806	0.364	1.170
81 05 13 1027		.3	1	0.019		0.030	0.46	0.010	0.615	0.625	0.655	0.430	1.085
81 06 16 1000		.3	1	0.025		0.002<T	0.50	0.010	0.810	0.820	0.822	0.498	1.320
81 07 14 1015		.3	1	0.022		0.004	0.59	0.058	0.705	0.765	0.767	0.586	1.353
81 08 06 1000		.3	1	0.052		0.004	0.42	0.002	0.615	0.615	0.621	0.416	1.037
81 09 10 0955		.3	1	0.020		0.028	0.60	0.003	0.465	0.470	0.496	0.572	1.068
81 10 14 1035		.3	1	0.025		0.020	0.47	0.002	0.700	0.700	0.722	0.450	1.172
81 11 19 0945		.3	1	0.122		0.018	0.42	0.002	0.925	0.925	0.945	0.402	1.347
81 12 10 0955		.3	1	0.011		0.022	0.37	0.002	1.450	1.450	1.474	0.348	1.822
MAXIMUM				**0.122**	**0.010**	**0.052**	**0.60**	**0.058**	**1.790**	**1.700**	**1.851**	**0.586**	**2.091**
ARITH MEAN				**0.030**	**0.007**	**0.022<A**	**0.44**	**0.010**	**0.991**	**0.896**	**1.022**	**0.421**	**1.443**
GEOM MEAN				**0.021**	**0.006**	**0.014<A**	**0.43**	**0.005**	**0.904**	**0.832**	**0.937**	**0.408**	**1.399**
MINIMUM				**0.008**	**0.004**	**0.002**	**0.28**	**0.002**	**0.465**	**0.470**	**0.496**	**0.240**	**1.037**
STD DEV (GEOM *)				**0.032**	**0.004**	**0.017<A**	**0.10**	**0.016**	**0.456**	**0.387**	**0.460**	**0.106**	**0.388**
# SAMPLES (IN STATISTICS)				**12**	**2**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 20 0955		.3	1	368.00	2.00	336 <	600.0	1.30	18.500	43.000	246.0	7.89	1.0 <
81 02 25 1016		.3	1	258.00	8.00	250.000	385.0	2.00	14.500	25.000	149.0	8.01	1.000<
81 03 25 1038		.3	1		2	342	540	1.20	19.00	39.5	228	8.15	1 <T
81 04 28 1049		.3	1		3	317	510	1.30	19.00	35.5	211	8.28	1 <T
81 05 13 1027		.3	1		5	310	495	1.50	16.50	1.5	211	8.25	1 <T
81 06 16 1000		.3	1		6	356	540	1.00	19.00	34.0	230	8.28	1 <T
81 07 14 1015		.3	1		2	305	520	1.20	20.00	31.0	225	8.20	1 <T
81 08 06 1000		.3	1		6.4	360	540	1.28	17.50	44.0	224	8.01	1 <T
81 09 10 0955		.3	1		6.8	354	538	0.86	17.50	26.5	241	8.11	1 <T
81 10 14 1035		.3	1		2.0	346	530	0.75	19.50	39.0	240	8.48	1 <T
81 11 19 0945		.3	1		1.3	321	500	1.06	18.50	35.0	227	8.21	1 <T
81 12 10 0955		.3	1		1.2	319	550	1.33	20.00	42.0	244	8.44	1 <T
MAXIMUM				**368.00**	**8.00**	**360**	**600.0**	**2.00**	**20.00**	**44.0**	**246.0**	**8.48**	**1**
ARITH MEAN				**313.00**	**3**	**325**	**520**	**1.23**	**18.29**	**33.0**	**223**	**8.19**	**1 <A**
GEOM MEAN				**308.13**	**3**	**323**	**518**	**1.20**	**18.22**	**27.1**	**221**	**8.19**	**1 <A**
MINIMUM				**258.00**	**1.2**	**250.000**	**385.0**	**0.75**	**14.500**	**1.5**	**149.0**	**7.89**	**1**
STD DEV (GEOM *)				**77.78**	**2**	**31**	**50**	**0.32**	**1.58**	**11.6**	**26**	**0.17**	**0 <A**
# SAMPLES (IN STATISTICS)				**2**	**12**	**11**	**12**	**12**	**12**	**12**	**12**	**12**	**10**

(CONTD)

B.O.W./ SITE: **ERAMOSA RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL**
STATION TYPE: **RIVER FLOW GAUGE FED 02GA029**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-102-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0565950.0 4821750.0 4** REGION: **02** DISTANCE: **180.563**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 20 0955		.3	1	0.060		75.000	23.000	7.000	1.40	8.500	41		
81 02 25 1016		.3	1	0.160		48.000	13.500	32.000	1.90	6.200	16		
81 03 25 1038		.3	1	0.07	271	73.0	21.50	16.6				0.001<	0.001
81 04 28 1049		.3	1	0.06	229	58.0	20.50	18.8				0.001<	0.001<
81 05 13 1027		.3	1	0.10	217	54.0	20.00	31.0				0.001<	0.002
81 06 16 1000		.3	1	0.10	242	60.0	22.50	37.3				0.001<	0.004
81 07 14 1015		.3	1	0.08	224	55.0	21.00	46.7				0.001	0.007
81 08 06 1000		.3	1	0.11	221	53.0	21.50	35.5				0.001<	0.004
81 09 10 0955		.3	1	0.06	260	67.8	22.20	56.6				0.001<	0.140
81 10 14 1035		.3	1	0.08	247	62.0	22.50	27.4				0.001<	0.006
81 11 19 0945		.3	1	0.07	243	65.0	19.50	140.3				0.001<	0.005
81 12 10 0955		.3	1	0.05	266	72.0	21.00	17.1				0.001<	0.004
MAXIMUM				**0.160**	**271**	**75.000**	**23.000**	**140.3**	**1.90**	**8.500**	**41**	**0.001**	**0.140**
ARITH MEAN				**0.08**	**242**	**61.9**	**20.72**	**38.8**	**1.65**	**7.350**	**28**	**0.001**	**0.019**
GEOM MEAN				**0.07**	**241**	**61.3**	**20.55**	**29.8**	**1.63**	**7.259**	**26**		**0.005**
MINIMUM				**0.05**	**217**	**48.000**	**13.500**	**7.000**	**1.40**	**6.200**	**16**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.03**	**19**	**8.7**	**2.61**	**34.7**	**0.35**	**1.626**	**18**		**0.046**
# SAMPLES (IN STATISTICS)				**12**	**10**	**12**	**12**	**12**	**2**	**2**	**2**	**1**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 01 20 0955		.3	1			0.012
81 02 25 1016		.3	1			0.024
81 03 25 1038		.3	1	0.003	0.018	
81 04 28 1049		.3	1	0.003<	0.022	
81 05 13 1027		.3	1	0.003<	0.011	
81 06 16 1000		.3	1	0.003<	0.023	
81 07 14 1015		.3	1	0.007	0.017	
81 08 06 1000		.3	1	0.009	0.023	
81 09 10 0955		.3	1	0.003<	0.057	
81 10 14 1035		.3	1	0.006	0.024	
81 11 19 0945		.3	1	0.003<	0.027	
81 12 10 0955		.3	1	0.006	0.032	
MAXIMUM				**0.009**	**0.057**	**0.024**
ARITH MEAN				**0.006**	**0.025**	**0.018**
GEOM MEAN				**0.006**	**0.023**	**0.017**
MINIMUM				**0.003**	**0.011**	**0.012**
STD DEV (GEOM *)				**0.002**	**0.012**	**0.008**
# SAMPLES (IN STATISTICS)				**5**	**10**	**2**

B.O.W./ SITE: **GRAND RIVER**
SAMPLE POINT: **AT HIGHWAY NO.86**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-103-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0542750.0 4826050.0 4** REGION: **02** DISTANCE: **199.875**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 20 1106		3	1	39018	6 4	48	800	4<	12	0.5	13.6	1.2	0.090
81 02 25 1120		3	1	39059	6 3	1800	6600	50	190	1.0	13.8	1.2	0.115
81 03 25 1139		3	1	39100	8 6	50A	1300	10<	20A	4.0	16.20	0.8	0.019
81 04 28 1203		3	1	39141	8 6	2100	19000	20A	50A	9.5	11.20	1.2	0.023
81 05 13 1155		3	1	39182	3	2500	30000	70A	10<	10.0	11.40	0.8	0.032
81 06 16 1107		3	1	39223	8 6	4100A	30000	20A	30A	20.5	10.00	0.6	0.038
81 07 14 1120		3	1	39264	8 6	2000	28000	280	60A	20.0	10.40	1.2	0.038
81 08 06 1120		3	1	39305	8 6	700A	23000	120A	240	20.5	10.40	0.6	0.026
81 09 10 1110		3	1	39346	8 6	1500A	31000	160	180	17.5	9.30	1.2	0.082
81 10 14 1150		3	1	39387	8 6	80A	7800	20A	20A	8.5	13.20	0.4	0.065
81 11 19 1055		3	1	39428	8 6	560	960	20A	10<	4.5	12.10	0.2<T	0.025
81 12 10 1120		3	1	39469	8 6	330A	3900	30A	10A	0.5	13.40	0.2<T	0.031
MAXIMUM						**4100**	**31000**	**280**	**240**	**20.5**	**16.20**	**1.2**	**0.115**
ARITH MEAN						**1314**	**15197**	**79**	**81**	**9.7**	**12.0**	**0.8<A**	**0.049**
GEOM MEAN						**614**	**7997**	**50**	**45**	**5.3**	**11.9**	**0.7<A**	**0.041**
MINIMUM						**48**	**800**	**20**	**10**	**0.5**	**9.30**	**0.2**	**0.019**
STD DEV (GEOM *)						**5***	**4***	**3***	**3***	**8.0**	**2.0**	**0.4<A**	**0.032**
# SAMPLES (IN STATISTICS)						**12**	**12**	**10**	**10**	**12**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 20 1106		.3	1	0.018	0.090	0.900	0.024	1.430		1.544	0.810	2.354	373.0
81 02 25 1120		.3	1	0.016	0.106	0.920	0.086	2.210		2.402	0.814	3.216	250.0
81 03 25 1139		.3	1	0.006	0.030	0.53	0.012	2.590	2.600	2.632	0.500	3.132	
81 04 28 1203		.3	1	0.001	0.040	0.68	0.021	1.880	1.900	1.941	0.640	2.581	
81 05 13 1155		.3	1	0.010	0.066	0.80	0.029	2.820	2.850	2.915	0.734	3.649	
81 06 16 1107		.3	1	0.006	0.002<T	0.68	0.009	1.090	1.100	1.101	0.678	1.779	
81 07 14 1120		.3	1	0.005	0.002	0.72	0.063	0.702	0.765	0.767	0.718	1.485	
81 08 06 1120		.3	1	0.009	0.002	0.64	0.004	0.580	0.585	0.586	0.638	1.224	
81 09 10 1110		.3	1	0.021	0.050	1.75	0.031	0.690	0.720	0.771	1.700	2.471	
81 10 14 1150		.3	1	0.017	0.016	0.75	0.026	1.120	1.150	1.162	0.734	1.896	
81 11 19 1055		.3	1	0.004	0.022	0.70	0.066	1.630	1.700	1.718	0.678	2.396	
81 12 10 1120		.3	1	0.010	0.016	0.71	0.059	1.340	1.400	1.415	0.694	2.109	
MAXIMUM				**0.021**	**0.106**	**1.75**	**0.086**	**2.820**	**2.850**	**2.915**	**1.700**	**3.649**	**373.0**
ARITH MEAN				**0.010**	**0.037<A**	**0.81**	**0.036**	**1.507**	**1.477**	**1.579**	**0.778**	**2.358**	**311.5**
GEOM MEAN				**0.008**	**0.019<A**	**0.77**	**0.026**	**1.337**	**1.299**	**1.406**	**0.743**	**2.253**	**305.4**
MINIMUM				**0.001**	**0.002**	**0.53**	**0.004**	**0.580**	**0.585**	**0.586**	**0.500**	**1.224**	**250.0**
STD DEV (GEOM *)				**0.006**	**0.035<A**	**0.31**	**0.026**	**0.743**	**0.782**	**0.766**	**0.302**	**0.721**	**87.0**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	CUUT	PBUT	ZNUT
81 01 20 1106		.3	1	43.0	330.0	520.0	8.20	15.000		8.01			
81 02 25 1120		.3	1	35.0	215.000	330.0	15.00	7.850		7.85			
81 03 25 1139		.3	1	3	316	500	1.80	17.00	214	8.43	0.003	0.003<	0.012
81 04 28 1203		.3	1	3	293	460	1.20	18.50	187	8.47	0.001<	0.003<	0.005
81 05 13 1155		.3	1	6	338	510	3.00	19.00	211	8.50	0.003	0.003<	0.001<
81 06 16 1107		.3	1	7	276	430	1.30	13.50	190	8.47	0.011	0.003	0.003
81 07 14 1120		.3	1	4	254	410	1.50	14.50	195	8.38	0.006	0.004	0.005
81 08 06 1120		.3	1	4.1	268	430	0.96	15.00	185	8.28	0.002	0.003<	0.005
81 09 10 1110		.3	1	19.5	276	405	2.30	9.25	186	8.12	0.013	0.003<	0.018
81 10 14 1150		.3	1	4.0	333	490	1.50	12.00	235	8.67	0.008	0.006	0.009
81 11 19 1055		.3	1	1.3	354	520	2.20	15.00	252	8.41	0.005	0.005	0.012
81 12 10 1120		.3	1	4.4	294	500	1.54	12.00	235	8.51	0.003	0.006	0.008
MAXIMUM				**43.0**	**354**	**520.0**	**15.00**	**19.00**	**252**	**8.67**	**0.013**	**0.006**	**0.018**
ARITH MEAN				**11**	**295**	**458**	**3.37**	**14.05**	**209**	**8.34**	**0.006**	**0.005**	**0.009**
GEOM MEAN				**6**	**292**	**455**	**2.26**	**13.63**	**208**	**8.34**	**0.005**	**0.005**	**0.007**
MINIMUM				**1.3**	**215.000**	**330.0**	**0.96**	**7.850**	**185**	**7.85**	**0.002**	**0.003**	**0.003**
STD DEV (GEOM *)				**13**	**40**	**58**	**4.14**	**3.38**	**24**	**0.24**	**0.004**	**0.001**	**0.005**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**9**	**5**	**9**

B.O.W./ SITE: **IRVINE CREEK**
SAMPLE POINT: **AT WILLIAM STREET SALEM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-104-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0544500.0 4837950.0 4** REGION: **02** DISTANCE: **217.416**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 20 1130		.3	1	39019	6	330	2500	60I	48	0.5	14.2	0.4	0.020
81 02 25 1245		.3	1	39060	6 3	1600	8400	160	430	1.0	13.2	0.8	0.095
81 03 25 1157		.3	1	39101	8 6	240	3000>	10<	10A	3.5	13.80	1.2	0.044
81 04 28 1235		.3	1	39142	9 6	520	3000>	310	990	10.5	11.10	0.8	0.032
81 05 13 1205		.3	1	39183	9 3	7100	30000>	120	130	8.5	11.80	0.6	0.031
81 06 16 1130		.3	1	39224	8 6	1300	27000	450	70A	23.5	9.40	0.8	0.032
81 07 14 1130		.3	1	39265	8 6	840A	15600	490	170	21.0	9.60	1.6	0.038
81 08 06 1130		.3	1	39306	8 6	1400	22500	460	300	20.0	9.90	1.0	0.026
81 09 10 1125		.3	1	39347	8 6	1800	22000	310	50A	17.0	10.70	0.4	0.050
81 10 14 1212		.3	1	39388	8 6	1700	19000	80A	10<	8.2	12.60	0.2	0.040
81 11 19 1130		.3	1	39429	9	4900	6400	290	40A	4.2	11.70	0.6	0.010
81 12 10 1145		.3	1	39470		200	1980	50A	10<	0.5	3.80	0.2<T	0.020
MAXIMUM						**7100**	**27000**	**490**	**990**	**23.5**	**14.2**	**1.6**	**0.095**
ARITH MEAN						**1827**	**13931**	**253**	**224**	**9.9**	**10.9**	**0.7<A**	**0.036**
GEOM MEAN						**1066**	**10059**	**192**	**107**	**5.3**	**10.5**	**0.6<A**	**0.032**
MINIMUM						**200**	**1980**	**50**	**10**	**0.5**	**3.80**	**0.2**	**0.010**
STD DEV (GEOM *)						**3***	**3***	**2***	**4***	**8.5**	**2.7**	**0.4<A**	**0.022**
# SAMPLES (IN STATISTICS)						**12**	**9**	**11**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 20 1130		.3	1	0.012	0.120	0.550	0.019	2.930		3.069	0.430	3.499	371.0
81 02 25 1245		.3	1	0.042	0.140	0.950	0.056	5.700		5.896	0.810	6.706	299.0
81 03 25 1157		.3	1	0.014	0.430	1.02	0.022	3.030	3.050	3.482	0.590	4.072	
81 04 28 1235		.3	1	0.002	0.026	0.71	0.027	2.370	2.400	2.423	0.684	3.107	
81 05 13 1205		.3	1	0.008	0.028	0.89	0.025	3.730	3.750	3.783	0.862	4.645	
81 06 16 1130		.3	1	0.001	0.002<T	0.82	0.030	0.745	0.775	0.777	0.818	1.595	
81 07 14 1130		.3	1	0.001<T	0.010	0.98	0.074	0.641	0.715	0.725	0.970	1.695	
81 08 06 1130		.3	1	0.005	0.002	0.68	0.082	0.360	0.440	0.444	0.678	1.122	
81 09 10 1125		.3	1	0.001	0.026	1.00	0.011	3.390	3.400	3.427	0.974	4.401	
81 10 14 1212		.3	1	0.018	0.036	0.69	0.009	3.540	3.550	3.565	0.654	4.239	
81 11 19 1130		.3	1	0.002	0.026	0.75	0.035	3.220	3.250	3.281	0.724	4.005	
81 12 10 1145		.3	1	0.006	0.020	0.62	0.028	5.720	5.750	5.768	0.600	6.368	
MAXIMUM				**0.042**	**0.430**	**1.02**	**0.082**	**5.720**	**5.750**	**5.896**	**0.974**	**6.706**	**371.0**
ARITH MEAN				**0.009<A**	**0.072<A**	**0.80**	**0.035**	**2.948**	**2.708**	**3.055**	**0.733**	**3.788**	**335.0**
GEOM MEAN				**0.005<A**	**0.026<A**	**0.79**	**0.028**	**2.252**	**2.079**	**2.383**	**0.716**	**3.349**	**333.1**
MINIMUM				**0.001**	**0.002**	**0.550**	**0.009**	**0.360**	**0.440**	**0.444**	**0.430**	**1.122**	**299.0**
STD DEV (GEOM *)				**0.012<A**	**0.121<A**	**0.16**	**0.024**	**1.750**	**1.663**	**1.770**	**0.161**	**1.744**	**50.9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

(CONTD)

B.O.W./ SITE: **IRVINE CREEK**
SAMPLE POINT: **AT WILLIAM STREET SALEM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-104-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0544500.0 4837950.0 4** REGION: **02** DISTANCE: **217.416**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*COD*
81 01 20 1130		.3	1	5.0	366.0	620.0	2.10	13.000		7.96			
81 02 25 1245		.3	1	23.0	276.0	420.0	13.00	10.500		7.98			
81 03 25 1157		.3	1	5	330	520	3.90	12.50	230	8.28	1<T	0.25	21
81 04 28 1235		.3	1	11	333	530	2.50	14.50	234	8.53	1<T	0.30	13
81 05 13 1205		.3	1	6	374	540	3.50	14.50	232	8.42	1<T	0.18	51
81 06 16 1130		.3	1	6	299	440	1.50	12.00	207	8.59	1<T	0.12	21
81 07 14 1130		.3	1	4	284	420	1.50	17.00	181	8.41	1<T	0.10	36
81 08 06 1130		.3	1	4.5	252	410	1.02	14.00	174	8.28	1<T	0.12	24
81 09 10 1125		.3	1	3.0	431	620	1.15	14.50	287	8.42	1<T	0.07	23
81 10 14 1212		.3	1	3.0	383	570	0.64	14.50	257	8.68	1<T	0.03	8
81 11 19 1130		.3	1	2.9	369	600	2.60	16.00	282	8.41	1<T	0.10	10
81 12 10 1145		.3	1	7.4	403	680	1.67	17.50	257	8.47	1<T	0.09	7
MAXIMUM				**23.0**	**431**	**680**	**13.00**	**17.50**	**287**	**8.68**	**1**	**0.30**	**51**
ARITH MEAN				**6**	**341**	**530**	**2.92**	**14.20**	**234**	**8.37**	**1<A**	**0.14**	**21**
GEOM MEAN				**5**	**337**	**523**	**2.09**	**14.07**	**231**	**8.37**	**1<A**	**0.11**	**18**
MINIMUM				**2.9**	**252**	**410**	**0.64**	**10.500**	**174**	**7.96**	**1**	**0.03**	**7**
STD DEV (GEOM *)				**5**	**55**	**91**	**3.32**	**2.02**	**38**	**0.22**	**0<A**	**0.08**	**14**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 25 1157		.3	1	0.001<	0.002	0.003	0.003	0.002 <
81 04 28 1235		.3	1	0.001<	0.001<	0.003<	0.001<	0.002 <
81 05 13 1205		.3	1	0.001<	0.002	0.003<	0.001<	0.002 <
81 06 16 1130		.3	1	0.001<	0.003	0.004	0.007	0.0010
81 07 14 1130		.3	1	0.001<	0.002	0.004	0.002	0.0020<
81 08 06 1130		.3	1	0.001<	0.002	0.007	0.005	0.0030
81 09 10 1125		.3	1	0.001<	0.006	0.003<	0.003	0.0020
81 10 14 1212		.3	1	0.001<	0.008	0.009	0.004	0.0040
81 11 19 1130		.3	1	0.001<	0.007	0.003	0.006	0.0020
81 12 10 1145		.3	1	0.001<	0.006	0.004	0.004	0.002
MAXIMUM					**0.008**	**0.009**	**0.007**	**0.0040**
ARITH MEAN					**0.004**	**0.005**	**0.004**	**0.002**
GEOM MEAN					**0.004**	**0.004**	**0.004**	**0.002**
MINIMUM					**0.002**	**0.003**	**0.002**	**0.0010**
STD DEV (GEOM *)					**0.002**	**0.002**	**0.002**	**0.001**
# SAMPLES (IN STATISTICS)					**9**	**7**	**8**	**6**

B.O.W./ SITE: **COX CREEK**
SAMPLE POINT: **AT HIGHWAY NO.86**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-105-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0544725.0 4825650.0 4** REGION: **02** DISTANCE: **200.680**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 20 1052		.3	1	39017	6 4	220	1500	30I	16	0.5	11.4	0.6	0.033
81 02 25 1114		.3	1	39058	6 3	750C	5000	40I	120	0.5	12.4	0.6	0.085
81 03 25 1131		.3	1	39099	8 6	30A	900	10A	10A	4.0	14.20	0.8	0.011
81 04 28 1157		.3	1	39140	9 6	2900	28000	340	860	10.5	10.80	1.4	0.056
81 05 13 1130		.3	1	39181	3	900A	30000	60A	30A	10.0	13.60	0.2<T	0.021
81 06 16 1055		.3	1	39222	7 5	4700A	41000	2680	1100	23.5	9.80	1.4	0.032
81 07 14 1110		.3	1	39263	7	2400A	29000	800	300	21.0	8.20	1.8	0.050
81 08 06 1110		.3	1	39304	7	2500	25000	720	560	20.5	9.60	0.8	0.022
81 09 10 1100		.3	1	39345	7					15.0	11.20	0.4	0.032
81 10 14 1135		.3	1	39386	7	560A	34000	230	40A	7.8	14.30	0.4	0.031
81 11 19 1050		.3	1	39427	8 6	860	3200	190	170	4.5	11.40	0.4	0.028
81 12 10 1055		.3	1	39468	8 6	120A	760	30A	10<	0.5	13.00	0.2<T	0.018
MAXIMUM						**4700**	**41000**	**2680**	**1100**	**23.5**	**14.30**	**1.8**	**0.085**
ARITH MEAN						**1449**	**18033**	**466**	**321**	**9.9**	**11.6**	**0.7<A**	**0.035**
GEOM MEAN						**704**	**8360**	**143**	**120**	**5.1**	**11.5**	**0.6<A**	**0.030**
MINIMUM						**30**	**760**	**10**	**10**	**0.5**	**8.20**	**0.2**	**0.011**
STD DEV (GEOM *)						**5***	**5***	**6***	**5***	**8.4**	**1.9**	**0.5<A**	**0.020**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 20 1052		.3	1	0.018	0.140	0.530	0.036	4.070		4.246	0.390	4.636	507.0
81 02 25 1114		.3	1	0.059	0.104	0.890	0.051	6.950		7.105	0.786	7.891	329.0
81 03 25 1131		.3	1	0.002	0.010	0.47	0.007	3.790	3.800	3.807	0.460	4.267	
81 04 28 1157		.3	1	0.001	0.036	0.80	0.037	2.510	2.550	2.583	0.764	3.347	
81 05 13 1130		.3	1	0.005	0.014	0.77	0.017	3.580	3.600	3.611	0.756	4.367	
81 06 16 1055		.3	1	0.003	0.002<T	0.82	0.011	2.040	2.050	2.053	0.818	2.871	
81 07 14 1110		.3	1	0.003	0.006	1.05	0.030	0.560	0.590	0.596	1.044	1.640	
81 08 06 1110		.3	1	0.006	0.020	0.72	0.070	0.635	0.705	0.725	0.700	1.425	
81 09 10 1100		.3	1	0.016	0.044	0.96	0.013	3.190	3.200	3.247	0.916	4.163	
81 10 14 1135		.3	1		0.024	0.64	0.044	3.860	3.900	3.928	0.616	4.544	
81 11 19 1050		.3	1	0.001	0.010	0.75	0.001	0.900	0.900	0.911	0.740	1.651	
81 12 10 1055		.3	1	0.002	0.018	0.59	0.011	5.990	6.000	6.019	0.572	6.591	
MAXIMUM				**0.059**	**0.140**	**1.05**	**0.070**	**6.950**	**6.000**	**7.105**	**1.044**	**7.891**	**507.0**
ARITH MEAN				**0.011**	**0.036<A**	**0.74**	**0.027**	**3.173**	**2.729**	**3.236**	**0.713**	**3.949**	**418.0**
GEOM MEAN				**0.006**	**0.020<A**	**0.73**	**0.018**	**2.448**	**2.139**	**2.523**	**0.690**	**3.480**	**408.4**
MINIMUM				**0.001**	**0.002**	**0.47**	**0.001**	**0.560**	**0.590**	**0.596**	**0.390**	**1.425**	**329.0**
STD DEV (GEOM *)				**0.017**	**0.043<A**	**0.17**	**0.021**	**2.004**	**1.723**	**2.027**	**0.183**	**1.958**	**125.9**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CHEM. OX DEMAND MG/L AS O
TEST-NAME:		RSP		RSF	COND25	TURB	CLIDUR	ALKT	PH	PHNOL	FEUT	COD	
81 01 20 1052		.3	1	5.0	502.0	840.0	2.80	79.000		7.68			
81 02 25 1114		.3	1	5.0	324.0	455.0	2.20	19.500		7.90			
81 03 25 1131		.3	1	2	372	600	1.20	24.00	244	8.15	1<T	0.08	49
81 04 28 1157		.3	1	31	392	600	1.20	27.50	248	8.36	1<T	0.69	21
81 05 13 1130		.3	1	3	414	620	1.00	26.50	262	8.44	1<T	0.07	38
81 06 16 1055		.3	1	6	336	490	1.40	19.00	212	8.27	1<T	0.27	12
81 07 14 1110		.3	1	5	314	465	2.00	22.50	211	8.00	1<T	0.27	32
81 08 06 1110		.3	1	2.1	368	540	0.85	24.50	182	8.10	1<T	0.16	26
81 09 10 1100		.3	1	3.8	477	680	0.96	27.50	289	8.13	1<T	0.08	16
81 10 14 1135		.3	1	2.0	423	670	0.42	32.50	293	8.61	1<T	0.06	15
81 11 19 1050		.3	1	2.9	435	680	1.45	29.50	301	8.25	1<T	0.09	8
81 12 10 1055		.3	1	8.6	399	720	1.26	31.50	212	8.44	1<T	0.08	9.60
MAXIMUM				**31**	**502.0**	**840.0**	**2.80**	**79.000**	**301**	**8.61**	**1**	**0.69**	**49**
ARITH MEAN				**6**	**396**	**613**	**1.39**	**30.29**	**245**	**8.19**	**1<A**	**0.18**	**22**
GEOM MEAN				**4**	**392**	**603**	**1.28**	**28.02**	**242**	**8.19**	**1<A**	**0.13**	**19**
MINIMUM				**2**	**314**	**455.0**	**0.42**	**19.00**	**182**	**7.68**	**1**	**0.06**	**8**
STD DEV (GEOM *)				**8**	**58**	**114**	**0.65**	**15.91**	**41**	**0.26**	**0<A**	**0.19**	**13**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		ASUT		CUUT	PBUT	ZNUT	NIUT	
81 03 25 1131		.3	1	0.001<	0.002	0.003<	0.002	0.002 <
81 04 28 1157		.3	1	0.001<	0.001<	0.003<	0.004	0.002 <
81 05 13 1130		.3	1	0.001<	0.003	0.003<	0.001<	0.002 <
81 06 16 1055		.3	1	0.001<	0.003	0.003<	0.002	0.0008
81 07 14 1110		.3	1	0.001	0.005	0.004	0.003	0.0020
81 08 06 1110		.3	1	0.001<	0.003	0.006	0.003	0.0030
81 09 10 1100		.3	1	0.001<	0.006	0.003<	0.024	0.0020
81 10 14 1135		.3	1	0.001<	0.009	0.007	0.001<	0.0060
81 11 19 1050		.3	1	0.001<	0.010	0.003<	0.007	0.0030
81 12 10 1055		.3	1	0.001<	0.006	0.007	0.004	0.002
MAXIMUM				**0.001**	**0.010**	**0.007**	**0.024**	**0.0060**
ARITH MEAN				**0.001**	**0.005**	**0.006**	**0.006**	**0.002**
GEOM MEAN					**0.005**	**0.006**	**0.004**	**0.002**
MINIMUM				**0.001**	**0.002**	**0.004**	**0.002**	**0.0008**
STD DEV (GEOM *)					**0.003**	**0.001**	**0.007**	**0.001**
# SAMPLES (IN STATISTICS)				**1**	**9**	**4**	**8**	**7**

B.O.W./ SITE: **WHITEMANS CREEK**
SAMPLE POINT: **AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-106-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0550100.0 4774750.0 4** REGION: **02** DISTANCE: **119.732**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:		SAMPLE		FWSTRC		TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 22 1256		.3	1	39008	6	80I	1560	8	8	1.0	15.2	0.2<	0.017
81 02 17 1211		.3	1	39049	6 3	127000C	320000	420	3000>	1.0	13.2	4.7	0.202
81 03 26 1250		.3	1	39090	6 8	100<	900A	20<	50<	5.5	12.80	0.2	0.036
81 04 22 1353		.3	1	39131	8 6	230	3000>	10A	10<	9.5	13.2	0.6	0.021
81 05 07 1305		.3	1	39172	8 6	470	3000>	10<	20A	13.0	12.20	0.4	0.022
81 06 23 1325		.3	1	39213	3	8600A	51000	970	870	18.0	9.20	1.6	0.148
81 07 21 1335		.3	1	39254	8 6	1600	25000	250	400	19.8	10.60	0.6	0.026
81 08 19 1345		.3	1	39295	8 6	460	4200	10A	20A	18.5	14.10	0.2<T	0.135
81 09 23 1330		.3	1	39336	8 6	11100A	61000	1700	2000	10.5	10.60	0.2<T	0.265
81 10 27 1245		.3	1	39377	8 6	1900	6600	80A	100A	8.0	10.40		0.038
81 11 05 1220		.3	1	39418	8 6	600A	3000	20A	20A	8.0	12.40		
81 12 15 1300		.3	1	39459	8 6	80A	1160	10A	30A	2.0	13.00	0.2<T	0.013
MAXIMUM						**127000**	**320000**	**1700**	**2000**	**19.8**	**15.2**	**4.7**	**0.265**
ARITH MEAN						**13829**	**47442**	**348**	**385**	**9.6**	**12.2**	**1.0<A**	**0.084**
GEOM MEAN						**1194**	**8970**	**68**	**80**	**6.6**	**12.1**	**0.5<A**	**0.049**
MINIMUM						**80**	**900**	**8**	**8**	**1.0**	**9.20**	**0.2**	**0.013**
STD DEV (GEOM *)						**9***	**7***	**8***	**7***	**6.7**	**1.7**	**1.5<A**	**0.089**
# SAMPLES (IN STATISTICS)						**11**	**10**	**10**	**9**	**12**	**12**	**9**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:		PPO4FR		NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	
81 01 22 1256		.3	1	0.004	0.040	0.340	0.019	3.330		3.389	0.300	3.689	534.0
81 02 17 1211		.3	1	0.093	0.310	1.320	0.031	3.400		3.741	1.010	4.751	423.0
81 03 26 1250		.3	1	0.010	0.016	0.52	0.012	3.190	3.200	3.218	0.504	3.722	
81 04 22 1353		.3	1	0.003	0.036	0.60	0.015	3.080	3.100	3.131	0.564	3.695	
81 05 07 1305		.3	1	0.003	0.050	0.59	0.021	2.780	2.800	2.851	0.540	3.391	
81 06 23 1325		.3	1	0.054	0.006	1.32	0.002	9.500	9.50	9.508	1.314	10.822	
81 07 21 1335		.3	1	0.011	0.044	0.39	0.021	2.280	2.300	2.345	0.346	2.691	
81 08 19 1345		.3	1	0.052	0.050	0.47	0.006	2.240	2.250	2.296	0.420	2.716	
81 09 23 1330		.3	1	0.230	0.012	0.88	0.048	3.440	3.490	3.500	0.868	4.368	
81 10 27 1245		.3	1	0.015	0.026	0.82	0.029	4.970	5.000	5.025	0.794	5.819	
81 11 05 1220		.3	1		0.008	0.63	0.042	4.010	4.050	4.060	0.622	4.682	
81 12 15 1300		.3	1	0.004	0.008	0.41	0.024	4.130	4.150	4.162	0.402	4.564	
MAXIMUM				**0.230**	**0.310**	**1.32**	**0.048**	**9.500**	**9.50**	**9.508**	**1.314**	**10.822**	**534.0**
ARITH MEAN				**0.044**	**0.050**	**0.69**	**0.022**	**3.862**	**3.96**	**3.935**	**0.640**	**4.576**	**478.5**
GEOM MEAN				**0.016**	**0.026**	**0.62**	**0.017**	**3.567**	**3.63**	**3.647**	**0.583**	**4.254**	**475.3**
MINIMUM				**0.003**	**0.006**	**0.340**	**0.002**	**2.240**	**2.250**	**2.296**	**0.300**	**2.691**	**423.0**
STD DEV (GEOM *)				**0.068**	**0.083**	**0.33**	**0.014**	**1.934**	**2.11**	**1.916**	**0.303**	**2.161**	**78.5**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**2**

(CONTD)

B.O.W./ SITE: **WHITEMANS CREEK**
SAMPLE POINT: **AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ERIE**
TERM STREAM: **GRAND RIVER**

STATION ID: **16-0184-106-02**
STORET CODE: **02 003 0150**

LAT: LONG: U T M: **17 0550100.0 4774750.0 4** REGION: **02** DISTANCE: **119.732**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*COD*
81 01 22 1256		.3	1	7.0	527.0	760.0	2.00	33.500		8.24			
81 02 17 1211		.3	1	52.0	371.0	520.0	20.00	33.000		7.78			
81 03 26 1250		.3	1	5	441	680	2.40	29.50	216	8.11	1<T	0.23	10
81 04 22 1353		.3	1	3	425	620	1.60	27.00	215	8.36	1<T	0.15	57
81 05 07 1305		.3	1	4	425	620	2.30	25.00	193	8.33	1<T	0.18	28
81 06 23 1325		.3	1	45	425	630	9.50	28.50	180	7.95	1<T	1.92	29
81 07 21 1335		.3	1			640	2.00	22.50	56	8.20	1<T	0.16	2
81 08 19 1345		.3	1	2.2	485	680	1.30	38.50	217	8.51	1<T	0.11	21
81 09 23 1330		.3	1	14.9	391	630	3.60	32.50	221	8.15	1<T	0.60	16
81 10 27 1245		.3	1	8.0	447	640	3.10	28.00	235	8.14	1<T	0.33	6
81 11 05 1220		.3	1	2.8	503	680	1.07	28.50	245	8.40	1<T	0.17	6
81 12 15 1300		.3	1	4.4	403	720	1.63	30.00	166	8.40	1<T	0.12	21
MAXIMUM				**52.0**	**527.0**	**760.0**	**20.00**	**38.50**	**245**	**8.51**	**1**	**1.92**	**57**
ARITH MEAN				**13**	**440**	**651**	**4.21**	**29.70**	**194**	**8.21**	**1<A**	**0.40**	**20**
GEOM MEAN				**7**	**438**	**649**	**2.73**	**29.43**	**183**	**8.21**	**1<A**	**0.25**	**14**
MINIMUM				**2.2**	**371.0**	**520.0**	**1.07**	**22.50**	**56**	**7.78**	**1**	**0.11**	**2**
STD DEV (GEOM *)				17	47	59	5.46	4.24	54	0.21	0<A	0.55	16
# SAMPLES (IN STATISTICS)				11	11	12	12	12	10	12	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 26 1250		.3	1	0.001<	0.003	0.003<	0.002	0.002 <
81 04 22 1353		.3	1	0.001<	0.001<	0.003<	0.004	0.002 <
81 05 07 1305		.3	1	0.001<	0.001<	0.003<	0.001<	0.002 <
81 06 23 1325		.3	1	0.001<	0.004	0.003<	0.005	0.0020<
81 07 21 1335		.3	1	0.001<	0.003	0.003<	0.001	0.0020<
81 08 19 1345		.3	1	0.001<	0.009	0.003<	0.001<	0.0020
81 09 23 1330		.3	1	0.001<	0.007	0.003<	0.005	0.0020
81 10 27 1245		.3	1	0.001<	0.011	0.006	0.026	0.0020
81 11 05 1220		.3	1	0.001<	0.009	0.004	0.004	0.0040
81 12 15 1300		.3	1	0.001<	0.009	0.004	0.005	0.003
MAXIMUM					**0.011**	**0.006**	**0.026**	**0.0040**
ARITH MEAN					**0.007**	**0.005**	**0.006**	**0.002**
GEOM MEAN					**0.006**	**0.005**	**0.004**	**0.002**
MINIMUM					**0.003**	**0.004**	**0.001**	**0.0020**
STD DEV (GEOM *)					**0.003**	**0.001**	**0.008**	**0.000**
# SAMPLES (IN STATISTICS)					**8**	**3**	**8**	**5**

B.O.W./ SITE: **PICTON CREEK**
SAMPLE POINT: **AT CONSERVATION AREA POUND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **PICTON CREEK**

STATION ID: **17-0008-001-02**
STORET CODE: **02 004 1710**

LAT: LONG: U T M: **18 0329975.0 4874300.0 4** REGION: **04** DISTANCE: **1.287**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 27 0820		.3	1	27800	6	0.0	7.0	0.070	530.0	2.50	252.0	8.00	
81 02 24 0825		.3	1	27808	6 3	3.0	12.0						1.000<
81 03 31 0840		.3	1	27816	6	7.0	8.0	0.210	455.0	0.95	224.0	8.20	
81 04 28 0840		.3	1	27824				0.136	440.0	1.30	229.0	8.40	1.000<
81 05 26 1245		.3	1	27832	6 8	20.0	5.0						
81 06 30 0835		.3	1	27840	6 8	22.0	14.0	0.020	445.0	4.10	256.0	8.00	
81 07 28 0820		.3	1	27848	9 6	22.0	8.0						1.000<
81 08 25 0820		.3	1	27856	8 6	21.0	7.0	0.035	435.0	1.40	216.0	7.70	
81 09 29 0820		.3	1	27864	6 8	11.0	9.0	0.032		1.50	273.0	7.90	1.000<
81 10 27 0820		.3	1	27872	6	9.0	6.0	0.056	540.0	6.00	274.0	7.60	1.000<
81 11 24 0825		.3	1	27880	4 6	0.0	6.0	0.050	580.0	4.50	295.0	7.80	1.000<
MAXIMUM						**22.0**	**14.0**	**0.210**	**580.0**	**6.00**	**295.0**	**8.40**	
ARITH MEAN						**14.4**	**8.2**	**0.078**	**489.3**	**2.78**	**252.4**	**7.95**	
GEOM MEAN						**12.0**	**7.8**	**0.058**	**486.3**	**2.28**	**251.0**	**7.95**	
MINIMUM						**3.0**	**5.0**	**0.020**	**435.0**	**0.95**	**216.0**	**7.60**	
STD DEV (GEOM *)						7.7	2.8	0.065	59.1	1.86	27.8	0.26	
# SAMPLES (IN STATISTICS)						**8**	**10**	**8**	**7**	**8**	**8**	**8**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 27 0820		.3	1	0.300						
81 03 31 0840		.3	1	0.150		0.001<	0.015	0.004	0.001	0.002<
81 04 28 0840		.3	1	0.300		0.001<	0.007	0.003<	0.001<	0.002<
81 05 26 1245		.3	1			0.001<	0.006	0.003<	0.001	0.001
81 06 30 0835		.3	1	0.150		0.001<	0.002	0.003<	0.001	0.002<
81 07 28 0820		.3	1			0.001<	0.004	0.003<	0.002	0.001
81 08 25 0820		.3	1	0.400	134.000	0.001<	0.006	0.007	0.002	0.002
81 09 29 0820		.3	1	0.300		0.001<	0.003	0.003<	0.001<	0.002<
81 10 27 0820		.3	1	0.750		0.001<	0.034	0.003<	0.007	0.001
81 11 24 0825		.3	1	0.850		0.001<	0.002	0.003<	0.002	0.002<
MAXIMUM				**0.850**	**134.000**		**0.034**	**0.007**	**0.007**	**0.002**
ARITH MEAN				**0.400**	**134.000**		**0.009**	**0.005**	**0.002**	**0.001**
GEOM MEAN				**0.334**			**0.006**	**0.005**	**0.002**	**0.001**
MINIMUM				**0.150**	**134.000**		**0.002**	**0.004**	**0.001**	**0.001**
STD DEV (GEOM *)				0.262			0.010	0.002	0.002	0.000
# SAMPLES (IN STATISTICS)				**8**	1		**9**	**2**	**7**	**4**

B.O.W./ SITE: **DEMORESTVILLE CREEK**
SAMPLE POINT: **AT COUNTY ROAD 14**
STATION TYPE: **RIVER FLOW GAUGE FED 02HE003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **DEMORESTVILLE CREEK**

STATION ID: **17-0014-001-02**
STORET CODE: **02 004 1460**

LAT: LONG: U T M: **18 0323000.0 4884100.0 4** REGION: **04** DISTANCE: **4.828**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
81 01 27 1120		.3	1	27807	6	0.101	0.0	3.0	0.030	465.0	1.20	115.0	7.70
81 03 31 1130		.3	1	27823	6	0.177	9.0	6.0	0.018	315.0	0.35	146.0	7.80
81 04 28 1130		.3	1	27831		0.071			0.026	315.0	0.76	174.0	7.90
81 05 26 0930		.3	1	27839	6 8	0.022	19.0	3.0					
81 06 30 1140		.3	1	27847	6 8	0.027	22.5	8.0	0.050	300.0	0.84	150.0	7.80
81 07 28 1100		.3	1	27855	6 8	0.047	22.0	6.0					
81 08 24 1210		.3	1	27815	6 3	0.021	3.0	11.0					
81 08 25 1110		.3	1	27863	6 8	0.019	22.0	5.0	0.010	320.0	0.65	159.0	7.80
81 09 29 1115		.3	1	27871	6 8	0.047	9.0	6.0	0.044		0.75	143.0	7.80
81 10 27 1120		.3	1	27879	6	0.245	8.0	5.0	0.038	320.0	1.20	161.0	7.20
81 11 24 1120		.3	1	27887	6	0.090	0.0	5.0	0.016	400.0	0.45	188.0	7.50
81 12 22 1150		.3	1	27895	4 6	0.051	0.0	2.0					
MAXIMUM						**0.245**	**22.5**	**11.0**	**0.050**	**465.0**	**1.20**	**188.0**	**7.90**
ARITH MEAN						**0.076**	**14.3**	**5.5**	**0.029**	**347.9**	**0.77**	**154.5**	**7.69**
GEOM MEAN						**0.055**	**11.9**	**4.9**	**0.026**	**343.7**	**0.72**	**153.1**	**7.68**
MINIMUM						**0.019**	**3.0**	**2.0**	**0.010**	**300.0**	**0.35**	**115.0**	**7.20**
STD DEV (GEOM *)						**0.070**	**7.9**	**2.5**	**0.014**	**61.2**	**0.31**	**21.9**	**0.23**
# SAMPLES (IN STATISTICS)						**12**	**8**	**11**	**8**	**7**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 27 1120		.3	1		0.400						
81 03 31 1130		.3	1		0.100		0.001<	0.006	0.003<	0.004	0.002<
81 04 28 1130		.3	1	1.000<	0.200		0.001<	0.003	0.003<	0.002	0.002<
81 05 26 0930		.3	1				0.001<	0.034	0.003<	0.002	0.001
81 06 30 1140		.3	1		0.200		0.001<	0.001<	0.003<	0.001	0.002<
81 07 28 1100		.3	1	1.000<			0.001<	0.003	0.004	0.001	0.001<
81 08 24 1210		.3	1	1.000<							
81 08 25 1110		.3	1		0.600	121.000	0.001<	0.003	0.003<	0.002	0.001
81 09 29 1115		.3	1	1.000<	0.400		0.001<	0.001	0.003<	0.001<	0.002<
81 10 27 1120		.3	1	1.000<	1.300		0.001<	0.003	0.003<	0.001<	0.001<
81 11 24 1120		.3	1	1.000<	0.350		0.001<	0.001	0.003	0.001<	0.002<
81 12 22 1150		.3	1				0.001<	0.004	0.003<	0.003	0.002
MAXIMUM					**1.300**	**121.000**		**0.034**	**0.004**	**0.004**	**0.002**
ARITH MEAN					**0.444**	**121.000**		**0.006**	**0.003**	**0.002**	**0.001**
GEOM MEAN					**0.339**			**0.003**	**0.003**	**0.002**	**0.001**
MINIMUM					**0.100**	**121.000**		**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.379**			**0.010**	**0.001**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)					**8**	**1**		**9**	**2**	**7**	**3**

B.O.W./ SITE: **SAWGUIN CREEK**
SAMPLE POINT: **AT COUNTY ROAD 28**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SAWGUIN CREEK**

STATION ID: **17-0016-001-02**
STORET CODE: **02 004 1400**

LAT: LONG: U T M: **18 0308250.0 4885900.0 4** REGION: **04** DISTANCE: **8.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
81 01 27 1055		.3	1	27806	6	1.0	4.0	0.230	720.0	2.20	260.0	7.30	
81 02 24 1145		.3	1	27814	6 3	2.0	7.0						1.000<
81 03 31 1110		.3	1	27822	6	8.0	8.0	0.064	385.0	1.20	179.0	7.90	
81 04 28 1110		.3	1	27830				0.066	430.0	1.10	265.0	7.80	1.000<
81 05 26 0855		.3	1	27838	6	18.0	7.0						
81 06 30 1115		.3	1	27846	6 8	22.0	5.0	0.138	410.0	1.70	223.0	7.90	
81 07 28 1040		.3	1	27854	6 8	22.0	6.0						1.000<
81 08 25 1045		.3	1	27862	6 8	22.0	6.0	0.110	400.0	2.00	222.0	7.70	
81 09 29 1050		.3	1	27870	6 7	10.0	4.0	0.520		5.00	235.0	7.90	1.000<
81 10 27 1100		.3	1	27878	6 8	8.0	5.0	0.760	480.0	13.00	236.0	7.20	1.000<
81 11 24 1100		.3	1	27886	4 6	0.0	3.0	0.196	530.0	5.00	249.0	7.50	1.000<
81 12 22 1130		.3	1	27894	6 4	0.0	2.0						
MAXIMUM						**22.0**	**8.0**	**0.760**	**720.0**	**13.00**	**265.0**	**7.90**	
ARITH MEAN						**12.6**	**5.2**	**0.260**	**479.3**	**3.90**	**233.6**	**7.65**	
GEOM MEAN						**8.6**	**4.8**	**0.181**	**468.8**	**2.74**	**232.1**	**7.65**	
MINIMUM						**1.0**	**2.0**	**0.064**	**385.0**	**1.10**	**179.0**	**7.20**	
STD DEV (GEOM *)						**8.6**	**1.8**	**0.250**	**117.6**	**3.99**	**27.1**	**0.28**	
# SAMPLES (IN STATISTICS)						**9**	**11**	**8**	**7**	**8**	**8**	**8**	

(CONTD)

B.O.W./ SITE: **SAWGUIN CREEK**
SAMPLE POINT: **AT COUNTY ROAD 28**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SAWGUIN CREEK**

STATION ID: **17-0016-001-02**
STORET CODE: **02 004 1400**

LAT: LONG: U T M: **18 0308250.0 4885900.0 4** REGION: **04** DISTANCE: **8.851**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			FEUT	COLAP	ASUT	CUUT	PBUT	ZNUT	NIUT
81 01 27 1055		.3	1	1.200						
81 03 31 1110		.3	1	0.300		0.001<	0.004	0.003<	0.017	0.002<
81 04 28 1110		.3	1	0.200		0.001<	0.001<	0.003<	0.001<	0.002<
81 05 26 0855		.3	1			0.001	0.024	0.003<	0.005	0.001
81 06 30 1115		.3	1	0.250		0.001<	0.001	0.003<	0.002	0.002<
81 07 28 1040		.3	1			0.001<	0.004	0.004	0.002	0.001<
81 08 25 1045		.3	1	0.850	115.000	0.001<	0.004	0.003<	0.001	0.001<
81 09 29 1050		.3	1	0.450		0.001<	0.001	0.003<	0.001<	0.002<
81 10 27 1100		.3	1	2.600		0.001<	0.005	0.003<	0.006	0.001<
81 11 24 1100		.3	1	1.300		0.001<	0.001	0.003	0.001<	0.002<
81 12 22 1130		.3	1			0.001<	0.004	0.003<	0.002	0.001
	MAXIMUM			**2.600**	**115.000**	**0.001**	**0.024**	**0.004**	**0.017**	**0.001**
	ARITH MEAN			**0.894**	**115.000**	**0.001**	**0.005**	**0.003**	**0.005**	**0.001**
	GEOM MEAN			**0.625**			**0.003**	**0.003**	**0.003**	**0.001**
	MINIMUM			**0.200**	**115.000**	**0.001**	**0.001**	**0.003**	**0.001**	**0.001**
	STD DEV (GEOM *)			**0.812**			**0.007**	**0.001**	**0.006**	**0.000**
	# SAMPLES (IN STATISTICS)			8	1	1	9	2	7	2

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT DAM, TOWN OF CAMPBELLFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-002-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0276550.0 4909075.0 4** REGION: **03** DISTANCE: **50.854**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5
81 02 18 0915		.3	1	31073	4	180.000	12100C	59000	208	600>	2.0	11.0	1.6
81 03 25 0930		.3	1	31039	6	85.100	20A	70A	10<	10A	3.0	12.0	1.0
81 04 28 1200		.3	1	31115	0 6 8	99.000	70A	0	10<	10A	9.5	11.30	1.0
81 05 26 1330		.3	1	31177	6 8	113.000	10<	6000	10<	10A	19.2	12.20	0.6
81 06 18 1200		.3	1	31261	6 8	97.500	4700	240000>	20A	30A	22.0	10.10	0.6
81 08 20 1200		.3	1	31372	8	38.800	800A	27000	20A	20<	20.4	10.20	1.8
81 09 15 1150		.3	1	31421	8	117.000	30A	4200	10<	50A	19.0	13.50	2.2
81 10 27 1240		.3	1	31482	8	132.000	210	700	10A	980	9.4	13.20	1.2
81 11 24 1222		.3	1	31544	8	148.000	70A	170	10A	10<	3.5	14.20	0.6
81 12 16 1200		.3	1	31634	8	74.800	20A	170	4	4<	1.0	10.80	0.2<T
	MAXIMUM					**180.000**	**12100**	**59000**	**208**	**980**	**22.0**	**14.20**	**2.2**
	ARITH MEAN					**108.520**	**2002**	**12164**	**45**	**182**	**10.9**	**11.8**	**1.1<A**
	GEOM MEAN					**101.034**	**202**	**1657**	**18**	**34**	**7.1**	**11.7**	**0.9<A**
	MINIMUM					**38.800**	**20**	**70**	**4**	**10**	**1.0**	**10.10**	**0.2**
	STD DEV (GEOM *)					**39.539**	**11***	**12***	**4***	**6***	**8.5**	**1.4**	**0.6<A**
	# SAMPLES (IN STATISTICS)					**10**	**9**	**8**	**6**	**6**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI
81 02 18 0915		.3	1	0.078	0.024	0.186	0.780	0.019	0.511		0.716	0.594	1.310
81 03 25 0930		.3	1	0.016		0.038	0.36					0.322	
81 04 28 1200		.3	1	0.026	0.006	0.050	0.45	0.006	0.065	0.070	0.121	0.400	0.521
81 05 26 1330		.3	1	0.028	0.010	0.056	0.40	0.012	0.020	0.030	0.088	0.344	0.432
81 06 18 1200		.3	1	0.034	0.021	0.010	0.52	0.031	0.145	0.175	0.186	0.510	0.696
81 08 20 1200		.3	1	0.225	0.165	0.046	1.08	0.180	0.095	0.275	0.321	1.034	1.355
81 09 15 1150		.3	1	0.055		0.204	0.95					0.746	
81 10 27 1240		.3	1	0.055		0.060	0.68					0.620	
81 11 24 1222		.3	1	0.068		0.044	0.48					0.436	
81 12 16 1200		.3	1	0.028		0.022	0.38					0.358	
	MAXIMUM			**0.225**	**0.165**	**0.204**	**1.08**	**0.180**	**0.511**	**0.275**	**0.716**	**1.034**	**1.355**
	ARITH MEAN			**0.061**	**0.045**	**0.072**	**0.60**	**0.050**	**0.167**	**0.137**	**0.286**	**0.536**	**0.863**
	GEOM MEAN			**0.046**	**0.022**	**0.050**	**0.56**	**0.024**	**0.098**	**0.100**	**0.215**	**0.501**	**0.774**
	MINIMUM			**0.016**	**0.006**	**0.010**	**0.36**	**0.006**	**0.020**	**0.030**	**0.088**	**0.322**	**0.432**
	STD DEV (GEOM *)			**0.061**	**0.067**	**0.067**	**0.25**	**0.073**	**0.197**	**0.110**	**0.256**	**0.223**	**0.439**
	# SAMPLES (IN STATISTICS)			10	5	10	10	5	5	4	5	10	5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			RST	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 02 18 0915		.3	1	182.0	163.000	250.0	2.50	7.000		7.43	7.5		
81 03 25 0930		.3	1			230	0.86	6.00	91	7.81		1<T	0.09
81 04 28 1200		.3	1	140	136	210	3.50	5.30	83	8.15	7.80		
81 05 26 1330		.3	1	139	136	210	1.30		83	8.11	8.30		
81 06 18 1200		.3	1	135	130	200	1.30		82	8.13	8.35		
81 08 20 1200		.3	1	149	143	220	5.90	6.80	94	8.00	8.35		
81 09 15 1150		.3	1			230	2.70	6.55	98	7.88	8.40	1<T	0.16
81 10 27 1240		.3	1			225	3.30	6.00	92	8.05	8.50		0.14
81 11 24 1222		.3	1			225	1.66	6.00	98	8.18	8.40	2<T	0.07
81 12 16 1200		.3	1			240	1.02	6.05	99	8.33	7.75	1<T	0.05
	MAXIMUM			**182.0**	**163.000**	**250.0**	**5.90**	**7.000**	**99**	**8.33**	**8.50**	**2**	**0.16**
	ARITH MEAN			**149**	**141**	**224**	**2.40**	**6.21**	**91**	**8.01**	**8.1**	**1<A**	**0.10**
	GEOM MEAN			**148**	**141**	**223**	**2.02**	**6.19**	**91**	**8.00**	**8.1**	**1<A**	**0.09**
	MINIMUM			**135**	**130**	**200**	**0.86**	**5.30**	**82**	**7.43**	**7.5**	**1**	**0.05**
	STD DEV (GEOM *)			**19**	**12**	**14**	**1.55**	**0.54**	**7**	**0.25**	**0.3**	**0<A**	**0.05**
	# SAMPLES (IN STATISTICS)			5	5	10	10	8	9	10	9	4	5

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 25 0930	.3	1	1	0.001<	0.001<	0.003<	0.002	0.002 <
81 09 15 1150	.3	1	1	0.001<	0.004	0.003<	0.004	0.0010<
81 10 27 1240	.3	1	1	0.001<	0.003	0.003<	0.003	0.0020<
81 11 24 1222	.3	1	1	0.001<	0.002	0.004	0.002	0.0020
81 12 16 1200	.3	1	1	0.001<	0.002	0.003<	0.001<	0.002 <
MAXIMUM					**0.004**	**0.004**	**0.004**	**0.0020**
ARITH MEAN					**0.003**	**0.004**	**0.003**	**0.0020**
GEOM MEAN					**0.003**		**0.003**	
MINIMUM					**0.002**	**0.004**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.001**		**0.001**	
# SAMPLES (IN STATISTICS)					4	1	4	1

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **HIGHWAY 7, MARMORA**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-003-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0286450.0 4928650.0 4** REGION: **04** DISTANCE: **75.796**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 06 09 0917	.3	1	1	29000	6	20.400	19.0	8.5	0.012		0.030		
81 07 07 0917	.3	1	1	29010	6	18.900	25.0	8.0					
81 08 10 0937	.3	1	1	29020	6	3.250	23.0	8.0	0.022	0.002	0.030	0.470	0.002
MAXIMUM						**20.400**	**25.0**	**8.5**	**0.022**	**0.002**	**0.030**	**0.470**	**0.002**
ARITH MEAN						**14.183**	**22.3**	**8.2**	**0.017**	**0.002**	**0.030**	**0.470**	**0.002**
GEOM MEAN						**10.781**	**22.2**	**8.2**	**0.016**		**0.030**		
MINIMUM						**3.250**	**19.0**	**8.0**	**0.012**	**0.002**	**0.030**	**0.470**	**0.002**
STD DEV (GEOM *)						**9.498**	**3.1**	**0.3**	**0.007**		**0.000**		
# SAMPLES (IN STATISTICS)						3	3	3	2	1	2	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 06 09 0917	.3	1						2.00	165.0	0.63	72.0	7.70	1.000
81 08 10 0937	.3	1	1	0.020<	0.052	0.440	0.492		175.0	1.00			
MAXIMUM								**2.00**	**175.0**	**1.00**	**72.0**	**7.70**	**1.000**
ARITH MEAN								**2.00**	**170.0**	**0.81**	**72.0**	**7.70**	**1.000**
GEOM MEAN									**169.9**	**0.79**			
MINIMUM								**2.00**	**165.0**	**0.63**	**72.0**	**7.70**	**1.000**
STD DEV (GEOM *)									7.1	**0.26**			
# SAMPLES (IN STATISTICS)								1	2	2	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	*	PJ	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 06 09 0917	.3	1		1	0.100									
81 07 07 0917	.3	1		1		0.001<	0.002<	0.002	0.020	0.0009	0.002			
81 08 10 0937	.3	1		1	0.237	0.001<		0.012	0.003<	0.001 <	0.006	0.026	0.001	0.001
MAXIMUM					**0.237**			**0.012**	**0.020**	**0.0009**	**0.006**	**0.026**	**0.001**	**0.001**
ARITH MEAN					**0.168**			**0.007**	**0.020**	**0.0009**	**0.004**	**0.026**	**0.001**	**0.001**
GEOM MEAN					**0.154**			**0.005**			**0.003**			
MINIMUM					**0.100**			**0.002**	**0.020**	**0.0009**	**0.002**	**0.026**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.097**			**0.007**			**0.003**			
# SAMPLES (IN STATISTICS)					2			2	1	1	2	1	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 07 07 0917	.3	1	1	0.010<
MAXIMUM				
ARITH MEAN				
GEOM MEAN				
MINIMUM				
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT HIGH-LO COTTAGES DOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-004-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0264400.0 4910450.0 4** REGION: **03** DISTANCE: **80.787**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 18 1335		.3	1	31084	6	260	2500	40	68	2.2	11.4	0.6	0.022
81 03 25 1430		.3	1	31051	6	40A	610	4<	12	4.0	14.00	0.4	0.017
81 04 29 1020		.3	1	31127	6 8	10A	60A	4<	4<	10.0	11.90	1.6	0.031
81 05 27 0900		.3	1	31179	6 8	190	2400	16	40	19.0	10.00	0.8	0.029
81 06 17 1140		.3	1	31243	6 8	2000A	116000	180	40	22.2	7.90	0.8	0.092
81 07 29 1434		.3	1	31313	6 8	360A	12200	80	76	20.2	9.40	2.4	0.048
81 08 20 1030		.3	1	31384	8	2900	14000	280	20A	21.0	12.00	2.4	0.222
81 09 16 1115		.3	1	31433	8	100A	9800	10<	10A	18.0	14.20	5.2	0.212
81 10 28 0830		.3	1	31494	8	340	920	30A	270	9.0	12.90	1.0	0.038
81 11 25 1018		.3	1	31556	8	60A	260	10A	10<	2.0	13.00	0.4	0.016
81 12 09 0948		.3	1	31600	8	20A	70A	10<	10<	0.0	14.10	0.6	0.026
MAXIMUM						**2900**	**116000**	**280**	**270**	**22.2**	**14.20**	**5.2**	**0.222**
ARITH MEAN						**571**	**14438**	**91**	**67**	**12.8**	**11.8**	**1.5**	**0.068**
GEOM MEAN						**159**	**1817**	**50**	**39**	**9.3**	**11.7**	**1.1**	**0.044**
MINIMUM						**10**	**60**	**10**	**10**	**2.0**	**7.90**	**0.4**	**0.016**
STD DEV (GEOM *)						**6***	**11***	**3***	**3***	**8.2**	**2.0**	**1.4**	**0.076**
# SAMPLES (IN STATISTICS)						**11**	**11**	**7**	**8**	**10**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 02 18 1335		.3	1	0.006	0.142	0.560	0.007	0.268		0.417	0.418	0.835	155.00
81 03 25 1430		.3	1	0.001<W	0.026	0.48	0.006	0.365	0.370	0.397	0.454	0.851	161
81 04 29 1020		.3	1	0.001<W	0.028	0.50	0.004	0.075	0.080	0.107	0.472	0.579	143
81 05 27 0900		.3	1	0.009	0.044	0.52	0.023	0.030	0.055	0.097	0.476	0.573	141
81 06 17 1140		.3	1	0.026	0.002	0.60	0.002	0.135	0.135	0.139	0.598	0.737	138
81 07 29 1434		.3	1	0.010	0.248	0.82	0.025	0.005	0.025	0.278	0.572	0.850	149
81 08 20 1030		.3	1	0.155	0.380	1.15	0.039	0.005<T	0.040	0.424	0.770	1.194	147
81 09 16 1115		.3	1	0.170	0.282	1.08	0.043	0.005	0.050	0.330	0.798	1.128	
81 10 28 0830		.3	1	0.009	0.080	0.68	0.001<T	0.015	0.015	0.096	0.600	0.696	150
81 11 25 1018		.3	1	0.003	0.052	0.43	0.002	0.035	0.035	0.089	0.378	0.467	145
81 12 09 0948		.3	1	0.008	0.036	0.42	0.001	0.100	0.100	0.137	0.384	0.521	157
MAXIMUM				**0.170**	**0.380**	**1.15**	**0.043**	**0.365**	**0.370**	**0.424**	**0.798**	**1.194**	**161**
ARITH MEAN				**0.036<A**	**0.120**	**0.65**	**0.014<A**	**0.094<A**	**0.090**	**0.228**	**0.538**	**0.766**	**148**
GEOM MEAN				**0.010<A**	**0.060**	**0.62**	**0.006<A**	**0.037<A**	**0.060**	**0.189**	**0.522**	**0.735**	**148**
MINIMUM				**0.001**	**0.002**	**0.42**	**0.001**	**0.005**	**0.015**	**0.089**	**0.378**	**0.467**	**138**
STD DEV (GEOM *)				**0.063<A**	**0.127**	**0.25**	**0.016<A**	**0.120<A**	**0.105**	**0.142**	**0.146**	**0.237**	**7**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 02 18 1335		.3	1	153.000	235.0	1.10	7.400		7.63	7.6			
81 03 25 1430		.3	1	159	245	0.87	6.90	98	8.01	8.60	0.002	0.005	0.008
81 04 29 1020		.3	1	137	210	1.50	6.05	84	8.24	7.30			
81 05 27 0900		.3	1	136	210	1.60	6.55	81	8.31	8.00			
81 06 17 1140		.3	1	133	205	2.00		83	8.13	8.20			
81 07 29 1434		.3	1	143	230	1.90		97	7.90	8.50			
81 08 20 1030		.3	1	137	210	4.50		92	8.24	8.60			
81 09 16 1115		.3	1	150	230	1.20		98	7.97	8.65			
81 10 28 0830		.3	1	143	220	2.60	6.10	97	8.17	7.60	0.002	0.003<	0.002
81 11 25 1018		.3	1	143	220	1.19	6.20	96	8.09	7.85	0.004	0.003<	0.003
81 12 09 0948		.3	1	156	240	1.55	7.35	100	8.29	8.20	0.001	0.003<	0.003
MAXIMUM				**159**	**245**	**4.50**	**7.400**	**100**	**8.31**	**8.65**	**0.004**	**0.005**	**0.008**
ARITH MEAN				**144**	**223**	**1.82**	**6.65**	**93**	**8.09**	**8.1**	**0.002**	**0.005**	**0.004**
GEOM MEAN				**144**	**222**	**1.64**	**6.62**	**92**	**8.09**	**8.0**	**0.002**		**0.003**
MINIMUM				**133**	**205**	**0.87**	**6.05**	**81**	**7.63**	**7.30**	**0.001**	**0.005**	**0.002**
STD DEV (GEOM *)				**8**	**13**	**1.01**	**0.57**	**7**	**0.20**	**0.4**	**0.001**		**0.003**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**7**	**10**	**11**	**11**	**4**	**1**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT DENTS COTTAGES DOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-005-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0264350.0 4910200.0 4** REGION: **03** DISTANCE: **80.948**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 18 1408	.3		1	31086	6	690C	5500	176	268	3.0	11.8	0.8	0.037
81 03 25 1500	.3		1	31053	6	10<	30A	4<	4<	4.2	13.20	1.0	0.022
81 04 29 2130	.3		1	31125	6 8	10A	70A	4<	8	10.8	13.20	1.4	0.020
81 05 27 0945	.3		1	31181	6 8	100A	5100	4	16	18.8	10.80	0.8	0.032
81 06 17 1200	.3		1	31245	6 8	400A	240000>	60	68	22.5	8.20	0.6	0.045
81 07 29 1510	.3		1	31311	6 8	560A	16400	72	32	20.5	8.50	2.4	0.059
81 08 20 1054	.3		1	31386	8	4000	3800	40A	20<	21.0	11.50	5.4	0.060
81 09 16 0930	.3		1	31435	8	40A	2150	20A	10<	17.8	13.90	4.6	0.190
81 10 28 0917	.3		1	31496	8	120A	780	10<	10<	7.0	13.20	1.2	
81 11 25 0930	.3		1	31558	8	30A	100	10<	50A	4.0	11.90	0.8	0.016
81 12 09 1020	.3		1	31602	8	10A	70A	10<	10<	0.5	14.00	0.8	0.032
MAXIMUM						**4000**	**16400**	**176**	**268**	**22.5**	**14.00**	**5.4**	**0.190**
ARITH MEAN						**596**	**3400**	**62**	**74**	**11.8**	**11.8**	**1.8**	**0.051**
GEOM MEAN						**124**	**730**	**37**	**39**	**7.8**	**11.6**	**1.3**	**0.039**
MINIMUM						**10**	**30**	**4**	**8**	**0.5**	**8.20**	**0.6**	**0.016**
STD DEV (GEOM *)						**7***	**10***	**4***	**3***	**8.4**	**2.0**	**1.7**	**0.051**
# SAMPLES (IN STATISTICS)						**10**	**10**	**6**	**6**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 02 18 1408	.3		1	0.009	0.154	0.630	0.009	0.256		0.419	0.476	0.895	171.00
81 03 25 1500	.3		1	0.001<W	0.096	0.86	0.006	0.375	0.380	0.477	0.764	1.241	165
81 04 29 2130	.3		1	0.001<W	0.046	0.46	0.004	0.085	0.090	0.135	0.414	0.549	145
81 05 27 0945	.3		1	0.012	0.038	0.50	0.035	0.015	0.050	0.088	0.462	0.550	135
81 06 17 1200	.3		1	0.018	0.002<T	0.62	0.073	0.090	0.165	0.165	0.618	0.783	138
81 07 29 1510	.3		1	0.016	0.250	0.90	0.065	0.005	0.065	0.320	0.650	0.970	155
81 08 20 1054	.3		1	0.020	0.430	1.22	0.011	0.010	0.020	0.451	0.790	1.241	144
81 09 16 0930	.3		1	0.099	0.240	1.15	0.082	0.005<T	0.085	0.327	0.910	1.237	
81 10 28 0917	.3		1	0.195	0.086	0.65	0.001<T	0.020	0.020	0.107	0.564	0.671	149
81 11 25 0930	.3		1	0.003	0.050	0.44	0.002	0.025	0.025	0.077	0.390	0.467	145
81 12 09 1020	.3		1	0.125	0.054	0.45	0.002	0.095	0.095	0.151	0.396	0.547	155
MAXIMUM				**0.195**	**0.430**	**1.22**	**0.082**	**0.375**	**0.380**	**0.477**	**0.910**	**1.241**	**171.00**
ARITH MEAN				**0.045<A**	**0.131<A**	**0.71**	**0.026<A**	**0.089<A**	**0.099**	**0.247**	**0.585**	**0.832**	**150**
GEOM MEAN				**0.014<A**	**0.073<A**	**0.67**	**0.010<A**	**0.036<A**	**0.066**	**0.202**	**0.562**	**0.782**	**149**
MINIMUM				**0.001**	**0.002**	**0.44**	**0.001**	**0.005**	**0.020**	**0.077**	**0.390**	**0.467**	**135**
STD DEV (GEOM *)				**0.065<A**	**0.128<A**	**0.27**	**0.032<A**	**0.120<A**	**0.108**	**0.154**	**0.178**	**0.304**	**11**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 02 18 1408	.3		1	163.00	250.0		8.200		7.62	7.4			
81 03 25 1500	.3		1	163	250	0.91	6.90	100	7.84	8.50	0.002	0.004	0.005
81 04 29 2130	.3		1	140	215	1.50	6.05	84	8.23	7.10			
81 05 27 0945	.3		1	130	200	1.70	6.50	81	8.47	8.00			
81 06 17 1200	.3		1	133	205	1.80		84	8.03	8.30			
81 07 29 1510	.3		1	150	230	5.10		98	7.95	8.30			
81 08 20 1054	.3		1	137	210	1.13		95	7.89	8.55			
81 09 16 0930	.3		1	150	230	2.30		96	8.06	8.40			
81 10 28 0917	.3		1	143	220	2.80		96	8.28	8.15	0.008	0.003<	0.001
81 11 25 0930	.3		1	143	220	1.43	6.20	95	8.15	7.80	0.005	0.004	0.004
81 12 09 1020	.3		1	153	235	1.62	7.25	98	8.18	8.20	0.001<	0.003<	0.005
MAXIMUM				**163.00**	**250.0**	**5.10**	**8.200**	**100**	**8.47**	**8.55**	**0.008**	**0.004**	**0.005**
ARITH MEAN				**145**	**224**	**2.03**	**6.85**	**93**	**8.06**	**8.0**	**0.005**	**0.004**	**0.004**
GEOM MEAN				**145**	**223**	**1.80**	**6.81**	**92**	**8.06**	**8.0**	**0.004**	**0.004**	**0.003**
MINIMUM				**130**	**200**	**0.91**	**6.05**	**81**	**7.62**	**7.10**	**0.002**	**0.004**	**0.001**
STD DEV (GEOM *)				**11**	**16**	**1.21**	**0.79**	**7**	**0.23**	**0.4**	**0.003**	**0.000**	**0.002**
# SAMPLES (IN STATISTICS)				**11**	**11**	**10**	**6**	**10**	**11**	**11**	**3**	**2**	**4**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **INDIAN RIVER**
SAMPLE POINT: **FIRST ROAD SOUTH OF KEENE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-006-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0726850.0 4902425.0 4** REGION: **03** DISTANCE: **102.834**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1400		.3	1	31033	4	240	1200	8	4	0.0	12.8	1.2	0.013
81 03 25 1325		.3	1	31054	6	10<	50A	4<	16	6.0	12.70	0.6	0.146
81 04 29 1140		.3	1	31130	6 8 0	890	3000>	12	4	12.8	8.70	1.2	0.020
81 05 27 1520		.3	1	31192	6 8 9	370A	10000	60	48	20.9	9.80	0.6	0.033
81 06 17 1100		.3	1	31242	5 9	4100A	66000	2000	1800	22.8	8.50	0.6	0.070
81 07 29 1520		.3	1	31314	5 8 9	420A	30000	180A	140A	19.0	9.10	0.8	0.025
81 08 20 1000		.3	1	31387	5 7 9	260A	3000>	16	16	20.5	8.30	1.0	0.048
81 09 16 1215		.3	1	31436	5 7 9	140A	4700	10A	100	17.5	12.40	1.2	0.143
81 10 28 1430		.3	1	31497	8	3700	21000	2000	6600	9.2	12.60	0.6	0.052
81 11 25 1130		.3	1	31559	4	100	2800	10A	10A	0.5	14.20	0.8	0.012
81 12 09 1110		.3	1	31603	8	60A	17000	10<	10<	0.0	13.40	0.4	0.012
MAXIMUM						**4100**	**66000**	**2000**	**6600**	**22.8**	**14.20**	**1.2**	**0.146**
ARITH MEAN						**1028**	**16972**	**477**	**874**	**14.4**	**11.1**	**0.8**	**0.052**
GEOM MEAN						**402**	**5619**	**57**	**56**	**10.2**	**10.9**	**0.8**	**0.036**
MINIMUM						**60**	**50**	**8**	**4**	**0.5**	**8.30**	**0.4**	**0.012**
STD DEV (GEOM *)						4*	9*	10*	12*	7.7	2.2	0.3	**0.049**
# SAMPLES (IN STATISTICS)						10	9	9	10	9	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1400		.3	1	0.005	0.120	0.570	0.007	0.363		0.490	0.450	0.940	267.0
81 03 25 1325		.3	1	0.005	0.006	0.35	0.002	0.170	0.170	0.178	0.344	0.522	251
81 04 29 1140		.3	1	0.007	0.056	0.54	0.005	0.030	0.035	0.091	0.484	0.575	256
81 05 27 1520		.3	1	0.004	0.044	0.49	0.012	0.010	0.020	0.066	0.446	0.512	201
81 06 17 1100		.3	1	0.044	0.004	0.95	0.003	0.295	0.300	0.302	0.946	1.248	189
81 07 29 1520		.3	1	0.009	0.040	0.41	0.023	0.027	0.050	0.090	0.370	0.460	159
81 08 20 1000		.3	1	0.027	0.050	0.55	0.014	0.015	0.030	0.079	0.500	0.579	197
81 09 16 1215		.3	1	0.125	0.022	0.51	0.015	0.015	0.030	0.052	0.488	0.540	
81 10 28 1430		.3	1	0.024	0.034	0.62	0.008	0.175	0.185	0.217	0.586	0.803	264
81 11 25 1130		.3	1	0.006	0.036	0.53	0.005	0.105	0.110	0.146	0.494	0.640	276
81 12 09 1110		.3	1	0.003	0.026	0.47	0.008	0.165	0.175	0.199	0.444	0.643	252
MAXIMUM				**0.125**	**0.120**	**0.95**	**0.023**	**0.363**	**0.300**	**0.490**	**0.946**	**1.248**	**276**
ARITH MEAN				**0.024**	**0.040**	**0.54**	**0.009**	**0.125**	**0.110**	**0.174**	**0.505**	**0.678**	**231**
GEOM MEAN				**0.011**	**0.028**	**0.52**	**0.007**	**0.066**	**0.075**	**0.139**	**0.487**	**0.649**	**227**
MINIMUM				**0.003**	**0.004**	**0.35**	**0.002**	**0.010**	**0.020**	**0.052**	**0.344**	**0.460**	**159**
STD DEV (GEOM *)				**0.036**	**0.031**	**0.15**	**0.006**	**0.122**	**0.094**	**0.130**	**0.160**	**0.235**	**40**
# SAMPLES (IN STATISTICS)				11	11	11	11	11	10	11	11	11	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 14 1400		.3	1	4.0		405.0	1.30	10.500		7.58	8.0		
81 03 25 1325		.3	1	1		385	0.73	8.50	171	8.10	8.50	1<T	0.04
81 04 29 1140		.3	1		254	390	1.80	6.85	179	8.14	7.20		
81 05 27 1520		.3	1		195	300	1.90	5.75	131	8.27	7.80		
81 06 17 1100		.3	1		182	280	3.00		125	8.13	8.05		
81 07 29 1520		.3	1		156	260	0.83		106	8.08	7.85		
81 08 20 1000		.3	1		195	300	1.20		143	8.10	7.75		
81 09 16 1215		.3	1			325	0.75	7.35	152	8.30	7.85	1<T	0.09
81 10 28 1430		.3	1	4.0		400	2.20	12.00	183	8.13	8.05	1<T	0.13
81 11 25 1130		.3	1	0.5		420	0.84	11.50	205	8.45	8.30	1<T	0.09
81 12 09 1110		.3	1	0.3		420	0.94	11.50	203	8.51	8.15	1<T	0.04
MAXIMUM				**4.0**	**254**	**420**	**3.00**	**12.00**	**205**	**8.51**	**8.50**	**1**	**0.13**
ARITH MEAN				**2**	**196**	**353**	**1.41**	**9.24**	**160**	**8.16**	**7.9**	**1<A**	**0.08**
GEOM MEAN				**1**	**194**	**348**	**1.26**	**8.94**	**156**	**8.16**	**7.9**	**1<A**	**0.07**
MINIMUM				**0.3**	**156**	**260**	**0.73**	**5.75**	**106**	**7.58**	**7.20**	**1**	**0.04**
STD DEV (GEOM *)				**1**	**36**	**60**	**0.73**	**2.43**	**34**	**0.24**	**0.3**	**0<A**	**0.04**
# SAMPLES (IN STATISTICS)				**5**	**5**	**11**	**11**	**8**	**10**	**11**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 03 25 1325		.3	1	0.001	0.006	0.003
81 09 16 1215		.3	1	0.014	0.003	0.007
81 10 28 1430		.3	1	0.008	0.003<	0.005
81 11 25 1130		.3	1	0.009	0.004	0.008
81 12 09 1110		.3	1	0.002	0.004	0.006
MAXIMUM				**0.014**	**0.006**	**0.008**
ARITH MEAN				**0.007**	**0.004**	**0.006**
GEOM MEAN				**0.005**	**0.004**	**0.006**
MINIMUM				**0.001**	**0.003**	**0.003**
STD DEV (GEOM *)				**0.005**	0.001	0.002
# SAMPLES (IN STATISTICS)				5	4	5

B.O.W./ SITE: **OUSE RIVER**
SAMPLE POINT: **AT HIGHWAY 45**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-007-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0262750.0 4918250.0 4** REGION: **03** DISTANCE: **104.122**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1300		.3	1	31030	6	132	160	4<	4<	0.0	13.4	0.8	0.009
81 02 18 1300		.3	1	31082	6	2000C	50000	88	388	2.0	10.7	1.4	0.058
81 03 25 1350		.3	1	31049		10A	160	4<	4<	4.0	14.80	0.2<T	0.064
81 04 29 1045		.3	1	31128	8	160	3000>	4<	8	10.5	11.50	0.6	0.014
81 05 27 1355		.3	1	31190	6 8	360A	7200	24	8	19.0	10.20	0.4	0.021
81 06 17 1420		.3	1	31248	6 8	1450A	24000>	720	416	20.5	8.80	0.6	0.070
81 07 29 1400		.3	1	31309	6 8	800A	26800	80A	280	18.5	8.20	0.8	0.037
81 08 20 1553		.3	1	31382	8	620A	3000>	20<	180A	20.0	9.80	0.8	0.018
81 09 16 1100		.3	1	31431	7	320A	5900	40A	40A	16.5	12.40	0.8	0.020
81 10 28 1225		.3	1	31492	8	2300	11000	220	410	7.9	12.50	0.6	0.022
81 11 25 1040		.3	1	31554	8	60A	380	10A	20A	2.0	13.50	0.2<T	0.009
81 12 09 0843		.3	1	31598	8	140	690	10A	10<	0.8	13.90	0.6	0.011
MAXIMUM						**2300**	**50000**	**720**	**416**	**20.5**	**14.80**	**1.4**	**0.070**
ARITH MEAN						**696**	**11366**	**149**	**194**	**11.1**	**11.6**	**0.6<A**	**0.029**
GEOM MEAN						**308**	**2527**	**57**	**82**	**7.2**	**11.4**	**0.6<A**	**0.023**
MINIMUM						**10**	**160**	**10**	**8**	**0.8**	**8.20**	**0.2**	**0.009**
STD DEV (GEOM *)						**5***	**9***	**4***	**5***	**8.0**	**2.1**	**0.3<A**	**0.022**
# SAMPLES (IN STATISTICS)						**12**	**9**	**8**	**9**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1300		.3	1	0.002	0.036	0.380	0.005	0.382		0.423	0.344	0.767	306.0
81 02 18 1300		.3	1	0.013	0.160	0.720	0.017	0.583		0.760	0.560	1.320	265.00
81 03 25 1350		.3	1	0.067	0.008	0.26	0.001	0.195	0.195	0.204	0.252	0.456	156
81 04 29 1045		.3	1	0.005	0.020	0.33	0.003	0.105	0.110	0.128	0.310	0.438	241
81 05 27 1355		.3	1	0.008	0.010	0.46	0.044	0.085	0.130	0.139	0.450	0.589	260
81 06 17 1420		.3	1	0.012	0.006	0.68	0.003	0.250	0.255	0.259	0.674	0.933	248
81 07 29 1400		.3	1	0.009	0.004	0.52	0.085	0.155	0.240	0.244	0.516	0.760	245
81 08 20 1553		.3	1	0.006	0.018	0.60	0.085	0.155	0.240	0.258	0.582	0.840	261
81 09 16 1100		.3	1		0.002	0.60					0.598		
81 10 28 1225		.3	1		0.014	0.58					0.566		
81 11 25 1040		.3	1		0.020	0.38					0.360		
81 12 09 0843		.3	1		0.014	0.34					0.326		
MAXIMUM				**0.067**	**0.160**	**0.720**	**0.085**	**0.583**	**0.255**	**0.760**	**0.674**	**1.320**	**306.0**
ARITH MEAN				**0.015**	**0.026**	**0.48**	**0.030**	**0.239**	**0.195**	**0.302**	**0.461**	**0.763**	**247**
GEOM MEAN				**0.009**	**0.013**	**0.46**	**0.011**	**0.198**	**0.186**	**0.257**	**0.441**	**0.718**	**244**
MINIMUM				**0.002**	**0.002**	**0.26**	**0.001**	**0.085**	**0.110**	**0.128**	**0.252**	**0.438**	**156**
STD DEV (GEOM *)				**0.021**	**0.043**	**0.15**	**0.037**	**0.168**	**0.062**	**0.206**	**0.139**	**0.287**	**42**
# SAMPLES (IN STATISTICS)				**8**	**12**	**12**	**8**	**8**	**6**	**8**	**12**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 14 1300		.3	1	2.0	304.0	480.0		7.850		7.73	8.2		
81 02 18 1300		.3	1	11.00	254.00	415.0	3.40	19.000		7.60	7.3		
81 03 25 1350		.3	1		156	415	0.45	5.90	97	7.98	8.40		
81 04 29 1045		.3	1		240	370	1.50	6.05	177	8.16	7.00		
81 05 27 1355		.3	1		257	395	0.78		195	8.41	7.60		
81 06 17 1420		.3	1		244	375	1.50		176	7.97	7.90		
81 07 29 1400		.3	1		240	410	0.57		200	7.98	0.78		
81 08 20 1553		.3	1		260	400	0.96		201	8.39	7.65		
81 09 16 1100		.3	1			410	0.91	6.70	208	8.08	7.60	1<T	0.12
81 10 28 1225		.3	1			400	1.65	7.45	189	8.08	7.80	1<T	0.15
81 11 25 1040		.3	1			400	0.77	6.85	200	8.14	7.80	1<T	0.07
81 12 09 0843		.3	1			420	0.78	6.80	219	8.62	7.75		0.08
MAXIMUM				**11.00**	**304.0**	**480.0**	**3.40**	**19.000**	**219**	**8.62**	**8.40**	**1**	**0.15**
ARITH MEAN				**6.5**	**244**	**407**	**1.21**	**8.32**	**186**	**8.09**	**7.1**	**1<A**	**0.10**
GEOM MEAN				**4.6**	**240**	**406**	**1.03**	**7.70**	**182**	**8.09**	**6.3**	**1<A**	**0.10**
MINIMUM				**2.0**	**156**	**370**	**0.45**	**5.90**	**97**	**7.60**	**0.78**	**1**	**0.07**
STD DEV (GEOM *)				**6.3**	**41**	**27**	**0.83**	**4.36**	**34**	**0.28**	**2.0**	**0<A**	**0.04**
# SAMPLES (IN STATISTICS)				**2**	**8**	**12**	**11**	**8**	**10**	**12**	**12**	**3**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 25 1350		.3	1		0.001<	0.003<	0.002	
81 09 16 1100		.3	1	0.001<	0.005	0.003<	0.002	0.0010<
81 10 28 1225		.3	1	0.001	0.017	0.008	0.006	0.0020<
81 11 25 1040		.3	1	0.001<	0.004	0.004	0.003	0.0020
81 12 09 0843		.3	1	0.001<	0.003	0.003<	0.002	0.001 <
MAXIMUM				**0.001**	**0.017**	**0.008**	**0.006**	**0.0020**
ARITH MEAN				**0.001**	**0.007**	**0.006**	**0.003**	**0.0020**
GEOM MEAN					**0.006**	**0.006**	**0.003**	
MINIMUM				**0.001**	**0.003**	**0.004**	**0.002**	**0.0020**
STD DEV (GEOM *)					**0.007**	**0.003**	**0.002**	
# SAMPLES (IN STATISTICS)				**1**	**4**	**2**	**5**	**1**

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **AT BENSFORTH BRIDGE S.OF PETERBOROUGH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-008-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0717425.0 4898200.0 4** REGION: **03** DISTANCE: **125.204**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 03 25 1345		.3	1	31055		1040	24000>	204	84	4.8	13.20	0.4	0.024
81 04 29 1300		.3	1	31131	0 6 8	2240	6000>	396	28	10.5	11.60	1.0	0.020
81 05 27 1540		.3	1	31193	6 8	1300	15000>	100	4	18.0	10.50	0.6	0.028
81 06 17 1020		.3	1	31241	6 8	13000	82000	280	50A	21.0	9.40	0.6	0.125
81 07 29 1610		.3	1	31315	6 8	100<	53000	10<	10A	21.5	8.10	0.8	0.041
81 08 20 0910		.3	1	31388	6 9	1900A	15000>	70A	10<	20.9	10.00	1.4	0.031
81 09 16 1240		.3	1	31437	8	350A	4500	10<	10A	18.2	13.10	1.8	0.052
81 10 28 1452		.3	1	31498		1900	21000	210	550	9.8	12.60	0.4	0.032
81 11 25 1200		.3	1	31560	8	390	1200	110	40A	2.0	14.00	1.0	0.017
81 12 09 1130		.3	1	31604	8	1600	1700	770	80A	0.5	13.60	0.4	0.022
MAXIMUM						**13000**	**82000**	**770**	**550**	**21.5**	**14.00**	**1.8**	**0.125**
ARITH MEAN						**2636**	**27233**	**267**	**95**	**12.7**	**11.61**	**0.8**	**0.039**
GEOM MEAN						**1465**	**9709**	**202**	**35**	**8.3**	**11.44**	**0.7**	**0.033**
MINIMUM						**350**	**1200**	**70**	**4**	**0.5**	**8.10**	**0.4**	**0.017**
STD DEV (GEOM *)						3*	6*	2*	4*	8.2	2.01	0.5	0.032
# SAMPLES (IN STATISTICS)						9	6	8	9	10	10	10	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 03 25 1345		.3	1	0.005	0.124	0.51	0.011	0.410	0.420	0.545	0.386	0.931	152
81 04 29 1300		.3	1	0.002	0.098	0.44	0.005	0.175	0.180	0.278	0.342	0.620	341
81 05 27 1540		.3	1	0.011	0.016	0.49	0.096	0.085	0.180	0.197	0.474	0.671	136
81 06 17 1020		.3	1	0.079	0.002	0.90	0.001	0.465	0.465	0.468	0.898	1.366	155
81 07 29 1610		.3	1	0.016	0.074	0.49	0.047	0.183	0.230	0.304	0.416	0.720	140
81 08 20 0910		.3	1	0.014	0.090	0.50	0.030	0.080	0.110	0.200	0.410	0.610	140
81 09 16 1240		.3	1	0.009	0.026	0.60	0.019	0.050	0.070	0.095	0.574	0.669	
81 10 28 1452		.3	1	0.014	0.052	0.50	0.018	0.105	0.125	0.175	0.448	0.623	142
81 11 25 1200		.3	1	0.005	0.038	0.41	0.019	0.050	0.070	0.107	0.372	0.479	132
81 12 09 1130		.3	1	0.008	0.032	0.43	0.044	0.080	0.125	0.156	0.398	0.554	131
MAXIMUM				**0.079**	**0.124**	**0.90**	**0.096**	**0.465**	**0.465**	**0.545**	**0.898**	**1.366**	**341**
ARITH MEAN				**0.016**	**0.055**	**0.53**	**0.029**	**0.168**	**0.197**	**0.252**	**0.472**	**0.724**	**163**
GEOM MEAN				**0.010**	**0.037**	**0.51**	**0.017**	**0.124**	**0.162**	**0.217**	**0.453**	**0.693**	**155**
MINIMUM				**0.002**	**0.002**	**0.41**	**0.001**	**0.050**	**0.070**	**0.095**	**0.342**	**0.479**	**131**
STD DEV (GEOM *)				**0.022**	**0.040**	**0.14**	**0.028**	**0.150**	**0.139**	**0.150**	**0.163**	**0.255**	**67**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 25 1345		.3	1	150	230	1.10	7.45	90	7.86	8.30	0.004	0.004	0.009
81 04 29 1300		.3	1	338	220	1.30	6.65	86	8.00	7.00			
81 05 27 1540		.3	1	133	205	1.30	6.20	83	8.14	7.50			
81 06 17 1020		.3	1	150	230	2.20		88	8.96	8.00			
81 07 29 1610		.3	1	137	215	0.60		88	7.94	7.70			
81 08 20 0910		.3	1	137	210	1.31		91	8.08	7.75			
81 09 16 1240		.3	1	130	200	1.34		81	8.09	8.00			
81 10 28 1452		.3	1	137	210	3.30	6.70	87	8.04	7.90	0.010	0.003<	0.002
81 11 25 1200		.3	1	130	200	0.89	6.10	84	7.95	8.25	0.006	0.004	0.030
81 12 09 1130		.3	1	130	200	1.31	7.15	80	8.35	7.85	0.002	0.003	0.003
MAXIMUM				**338**	**230**	**3.30**	**7.45**	**91**	**8.96**	**8.30**	**0.010**	**0.004**	**0.030**
ARITH MEAN				**157**	**212**	**1.46**	**6.71**	**86**	**8.14**	**7.82**	**0.005**	**0.004**	**0.011**
GEOM MEAN				**150**	**212**	**1.32**	**6.69**	**86**	**8.14**	**7.82**	**0.005**	**0.004**	**0.006**
MINIMUM				**130**	**200**	**0.60**	**6.10**	**80**	**7.86**	**7.00**	**0.002**	**0.003**	**0.002**
STD DEV (GEOM *)				64	12	0.76	0.52	4	0.32	0.38	0.003	0.001	0.013
# SAMPLES (IN STATISTICS)				10	10	10	6	10	10	10	4	3	4

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **HIGHWAY 7 PETERBOROUGH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-011-83**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0714775.0 4907350.0 4** REGION: **03** DISTANCE: **142.423**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1525		.3	1	31036	6	950	1450	340	60I	0.0	14.8	0.6	0.022
81 02 18 1630		.3	1	31089	6	13000	15000	3800	2700	1.8	12.5	0.9	0.047
81 03 25 1715		.3	1	31058	6	530	1500	190	30A	4.8	14.40	0.4	0.045
81 04 29 1445		.3	1	31134	6 8	1440	3000>	330	60	10.0	11.60	1.0	0.059
81 05 27 1650		.3	1	31196	6 8	2200	15000>	292	8	16.8	12.40	1.0	0.028
81 06 17 1508		.3	1	31250	6 8	23000A	2400000>	172	240	22.0	9.80	0.4	0.062
81 07 30 0930		.3	1	31318	6 8	9000	15000>	140	200	18.9	10.10	1.8	0.045
81 08 21 0830		.3	1	31391	7	500A	7300	10A	10A	19.0	9.90	1.2	0.033
81 09 16 1450		.3	1	31440	8	420A	6300	20A	10<	18.0	13.40	1.2	0.048
81 10 28 1612		.3	1	31501	8	1100	5500	70A	280	9.0	13.20	0.4	0.022
81 11 25 1400		.3	1	31563	8	910	1800	290	90A	5.0	12.80	0.2<T	0.019
81 12 09 1410		.3	1	31607	8	140	250	10A	10A	0.5	14.60	0.8	0.017
MAXIMUM						**23000**	**15000**	**3800**	**2700**	**22.0**	**14.8**	**1.8**	**0.062**
ARITH MEAN						**4432**	**4887**	**472**	**335**	**11.4**	**12.4**	**0.8<A**	**0.037**
GEOM MEAN						**1497**	**2794**	**130**	**72**	**7.6**	**12.3**	**0.7<A**	**0.034**
MINIMUM						**140**	**250**	**10**	**8**	**0.5**	**9.80**	**0.2**	**0.017**
STD DEV (GEOM *)						5*	4*	5*	6*	7.8	1.7	0.5<A	0.016
# SAMPLES (IN STATISTICS)						12	8	12	11	11	12	12	12

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1525		.3	1	0.007	0.136	0.510	0.006	0.144		0.286	0.374	0.660	136.0
81 02 18 1630		.3	1	0.011	0.192	0.650	0.009	0.256		0.457	0.458	0.915	170.0
81 03 25 1715		.3	1	0.002	0.070	0.49	0.009	0.400	0.410	0.479	0.420	0.899	145
81 04 29 1445		.3	1	0.006	0.260	0.82	0.001	0.190	0.200	0.451	0.560	1.011	182
81 05 27 1650		.3	1	0.008	0.004	0.48			0.220		0.476	0.700	146
81 06 17 1508		.3	1	0.026	0.004	0.82	0.004	0.545	0.550	0.553	0.816	1.369	158
81 07 30 0930		.3	1	0.018	0.068	0.78	0.220	0.150	0.370	0.438	0.712	1.150	
81 08 21 0830		.3	1	0.020	0.006	0.49	0.001<T	0.215	0.215	0.222	0.484	0.706	137
81 09 16 1450		.3	1	0.013	0.012	0.58	0.003	0.177	0.180	0.192	0.568	0.760	
81 10 28 1612		.3	1	0.008	0.086	0.51	0.012	0.075	0.085	0.173	0.424	0.597	140
81 11 25 1400		.3	1	0.006	0.062	0.45	0.013	0.065	0.080	0.140	0.388	0.528	125
81 12 09 1410		.3	1	0.007	0.048	0.43	0.011	0.080	0.090	0.139	0.382	0.521	125
	MAXIMUM			**0.026**	**0.260**	**0.82**	**0.220**	**0.545**	**0.550**	**0.553**	**0.816**	**1.369**	**182**
	ARITH MEAN			**0.011**	**0.079**	**0.58**	**0.026<A**	**0.209**	**0.240**	**0.321**	**0.505**	**0.818**	**146**
	GEOM MEAN			**0.009**	**0.038**	**0.56**	**0.007<A**	**0.170**	**0.197**	**0.284**	**0.490**	**0.783**	**145**
	MINIMUM			**0.002**	**0.004**	**0.43**	**0.001**	**0.065**	**0.080**	**0.139**	**0.374**	**0.521**	**125**
	STD DEV (GEOM *)			**0.007**	**0.081**	**0.14**	**0.064<A**	**0.147**	**0.156**	**0.156**	**0.138**	**0.260**	**18**
	# SAMPLES (IN STATISTICS)			**12**	**12**	**12**	**11**	**11**	**10**	**11**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
	TEST-NAME:			*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 14 1525		.3	1	3.0	133.000	205.0		5.650		7.71	8.0		
81 02 18 1630		.3	1	17.0	153.000	235.0		11.500		7.69	7.6		
81 03 25 1715		.3	1		143	220	0.80	6.60	87	7.80	8.10	0.001<	0.003<
81 04 29 1445		.3	1		146	225	1.10	8.55	87	7.76	7.30		
81 05 27 1650		.3	1		136	210	1.20	6.45	84	7.98	7.60		
81 06 17 1508		.3	1		150	230	1.50	8.75	88	7.91	8.00		
81 07 30 0930		.3	1		143	220	0.74		86	7.80	7.50		
81 08 21 0830		.3	1		133	205	2.40	5.90	81	8.08	8.10		
81 09 16 1450		.3	1		130	200	1.36		81	8.12	8.40		
81 10 28 1612		.3	1		137	210	1.51	6.50	79	8.00	7.85	0.007	0.004
81 11 25 1400		.3	1		124	190	1.44	5.95	80	7.96	7.75	0.006	0.005
81 12 09 1410		.3	1		124	190	1.28	6.35	80	8.12	8.05	0.004	0.004
	MAXIMUM			**17.0**	**153.000**	**235.0**	**2.40**	**11.500**	**88**	**8.12**	**8.40**	**0.007**	**0.005**
	ARITH MEAN			**10.0**	**137**	**211**	**1.33**	**7.22**	**83**	**7.91**	**7.8**	**0.006**	**0.004**
	GEOM MEAN			**7.1**	**137**	**211**	**1.27**	**7.04**	**83**	**7.91**	**7.8**	**0.006**	**0.004**
	MINIMUM			**3.0**	**124**	**190**	**0.74**	**5.650**	**79**	**7.69**	**7.30**	**0.004**	**0.004**
	STD DEV (GEOM *)			**9.9**	**9**	**14**	**0.46**	**1.84**	**3**	**0.16**	**0.3**	**0.002**	**0.001**
	# SAMPLES (IN STATISTICS)			**2**	**12**	**12**	**10**	**10**	**10**	**12**	**12**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*ZNUT*
81 03 25 1715		.3	1	0.009
81 10 28 1612		.3	1	0.007
81 11 25 1400		.3	1	0.036
81 12 09 1410		.3	1	0.007
	MAXIMUM			**0.036**
	ARITH MEAN			**0.015**
	GEOM MEAN			**0.011**
	MINIMUM			**0.007**
	STD DEV (GEOM *)			**0.014**
	# SAMPLES (IN STATISTICS)			**4**

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **ROAD TO NASSAU MILLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-013-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0715650.0 4914400.0 4** REGION: **03** DISTANCE: **149.826**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 0830		.3	1	31039	6	332	720	112	8	0.0	14.0	0.6	0.178
81 02 26 1830		.3	1	31109	6					1.5	12.6	0.5	0.009
81 03 26 0940		.3	1	31061	6	10<	60A	4	4<	3.5	13.80	0.2	0.013
81 04 30 0800		.3	1	31137	6 8	90A	3000>	4	68	8.5	13.60	1.0	0.020
81 05 28 0908		.3	1	31199	6 8	190A	9400	4<	28	16.0	11.60	0.6	0.038
81 06 16 1700		.3	1	31238	6 8	1800A	69000	188	104	22.0	11.30	0.2	0.035
81 07 30 1120		.3	1	31322	6 8 9	740	3000>	40A	10<	19.2	9.80	0.6	0.030
81 08 19 1549		.3	1	31370	8	20A	18000	4<	8	20.8	10.7	1.2	0.137
81 09 17 1000		.3	1	31443	8	140A	9600	30A	60A	15.5	13.60	1.6	0.035
81 10 29 1630		.3	1	31504	8					7.8	13.60	1.2U	0.023
81 11 26 0910		.3	1	31566	8	20<	60A	10A	10<	1.0	15.40	0.6	0.015
81 12 08 1620		.3	1	31586	8	20A	70A	4<	4	1.0	14.40	0.6	0.015
	MAXIMUM					**1800**	**69000**	**188**	**104**	**22.0**	**15.40**	**1.6**	**0.178**
	ARITH MEAN					**416**	**13364**	**55**	**40**	**10.6**	**12.8**	**0.7**	**0.046**
	GEOM MEAN					**160**	**1457**	**24**	**23**	**6.4**	**12.7**	**0.6**	**0.029**
	MINIMUM					**20**	**60**	**4**	**4**	**1.0**	**9.80**	**0.2**	**0.009**
	STD DEV (GEOM *)					**5***	**18***	**5***	**4***	**8.3**	**1.6**	**0.4**	**0.054**
	# SAMPLES (IN STATISTICS)					**8**	**8**	**7**	**7**	**11**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **ROAD TO NASSAU MILLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-013-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0715650.0 4914400.0 4** REGION: **03** DISTANCE: **149.826**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 0830		.3	1	0.002	0.068	0.390	0.004	0.136		0.208	0.322	0.530	128.0
81 02 26 1830		.3	1	0.005	0.078	0.390	0.005	0.300		0.383	0.312	0.695	128.0
81 03 26 0940		.3	1		0.046	0.40					0.354		
81 04 30 0800		.3	1	0.002	0.024	0.39	0.004	0.205	0.210	0.233	0.366	0.599	133
81 05 28 0908		.3	1	0.010	0.004	0.44	0.062	0.070	0.130	0.136	0.436	0.572	130
81 06 16 1700		.3	1	0.011	0.006	0.48	0.001	0.195	0.195	0.202	0.474	0.676	134
81 07 30 1120		.3	1	0.016	0.136	0.44	0.003	0.020	0.025	0.159	0.304	0.463	
81 08 19 1549		.3	1	0.115	0.034	0.46	0.059	0.005<T	0.060	0.098	0.426	0.524	126
81 09 17 1000		.3	1		0.010	0.48					0.470		
81 10 29 1630		.3	1		0.004	0.43					0.426		
81 11 26 0910		.3	1		0.036	0.42					0.384		
81 12 08 1620		.3	1		0.042	0.39					0.348		
MAXIMUM				**0.115**	**0.136**	**0.48**	**0.062**	**0.300**	**0.210**	**0.383**	**0.474**	**0.695**	**134**
ARITH MEAN				**0.023**	**0.041**	**0.42**	**0.020**	**0.133<A**	**0.124**	**0.203**	**0.385**	**0.580**	**129**
GEOM MEAN				**0.009**	**0.024**	**0.42**	**0.007**	**0.073<A**	**0.096**	**0.187**	**0.381**	**0.575**	**129**
MINIMUM				**0.002**	**0.004**	**0.390**	**0.001**	**0.005**	**0.025**	**0.098**	**0.304**	**0.463**	**126**
STD DEV (GEOM *)				**0.041**	**0.039**	**0.03**	**0.028**	**0.108<A**	**0.081**	**0.092**	**0.060**	**0.084**	**3**
# SAMPLES (IN STATISTICS)				7	12	12	7	7	5	7	12	7	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD-	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 15 0830		.3	1	1.0		195.0	0.76	5.150		7.63	7.9		
81 02 26 1830		.3	1	4.0		190.0	1.00	4.900		7.35	7.4		
81 03 26 0940		.3	1			210	0.78	6.10	83	7.77	7.70	1<T	0.09
81 04 30 0800		.3	1		130	200	1.00	5.85	78	7.94			
81 05 28 0908		.3	1		127	195	1.20		79	8.04	7.00		
81 06 16 1700		.3	1		130	200	1.00		80	7.92	8.00		
81 07 30 1120		.3	1		124	190	0.54		80	7.87	7.50		
81 08 19 1549		.3	1		124	190	0.35	4.65	78	8.10	8.00		
81 09 17 1000		.3	1			180	1.41	4.70	75	8.12	8.50	1<T	0.10
81 10 29 1630		.3	1			180	1.21	4.30	80	8.02	8.00	1<T	0.05
81 11 26 0910		.3	1			180	0.97	4.85	73	8.01	7.40	1<T	0.05
81 12 08 1620		.3	1			180	0.90	4.85	73	8.27	8.20	1<T	0.04
MAXIMUM				**4.0**	**130**	**210**	**1.41**	**6.10**	**83**	**8.27**	**8.50**	**1**	**0.10**
ARITH MEAN				**2.5**	**127**	**190**	**0.93**	**5.03**	**78**	**7.92**	**7.7**	**1<A**	**0.07**
GEOM MEAN				**2.0**	**127**	**190**	**0.87**	**5.01**	**78**	**7.92**	**7.7**	**1<A**	**0.06**
MINIMUM				**1.0**	**124**	**180**	**0.35**	**4.30**	**73**	**7.35**	**7.00**	**1**	**0.04**
STD DEV (GEOM *)				**2.1**	**3**	**9**	**0.29**	**0.58**	**3**	**0.25**	**0.4**	**0<A**	**0.03**
# SAMPLES (IN STATISTICS)				**2**	**5**	**12**	**12**	**9**	**10**	**12**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 26 0940		.3	1	0.001<	0.003	0.005	0.017	0.002 <
81 09 17 1000		.3	1	0.001<	0.002	0.003<	0.004	0.0010<
81 10 29 1630		.3	1	0.001<	0.012	0.006	0.003	0.0010<
81 11 26 0910		.3	1	0.001<	0.001<	0.003<	0.002	0.0020<
81 12 08 1620		.3	1	0.001<	0.003	0.003<	0.001	0.0020<
MAXIMUM					**0.012**	**0.006**	**0.017**	
ARITH MEAN					**0.005**	**0.005**	**0.005**	
GEOM MEAN					**0.004**	**0.005**	**0.003**	
MINIMUM					**0.002**	**0.005**	**0.001**	
STD DEV (GEOM *)					**0.005**	**0.001**	**0.007**	
# SAMPLES (IN STATISTICS)					**4**	**2**	**5**	

B.O.W./ SITE: **CLEAR LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 28 YOUNGS POINT**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-016-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0720025.0 4929525.0 4** REGION: **03** DISTANCE: **171.551**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 0930		.3	1	31041	6					0.0	14.2		0.010
81 02 26 1745		.3	1	31098	6					0.8	15.5		0.006
81 03 26 1045		.3	1	31063	6	20A	60A	4<	8	3.0	12.50	0.4	0.012
81 04 30 0910		.3	1	31139	6 8	10<	100	4<	4<	8.8	12.40	1.2	0.016
81 05 28 1020		.3	1	31201	6 8	10<	10A	4	4<	16.8	10.30	1.0	0.024
81 06 16 1600		.3	1	31236	6 8	3100	7900	8	4	19.8	11.60	0.2<T	0.015
81 07 30 1200		.3	1	31323	6 8	60A	3000>	10<	10<	19.5	9.60		0.022
81 08 19 1500		.3	1	31368	8	60A	4800	10<	10A	21.0	10.5	1.4	0.038
81 09 17 1100		.3	1	31445	8	100	2350	10<	30A	16.8	12.60	1.6	0.028
81 10 29 1535		.3	1	31506	8					7.5	12.60	1.2U	0.025
81 11 26 1022		.3	1	31568		10A	50A	10<	10<	1.2	14.00	0.6	0.016
81 12 08 1520		.3	1	31588	8	10A	30A	4<	100	1.0	15.50	0.4	0.245

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
MAXIMUM						3100	7900	8	100	21.0	15.5	1.6	0.245
ARITH MEAN						480	1912	6	30	10.6	12.6	0.9<A	0.038
GEOM MEAN						58	231	6	16	6.1	12.4	0.7<A	0.021
MINIMUM						10	10	4	4	0.8	9.60	0.2	0.006
STD DEV (GEOM *)						7*	13*	2*	4*	8.3	1.9	0.5<A	0.066
# SAMPLES (IN STATISTICS)						7	8	2	5	11	12	9	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 15 0930		.3	1		0.084	0.410					0.326		
81 02 26 1745		.3	1		0.086	0.440					0.354		
81 03 26 1045		.3	1		0.062	0.38					0.318		
81 04 30 0910		.3	1	0.001<W	0.040	0.42	0.003	0.180	0.185	0.223	0.380	0.603	122
81 05 28 1020		.3	1	0.022	0.064	0.43	0.070	0.025	0.095	0.159	0.366	0.525	130
81 06 16 1600		.3	1	0.005	0.002	0.39	0.064	0.050	0.115	0.116	0.388	0.504	128
81 07 30 1200		.3	1			0.35							
81 08 19 1500		.3	1	0.030	0.162	0.51	0.035	0.005<T	0.035	0.202	0.348	0.550	117
81 09 17 1100		.3	1		0.038	0.48					0.442		
81 10 29 1535		.3	1		0.028	0.42					0.392		
81 11 26 1022		.3	1		0.032	0.41					0.378		
81 12 08 1520		.3	1		0.034	0.38					0.346		
MAXIMUM				0.030	0.162	0.51	0.070	0.180	0.185	0.223	0.442	0.603	130
ARITH MEAN				0.014<A	0.057	0.41	0.043	0.065<A	0.107	0.175	0.367	0.545	124
GEOM MEAN				0.008<A	0.040	0.41	0.026	0.033<A	0.092	0.170	0.366	0.544	124
MINIMUM				0.001	0.002	0.35	0.003	0.005	0.035	0.116	0.318	0.504	117
STD DEV (GEOM *)				0.014<A	0.043	0.04	0.031	0.079<A	0.062	0.048	0.035	0.043	6
# SAMPLES (IN STATISTICS)				4	11	12	4	4	4	4	11	4	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
81 01 15 0930		.3	1		195.0				7.74	7.8			
81 02 26 1745		.3	1		185.0				7.38	7.4			
81 03 26 1045		.3	1		200	0.69	5.65	80	7.63	7.40	1<T	0.11	0.001<
81 04 30 0910		.3	1	120	185	1.10	5.05	76	8.04				
81 05 28 1020		.3	1	130	200	0.89		78	8.14	7.20			
81 06 16 1600		.3	1	127	185	0.55		78	8.04	8.05			
81 07 30 1200		.3	1		190	0.47			7.84	7.45			
81 08 19 1500		.3	1	117	180	0.60	4.55	78	8.07	8.20			
81 09 17 1100		.3	1		175	0.88	4.60	70	8.21	8.30	1<T	0.07	0.001<
81 10 29 1535		.3	1		170	0.70	4.55	66	7.98	7.80	1<T	0.04	0.001<
81 11 26 1022		.3	1		170	0.87	4.85	71	8.00	7.45	1<T	0.05	0.001<
81 12 08 1520		.3	1		175	1.19	4.65	70	8.11	8.05	1<T	0.05	0.001<
MAXIMUM				130	200	1.19	5.65	80	8.21	8.30	1	0.11	
ARITH MEAN				123	184	0.79	4.84	74	7.93	7.7	1<A	0.06	
GEOM MEAN				123	183	0.76	4.83	74	7.93	7.7	1<A	0.06	
MINIMUM				117	170	0.47	4.55	66	7.38	7.20	1	0.04	
STD DEV (GEOM *)				6	10	0.23	0.40	5	0.24	0.3	0<A	0.03	
# SAMPLES (IN STATISTICS)				4	12	10	7	9	12	11	5	5	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 26 1045		.3	1	0.003	0.003<	0.005	0.002 <
81 09 17 1100		.3	1	0.014	0.003<	0.004	0.0010<
81 10 29 1535		.3	1	0.014	0.004	0.003	0.0010<
81 11 26 1022		.3	1	0.003	0.003	0.009	0.0010
81 12 08 1520		.3	1	0.100	0.003<	0.002	0.0020<
MAXIMUM				0.100	0.004	0.009	0.0010
ARITH MEAN				0.027	0.003	0.005	0.0010
GEOM MEAN				0.011	0.003	0.004	
MINIMUM				0.003	0.003	0.002	0.0010
STD DEV (GEOM *)				0.041	0.001	0.003	
# SAMPLES (IN STATISTICS)				5	2	5	1

B.O.W / SITE: **LOVESICK LAKE OUTLET**
SAMPLE POINT: **AT HIGHWAY 28 BURLEIGH FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-017-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **15 0721700.0 4937525.0 4** REGION: **03** DISTANCE: **185.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1050		.3	1	31042	6	8	60	4<	4	0.0	14.0		0.007
81 02 26 1710		.3	1	31099	6					1.5	14.3		0.006
81 03 26 1120		.3	1	31064	6	4<	52	4<	4<	3.0	12.90	0.4	0.013
81 04 30 0935		.3	1	31140	6 8	30A	190	4<	4<	9.0	12.10	1.0	0.043
81 05 28 1040		.3	1	31202	6 8	10<	970	4	4<	18.0	10.60	0.6	0.019
81 06 16 1538		.3	1	31235	6 8	160A	3500	16	4	23.5	11.40	0.6	0.022
81 07 30 1219		.3	1	31324	6 8	40A	15600	10A	10<	19.8	9.60	1.0	0.020
81 08 19 1440		.3	1	31367	8	60A	1600	10<	10<	21.0	10.4	1.0	0.032
81 09 17 1120		.3	1	31446	8	180A	11400	10<	40A	17.0	12.70	1.2	0.027
81 10 29 1515		.3	1	31507	8					6.5	13.20	1.2U	0.018
81 11 26 1042		.3	1	31569	8	10<	120	10<	10<	1.0	14.00	0.6	0.017

(CONTD)

B.O.W./ SITE: **LOVESICK LAKE OUTLET**
SAMPLE POINT: **AT HIGHWAY 28 BURLEIGH FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-017-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **15 0721700.0 4937525.0 4** REGION: **03** DISTANCE: **185.713**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 12 08 1500		.3	1	31589	8	20A	60A	4<	4<	1.5	15.60	0.4	0.198
MAXIMUM						**180**	**15600**	**16**	**40**	**23.5**	**15.60**	**1.2**	**0.198**
ARITH MEAN						**71**	**3355**	**10**	**16**	**11.1**	**12.5**	**0.8**	**0.035**
GEOM MEAN						**44**	**577**	**9**	**9**	**6.7**	**12.4**	**0.7**	**0.022**
MINIMUM						**8**	**52**	**4**	**4**	**1.0**	**9.60**	**0.4**	**0.006**
STD DEV (GEOM *)						**3***	**9***	**2***	**4***	**8.9**	**1.8**	**0.3**	**0.052**
# SAMPLES (IN STATISTICS)						**7**	**10**	**3**	**3**	**11**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1050		.3	1		0.080	0.390					0.310		
81 02 26 1710		.3	1		0.106	0.400					0.294		
81 03 26 1120		.3	1		0.036	0.33					0.294		
81 04 30 0935		.3	1	0.003	0.026	0.56	0.003	0.180	0.185	0.209	0.534	0.743	130
81 05 28 1040		.3	1	0.005	0.012	0.44	0.087	0.055	0.140	0.154	0.428	0.582	132
81 06 16 1538		.3	1	0.005	0.002	0.41	0.065	0.035	0.100	0.102	0.408	0.510	120
81 07 30 1219		.3	1	0.009	0.064	0.39	0.012	0.005<T	0.015	0.081	0.326	0.407	
81 08 19 1440		.3	1	0.019	0.076	0.42	0.002	0.005<T	0.005<T	0.083	0.344	0.427	113
81 09 17 1120		.3	1		0.042	0.47					0.428		
81 10 29 1515		.3	1		0.014	0.42					0.406		
81 11 26 1042		.3	1		0.030	0.42					0.390		
81 12 08 1500		.3	1		0.030	0.39					0.360		
MAXIMUM				**0.019**	**0.106**	**0.56**	**0.087**	**0.180**	**0.185**	**0.209**	**0.534**	**0.743**	**132**
ARITH MEAN				**0.008**	**0.043**	**0.42**	**0.034**	**0.056<A**	**0.089<A**	**0.136**	**0.380**	**0.560**	**124**
GEOM MEAN				**0.007**	**0.030**	**0.41**	**0.013**	**0.024<A**	**0.045<A**	**0.128**	**0.374**	**0.547**	**124**
MINIMUM				**0.003**	**0.002**	**0.33**	**0.002**	**0.005**	**0.005**	**0.081**	**0.294**	**0.407**	**113**
STD DEV (GEOM *)				**0.006**	**0.032**	**0.05**	**0.039**	**0.072<A**	**0.078<A**	**0.057**	**0.073**	**0.141**	**9**
# SAMPLES (IN STATISTICS)				**5**	**12**	**12**	**5**	**5**	**5**	**4**	**11**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	*ASUT*
81 01 15 1050		.3	1		190.0				7.63	7.8			
81 02 26 1710		.3	1		190.0				7.39	7.4			
81 03 26 1120		.3	1		185	0.82	4.90	72	7.68	7.50	1<T	0.11	0.001<
81 04 30 0935		.3	1	127	195	6.80	5.80	79	8.18				
81 05 28 1040		.3	1	130	200	1.00		79	8.14	7.00			
81 06 16 1538		.3	1	117	180	0.95		74	8.07	8.20			
81 07 30 1219		.3	1	120	185	0.94		76	7.92	7.60			
81 08 19 1440		.3	1	111	170	0.67	4.45	73	8.08	8.00			
81 09 17 1120		.3	1		180	1.20	4.65	70	8.22	8.20	1<T	0.07	0.001<
81 10 29 1515		.3	1		170	0.84	4.50	67	7.99	7.65	1<T	0.05	0.001<
81 11 26 1042		.3	1		170	1.28	5.15	73	8.03	7.85	1<T	0.05	0.001<
81 12 08 1500		.3	1		190	1.15	5.30	78	8.11	8.20	1<T	0.05	0.001<
MAXIMUM				**130**	**200**	**6.80**	**5.80**	**79**	**8.22**	**8.20**	**1**	**0.11**	
ARITH MEAN				**121**	**183**	**1.56**	**4.96**	**74**	**7.95**	**7.7**	**1<A**	**0.07**	
GEOM MEAN				**121**	**183**	**1.17**	**4.94**	**74**	**7.95**	**7.7**	**1<A**	**0.06**	
MINIMUM				**111**	**170**	**0.67**	**4.45**	**67**	**7.39**	**7.00**	**1**	**0.05**	
STD DEV (GEOM *)				**8**	**10**	**1.85**	**0.49**	**4**	**0.26**	**0.3**	**0<A**	**0.03**	
# SAMPLES (IN STATISTICS)				**5**	**12**	**10**	**7**	**10**	**12**	**11**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 26 1120		.3	1	0.005	0.006	0.038	0.002 <
81 09 17 1120		.3	1	0.002	0.003<	0.001	0.0010<
81 10 29 1515		.3	1	0.032	0.004	0.012	0.0010
81 11 26 1042		.3	1	0.001<	0.003<	0.002	0.0020<
81 12 08 1500		.3	1	0.001<	0.003	0.001<	0.0020<
MAXIMUM				**0.032**	**0.006**	**0.038**	**0.0010**
ARITH MEAN				**0.013**	**0.004**	**0.013**	**0.0010**
GEOM MEAN				**0.007**	**0.004**	**0.005**	
MINIMUM				**0.002**	**0.003**	**0.001**	**0.0010**
STD DEV (GEOM *)				**0.017**	**0.002**	**0.017**	
# SAMPLES (IN STATISTICS)				**3**	**3**	**4**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **BUCKHORN LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 507 BUCKHORN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-018-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0710850.0 4936725.0 4** REGION: **03** DISTANCE: **197.622**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1130		.3	1	31044	6					0.0	13.4		0.008
81 02 26 1630		.3	1	31101	6					1.8	12.9		0.008
81 03 26 1215		.3	1	31066	6					3.8	12.80	0.6	0.012
81 04 30 1015		.3	1	31142	6 8	10A	290	4<	4<	9.5	12.90	1.8	0.022
81 05 28 1140		.3	1	31204	6 8	10<	700	4<	4<	18.8	10.60	1.0	0.038
81 06 16 1433		.3	1	31233	6 8	100	2800	4	12	23.0	12.00	0.4	0.022
81 07 30 1307		.3	1	31326	6 8	20A	6200	10<	10<	20.9	9.80	1.0	0.024
81 08 19 1400		.3	1	31365	8	20<	820	4<	4<	20.9	10.6	1.4	0.028
81 09 17 1200		.3	1	31448	8	100	440	10<	30A	16.4	13.00	1.0	0.021
81 10 29 1430		.3	1	31509	8					7.0	13.00	1.0U	0.025
81 11 26 1115		.3	1	31571	8	10<	80A	10<	10<	0.0	14.20	1.2	0.022
81 12 08 1420		.3	1	31591	8	10<	20A	4<	4<	1.0	15.20	0.6	0.014
MAXIMUM						**100**	**6200**	**4**	**30**	**23.0**	**15.20**	**1.8**	**0.038**
ARITH MEAN						**57**	**1419**	**4**	**21**	**12.3**	**12.5**	**1.0**	**0.020**
GEOM MEAN						**38**	**461**		**19**	**8.2**	**12.4**	**0.9**	**0.018**
MINIMUM						**10**	**20**	**4**	**12**	**1.0**	**9.80**	**0.4**	**0.008**
STD DEV (GEOM *)						**3***	**6***		**2***	**8.6**	**1.5**	**0.4**	**0.009**
# SAMPLES (IN STATISTICS)						**4**	**8**	**1**	**2**	**10**	**12**	**10**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 15 1130		.3	1		0.024	0.290					0.266		
81 02 26 1630		.3	1		0.108	0.420					0.312		
81 03 26 1215		.3	1		0.024	0.36					0.336		
81 04 30 1015		.3	1	0.001<W	0.046	0.48	0.003	0.150	0.155	0.199	0.434	0.633	332
81 05 28 1140		.3	1	0.012	0.104	0.60	0.014	0.035	0.050	0.153	0.496	0.649	130
81 06 16 1433		.3	1	0.007	0.002	0.41	0.001<W	0.005<T	0.005<W	0.008	0.408	0.416	122
81 07 30 1307		.3	1	0.005	0.078	0.43	0.003	0.005<T	0.005	0.086	0.352	0.438	
81 08 19 1400		.3	1	0.013	0.112	0.48	0.001<T	0.005<T	0.005	0.118	0.368	0.486	116
81 09 17 1200		.3	1		0.056	0.44					0.384		
81 10 29 1430		.3	1		0.046	0.45					0.404		
81 11 26 1115		.3	1		0.038	0.40					0.362		
81 12 08 1420		.3	1		0.062	0.41					0.348		
MAXIMUM				**0.013**	**0.112**	**0.60**	**0.014**	**0.150**	**0.155**	**0.199**	**0.496**	**0.649**	**332**
ARITH MEAN				**0.008<A**	**0.058**	**0.43**	**0.004<A**	**0.040<A**	**0.044<A**	**0.139**	**0.369**	**0.551**	**175**
GEOM MEAN				**0.006<A**	**0.042**	**0.42**	**0.003<A**	**0.015<A**	**0.016<A**	**0.133**	**0.365**	**0.544**	**157**
MINIMUM				**0.001**	**0.002**	**0.290**	**0.001**	**0.005**	**0.005**	**0.086**	**0.266**	**0.438**	**116**
STD DEV (GEOM *)				**0.005<A**	**0.036**	**0.07**	**0.005<A**	**0.063<A**	**0.065<A**	**0.048**	**0.061**	**0.105**	**105**
# SAMPLES (IN STATISTICS)				**5**	**12**	**12**	**5**	**5**	**5**	**4**	**11**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 15 1130		.3	1		84.0				7.26	7.5			
81 02 26 1630		.3	1		215.0				7.37	7.3			
81 03 26 1215		.3	1		190	0.81	5.00	73	7.68	7.40	1<T	0.12	0.001<
81 04 30 1015		.3	1	140	215	1.20	6.60	88	8.12				
81 05 28 1140		.3	1	130	200	0.98		79	8.37	7.30			
81 06 16 1433		.3	1	120	185	0.83		74	8.45	8.70			
81 07 30 1307		.3	1	124	190	1.10		78	7.95	7.65			
81 08 19 1400		.3	1	114	175	2.00	4.80	76	8.53	8.40			
81 09 17 1200		.3	1		180	1.14	4.75	72	8.43	8.40	1<T	0.06	0.001<
81 10 29 1430		.3	1		580	1.28	5.10	198	8.15	7.90	1<T	0.05	0.001<
81 11 26 1115		.3	1		190	1.06	5.30	78	8.11	7.90	1<T	0.04	0.001<
81 12 08 1420		.3	1		200	0.94	6.10	82	8.19	7.50	1<T	0.07	0.001<
MAXIMUM				**140**	**580**	**2.00**	**6.60**	**198**	**8.53**	**8.70**	**1**	**0.12**	
ARITH MEAN				**126**	**217**	**1.13**	**5.38**	**90**	**8.05**	**7.8**	**1<A**	**0.07**	
GEOM MEAN				**125**	**197**	**1.10**	**5.34**	**85**	**8.04**	**7.8**	**1<A**	**0.06**	
MINIMUM				**114**	**84.0**	**0.81**	**4.75**	**72**	**7.26**	**7.3**	**1**	**0.04**	
STD DEV (GEOM *)				**10**	**119**	**0.34**	**0.70**	**38**	**0.42**	**0.4**	**0<A**	**0.03**	
# SAMPLES (IN STATISTICS)				**5**	**12**	**10**	**7**	**10**	**12**	**11**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1215		.3	1	0.001<	0.003<	0.002	0.002 <
81 09 17 1200		.3	1	0.008	0.003<	0.002	0.0010
81 10 29 1430		.3	1	0.007	0.005	0.005	0.0010<
81 11 26 1115		.3	1	0.018	0.003<	0.003	0.0010<
81 12 08 1420		.3	1	0.011	0.003<	0.001<	0.0020<
MAXIMUM				**0.018**	**0.005**	**0.005**	**0.0010**
ARITH MEAN				**0.011**	**0.005**	**0.003**	**0.0010**
GEOM MEAN				**0.010**		**0.003**	
MINIMUM				**0.007**	**0.005**	**0.002**	**0.0010**
STD DEV (GEOM *)				**0.005**		**0.001**	
# SAMPLES (IN STATISTICS)				**4**	**1**	**4**	**1**

B.O.W./ SITE: **STURGEON LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 36 BOBCAYGEON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-021-02**
STORET CODE: **02 004 1220**

LAT LONG. U T M: **17 0694960.0 4934400.0 4** REGION: **03** DISTANCE: **222.083**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 1150	.3	1		31045	6	12	108	4	4	0.0	13.8	0.2	0.010
81 02 26 1600	.3	1		31102	6					1.5	12.7	0.5	0.024
81 03 26 1345	.3	1		31067	6	12	68	2<	2<	4.5	13.60	0.8	0.039
81 05 01 1210	.3	1		31150	6 8	16	720	2<	2<	9.0	11.90	0.8	0.008
81 05 28 1205	.3	1		31205	6 8	20<	7400	4<	4<	18.0	10.60	1.2	0.020
81 06 16 1410	.3	1		31232		200A	240000>	8	4<	23.5	10.60	0.4	0.015
81 07 29 1030	.3	1		31299	6 8	800A	71000	148	300	14.8	7.20	2.0	0.048
81 07 30 1338	.3	1		31327	6 8	220	3000>	10<	10<	21.8	9.80	0.8	0.032
81 08 19 1330	.3	1		31364	8	1600	2000	4<	32	21.2	10.9	0.4	0.143
81 09 17 1330	.3	1		31449	8	10A	2000	10<	30A	16.5	13.20	1.8	0.055
81 10 29 1303	.3	1		31510	8					7.4	13.00	1.0U	0.035
81 11 26 1130	.3	1		31572	8	10<	150	10<	10<	1.5	13.40	0.2<T	0.017
81 12 08 1353	.3	1		31592	8	20A	130	4<	4<	2.0	14.30	0.2<T	0.014
MAXIMUM						**1600**	**71000**	**148**	**300**	**23.5**	**14.30**	**2.0**	**0.143**
ARITH MEAN						**321**	**9286**	**53**	**91**	**11.8**	**11.9**	**0.8<A**	**0.035**
GEOM MEAN						**67**	**844**	**17**	**33**	**8.0**	**11.7**	**0.6<A**	**0.026**
MINIMUM						**10**	**68**	**4**	**4**	**1.5**	**7.20**	**0.2**	**0.008**
STD DEV (GEOM *)						**7***	**10***	**7***	**6***	**8.4**	**2.0**	**0.6<A**	**0.035**
# SAMPLES (IN STATISTICS)						**9**	**9**	**3**	**4**	**12**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1150	.3	1		0.002	0.082	0.430	0.003	0.127		0.212	0.348	0.560	126.0
81 02 26 1600	.3	1		0.009	0.172	0.590	0.016	0.579		0.767	0.418	1.185	162.0
81 03 26 1345	.3	1			0.048	0.40					0.352		
81 05 01 1210	.3	1		0.003	0.038	0.35	0.002	0.145	0.145	0.185	0.312	0.497	116
81 05 28 1205	.3	1		0.014	0.094	0.42	0.019	0.060	0.080	0.173	0.326	0.499	110
81 06 16 1410	.3	1		0.003	0.004	0.35	0.039	0.045	0.085	0.088	0.346	0.434	98
81 07 29 1030	.3	1		0.001<T	0.118	0.75	0.017	0.050	0.065	0.185	0.632	0.817	163
81 07 30 1338	.3	1		0.010	0.094	0.42	0.001	0.005	0.010	0.100	0.326	0.426	
81 08 19 1330	.3	1			0.120	0.41	0.001<T	0.005<T	0.005	0.126	0.290	0.416	108
81 09 17 1330	.3	1			0.092	0.49					0.398		
81 10 29 1303	.3	1			0.068	0.55					0.482		
81 11 26 1130	.3	1			0.046	0.44					0.394		
81 12 08 1353	.3	1			0.070	0.45					0.380		
MAXIMUM				**0.014**	**0.172**	**0.75**	**0.039**	**0.579**	**0.145**	**0.767**	**0.632**	**1.185**	**163**
ARITH MEAN				**0.006<A**	**0.080**	**0.46**	**0.012<A**	**0.127<A**	**0.065**	**0.229**	**0.385**	**0.604**	**126**
GEOM MEAN				**0.004<A**	**0.063**	**0.45**	**0.006<A**	**0.049<A**	**0.038**	**0.179**	**0.377**	**0.565**	**123**
MINIMUM				**0.001**	**0.004**	**0.35**	**0.001**	**0.005**	**0.005**	**0.088**	**0.290**	**0.416**	**98**
STD DEV (GEOM *)				**0.005<A**	**0.043**	**0.11**	**0.013<A**	**0.190<A**	**0.052**	**0.222**	**0.090**	**0.268**	**26**
# SAMPLES (IN STATISTICS)				**7**	**13**	**13**	**8**	**8**	**6**	**8**	**13**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 15 1150	.3	1		2.0	124.000	190.0		5.000		7.53	7.9		
81 02 26 1600	.3	1		3.0	159.000	245.0		8.850		7.53	6.8		
81 03 26 1345	.3	1				180	0.79	5.050	68	7.65	7.40	1<T	0.11
81 05 01 1210	.3	1			114	175	0.90	4.90	67	8.07	7.60		
81 05 28 1205	.3	1			110	170	0.85		65	8.14	7.00		
81 06 16 1410	.3	1			95	520	0.85		65	8.11	8.30		
81 07 29 1030	.3	1			140	215	5.20		96	7.99	8.15		
81 07 30 1338	.3	1			114	175	0.59		69	7.90	7.50		
81 08 19 1330	.3	1			107	165	2.00	4.35	69	8.16	8.45		
81 09 17 1330	.3	1				165	1.19	4.45	64	8.22	8.45	1<T	0.07
81 10 29 1303	.3	1				170	1.17	5.15	64	8.01	7.55	1<T	0.11
81 11 26 1130	.3	1				200	1.54	6.50	75	7.93	8.10	1<T	0.08
81 12 08 1353	.3	1				215	1.28	6.85	86	8.09	7.90	1<T	0.08
MAXIMUM				**3.0**	**159.000**	**520**	**5.20**	**8.850**	**96**	**8.22**	**8.45**	**1**	**0.11**
ARITH MEAN				**2.5**	**120**	**214**	**1.49**	**5.67**	**72**	**7.95**	**7.7**	**1<A**	**0.09**
GEOM MEAN				**2.4**	**118**	**202**	**1.22**	**5.53**	**71**	**7.95**	**7.7**	**1<A**	**0.09**
MINIMUM				**2.0**	**95**	**165**	**0.59**	**4.35**	**64**	**7.53**	**6.8**	**1**	**0.07**
STD DEV (GEOM *)				**0.7**	**20**	**95**	**1.29**	**1.46**	**10**	**0.24**	**0.5**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**2**	**8**	**13**	**11**	**9**	**11**	**13**	**13**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 26 1345	.3	1		0.001<	0.001<	0.003<	0.003	0.002 <
81 09 17 1330	.3	1		0.001<	0.004	0.003<	0.003	0.0010<
81 10 29 1303	.3	1		0.001<	0.010	0.004	0.005	0.0010
81 11 26 1130	.3	1		0.001<	0.002	0.003<	0.002	0.0020<
81 12 08 1353	.3	1		0.001<	0.003	0.003<	0.001<	0.0020<
MAXIMUM					**0.010**	**0.004**	**0.005**	**0.0010**
ARITH MEAN					**0.005**	**0.004**	**0.003**	**0.0010**
GEOM MEAN					**0.004**		**0.003**	
MINIMUM					**0.002**	**0.004**	**0.002**	**0.0010**
STD DEV (GEOM *)					**0.004**		**0.001**	
# SAMPLES (IN STATISTICS)					**4**	**1**	**4**	**1**

B.O.W./ SITE: **CAMERON LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 35 FENELON FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-023-02**
STORET CODE: **02 004 1220**

LAT. LONG. U T M: **17 0679725.0 4933625.0 4** REGION: **03** DISTANCE: **249.442**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 15 1330	.3	1		31049	6	20	116	4<	4<	0.0	13.4	0.4	0.003
81 02 26 1315	.3	1		31107	6					1.5	14.7	0.3	0.010
81 03 26 1640	.3	1		31072	6	8	12	2<	54	3.8	12.60	0.4	0.011
81 05 01 1142	.3	1		31149	6 8	8	440	2<	2<	8.6	12.20	0.2<T	0.007
81 05 28 1548	.3	1		31210	6 8	10A	1500>	4<	4<	17.0	10.90	1.0	0.014
81 06 16 1340	.3	1		31231	6 8	20A	24000>	8	4	22.5	11.30	0.2	0.014
81 07 30 1532	.3	1		31332	6 8	20A	2200	10<	10A	21.2	9.60	0.4	0.012
81 08 19 1010	.3	1		31359	8	60A	2400	4<	4<	20.9	9.90	0.6	0.348
81 09 17 1600	.3	1		31454	8	180	890	10<	30A	16.2	11.40	0.8	0.034
81 10 29 1020	.3	1		31516	8					7.4	13.30		
81 11 26 1445	.3	1		31577	8	10<	50A	10<	10A	2.0	14.40	0.2<T	0.017
81 12 08 1240	.3	1		31597	8	30A	70A	4<	4<	2.0	15.20	0.2<T	0.009
MAXIMUM						**180**	**2400**	**8**	**54**	**22.5**	**15.20**	**1.0**	**0.348**
ARITH MEAN						**40**	**772**	**8**	**22**	**11.2**	**12.4**	**0.4<A**	**0.044**
GEOM MEAN						**23**	**237**		**15**	**7.5**	**12.2**	**0.4<A**	**0.015**
MINIMUM						**8**	**12**	**8**	**4**	**1.5**	**9.60**	**0.2**	**0.003**
STD DEV (GEOM *)						**3***	**7***		**3***	**8.5**	**1.8**	**0.3<A**	**0.101**
# SAMPLES (IN STATISTICS)						**9**	**8**	**1**	**5**	**11**	**12**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 15 1330	.3	1		0.001	0.038	0.270	0.002	0.123		0.163	0.232	0.395	74.0
81 02 26 1315	.3	1		0.001	0.068	0.320	0.001	0.174		0.243	0.252	0.495	72.0
81 03 26 1640	.3	1			0.032	0.27					0.238		
81 05 01 1142	.3	1		0.005	0.028	0.27	0.001	0.115	0.115	0.144	0.242	0.386	82
81 05 28 1548	.3	1		0.001	0.072	0.38	0.003	0.050	0.055	0.125	0.308	0.433	80
81 06 16 1340	.3	1		0.004		0.33	0.075	0.060	0.135			0.465	79
81 07 30 1532	.3	1		0.003	0.038	0.26	0.003	0.010	0.015	0.051	0.222	0.273	82
81 08 19 1010	.3	1		0.100	0.066	0.58	0.001	0.015	0.015	0.082	0.514	0.596	81
81 09 17 1600	.3	1			0.004	0.31					0.306		
81 11 26 1445	.3	1			0.016	0.32					0.304		
81 12 08 1240	.3	1			0.024	0.30					0.276		
MAXIMUM				**0.100**	**0.072**	**0.58**	**0.075**	**0.174**	**0.135**	**0.243**	**0.514**	**0.596**	**82**
ARITH MEAN				**0.016**	**0.039**	**0.32**	**0.012**	**0.078**	**0.067**	**0.135**	**0.289**	**0.435**	**78**
GEOM MEAN				**0.003**	**0.030**	**0.32**	**0.003**	**0.053**	**0.045**	**0.120**	**0.281**	**0.424**	**78**
MINIMUM				**0.001**	**0.004**	**0.26**	**0.001**	**0.010**	**0.015**	**0.051**	**0.222**	**0.273**	**72.0**
STD DEV (GEOM *)				**0.037**	**0.023**	**0.09**	**0.028**	**0.061**	**0.056**	**0.067**	**0.085**	**0.101**	**4**
# SAMPLES (IN STATISTICS)				**7**	**10**	**11**	**7**	**7**	**5**	**6**	**10**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 15 1330	.3	1		1.0	73.000	112.0		3.250		7.44	7.5		
81 02 26 1315	.3	1		4.0	68.000	108.0		3.450		7.25	7.2		
81 03 26 1640	.3	1				118	0.62	3.00	42	7.37	6.00	1<T	0.14
81 05 01 1142	.3	1			82	126	0.55	2.95	46	7.88	7.20		
81 05 28 1548	.3	1			79	122	0.76		46	7.98	6.90		
81 06 16 1340	.3	1			78	120	0.58		47	7.97	8.10		
81 07 30 1532	.3	1			82	126	0.44		42	7.87	7.60		
81 08 19 1010	.3	1			81	124	0.92		48	8.04	7.75		
81 09 17 1600	.3	1				125	0.77	2.95	48	7.94	7.20	1<T	0.13
81 10 29 1020	.3	1									7.60		
81 11 26 1445	.3	1				120	0.93	3.15	44	7.93	7.30	1<T	0.13
81 12 08 1240	.3	1				124	1.18	3.15	47	7.82	7.75	1<T	0.16
MAXIMUM				**4.0**	**82**	**126**	**1.18**	**3.450**	**48**	**8.04**	**8.10**	**1**	**0.16**
ARITH MEAN				**2.5**	**77**	**120**	**0.75**	**3.12**	**46**	**7.77**	**7.3**	**1<A**	**0.14**
GEOM MEAN				**2.0**	**77**	**120**	**0.72**	**3.12**	**46**	**7.77**	**7.3**	**1<A**	**0.14**
MINIMUM				**1.0**	**68.000**	**108.0**	**0.44**	**2.95**	**42**	**7.25**	**6.00**	**1**	**0.13**
STD DEV (GEOM *)				**2.1**	**5**	**5**	**0.23**	**0.18**	**2**	**0.28**	**0.5**	**0<A**	**0.01**
# SAMPLES (IN STATISTICS)				**2**	**7**	**11**	**9**	**7**	**9**	**11**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 26 1640	.3	1		0.001<	0.001<	0.003<	0.004	0.002 <
81 09 17 1600	.3	1		0.001<	0.003	0.003<	0.001	0.0010<
81 11 26 1445	.3	1		0.001<	0.001<	0.003	0.003	0.0020<
81 12 08 1240	.3	1		0.001<	0.009	0.003<	0.002	0.0020<
MAXIMUM					**0.009**	**0.003**	**0.004**	
ARITH MEAN					**0.006**	**0.003**	**0.002**	
GEOM MEAN					**0.005**		**0.002**	
MINIMUM					**0.003**	**0.003**	**0.001**	
STD DEV (GEOM *)					**0.004**		**0.001**	
# SAMPLES (IN STATISTICS)					**2**	**1**	**4**	

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **HIGHWAY 35 COBOCONK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-025-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0674650.0 4947150.0 4** REGION: **03** DISTANCE: **267.627**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 15 1245		.3	1	31047	6	32	36	4<	4<	0.0	13.6	0.4	0.004
81 02 26 1428		.3	1	31105	6					2.2	13.7	0.1	0.005
81 03 26 1428		.3	1	31070	6	20	560	2<	2<	3.0	13.30	0.2	0.006
81 05 01 1035		.3	1	31147	6 8	40	1080	2<	10	8.9	12.90	0.2	0.008
81 05 28 1330		.3	1	31208	6 8	120A	2900	8	20	16.0	11.80	0.6	0.011
81 06 16 1235		.3	1	31229	6 8	700A	240000>	4	4<	21.5	11.50	0.4	0.013
81 07 30 1457		.3	1	31330		180A	3000>	10A	10A	21.2	10.10	0.2	0.007
81 08 19 1120		.3	1	31361	8	120A	2200	4	4<	20.5	10.3	0.8	0.039
81 09 17 1500		.3	1	31452	8	30A	3500	20A	10<	17.5	12.40	0.6	0.043
81 10 29 1132		.3	1	31513	8					7.9	13.00	0.8U	0.141
81 11 26 1344		.3	1	31575	8	10A	190	10<	10A	2.5	4.20	0.2<T	0.104
81 12 08 1203		.3	1	31595	8	200	270	4<	4	1.5	14.90	0.4	0.008
MAXIMUM						**700**	**3500**	**20**	**20**	**21.5**	**14.90**	**0.8**	**0.141**
ARITH MEAN						**145**	**1342**	**9**	**11**	**11.2**	**11.8**	**0.4<A**	**0.032**
GEOM MEAN						**70**	**630**	**8**	**10**	**7.6**	**11.3**	**0.3<A**	**0.015**
MINIMUM						**10**	**36**	**4**	**4**	**1.5**	**4.20**	**0.1**	**0.004**
STD DEV (GEOM *)						**4***	**5***	**2***	**2***	**8.3**	**2.7**	**0.2<A**	**0.045**
# SAMPLES (IN STATISTICS)						**10**	**8**	**5**	**5**	**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 15 1245		.3	1	0.001	0.026	0.250	0.001	0.149		0.176	0.224	0.400	48.0
81 02 26 1428		.3	1	0.001	0.040	0.210	0.001<	0.185		0.226	0.170	0.396	58.0
81 03 26 1428		.3	1		0.010	0.17					0.160		
81 05 01 1035		.3	1	0.002	0.024	0.23	0.001	0.150	0.150	0.175	0.206	0.381	52
81 05 28 1330		.3	1	0.001<T	0.030	0.29	0.001	0.095	0.095	0.126	0.260	0.386	49
81 06 16 1235		.3	1	0.001<T	0.034	0.25	0.003	0.045	0.050	0.082	0.216	0.298	58
81 07 30 1457		.3	1	0.002	0.026	0.19	0.001<T	0.020	0.020	0.047	0.164	0.211	46
81 08 19 1120		.3	1	0.087	0.048	0.12	0.002	0.010	0.010	0.060	0.072	0.132	46
81 09 17 1500		.3	1		0.006	0.21					0.204		
81 10 29 1132		.3	1		0.020	0.23					0.210		
81 11 26 1344		.3	1		0.002	0.23					0.228		
81 12 08 1203		.3	1		0.010	0.22					0.210		
MAXIMUM				**0.087**	**0.048**	**0.29**	**0.003**	**0.185**	**0.150**	**0.226**	**0.260**	**0.400**	**58.0**
ARITH MEAN				**0.014<A**	**0.023**	**0.21**	**0.001<A**	**0.093**	**0.065**	**0.127**	**0.194**	**0.315**	**51**
GEOM MEAN				**0.002<A**	**0.017**	**0.21**	**0.001<A**	**0.062**	**0.043**	**0.111**	**0.186**	**0.295**	**50**
MINIMUM				**0.001**	**0.002**	**0.12**	**0.001**	**0.010**	**0.010**	**0.047**	**0.072**	**0.132**	**46**
STD DEV (GEOM *)				**0.032<A**	**0.014**	**0.04**	**0.001<A**	**0.070**	**0.058**	**0.068**	**0.048**	**0.106**	**5**
# SAMPLES (IN STATISTICS)				**7**	**12**	**12**	**6**	**7**	**5**	**7**	**12**	**7**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 15 1245		.3	1	1.0		72.0	0.55	1.900		7.20	7.4		
81 02 26 1428		.3	1	3.0		84.0	8.40	2.500		7.21	7.4		
81 03 26 1428		.3	1			82	0.51	2.50	25	7.28	6.90	1<T	0.09
81 05 01 1035		.3	1		51	78	0.78	2.30	24	7.66	6.70		
81 05 28 1330		.3	1		49	75	0.79		22	7.96	6.80		
81 06 16 1235		.3	1		56	86	0.72		24	7.64	7.80		
81 07 30 1457		.3	1		46	70	0.26		21	7.76			
81 08 19 1120		.3	1		46	70	0.74		21	7.88	7.65		
81 09 17 1500		.3	1			70	0.58	2.00	19	7.83	7.60	1<T	0.07
81 10 29 1132		.3	1			70	0.64	2.05	18	7.41	6.00	1<T	0.06
81 11 26 1344		.3	1			74	0.72	2.20	21	7.57	7.85	1<T	0.04
81 12 08 1203		.3	1			76	0.92	2.15	22	7.60	7.75	1<T	0.04
MAXIMUM				**3.0**	**56**	**86**	**8.40**	**2.500**	**25**	**7.96**	**7.85**	**1**	**0.09**
ARITH MEAN				**2.0**	**50**	**75**	**1.30**	**2.20**	**22**	**7.58**	**7.2**	**1<A**	**0.06**
GEOM MEAN				**1.7**	**49**	**75**	**0.78**	**2.19**	**22**	**7.58**	**7.2**	**1<A**	**0.06**
MINIMUM				**1.0**	**46**	**70**	**0.26**	**1.900**	**18**	**7.20**	**6.00**	**1**	**0.04**
STD DEV (GEOM *)				**1.4**	**4**	**5**	**2.24**	**0.22**	**2**	**0.26**	**0.5**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**2**	**5**	**12**	**12**	**8**	**10**	**12**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 26 1428		.3	1	0.001<	0.001	0.003<	0.004	0.002 <
81 09 17 1500		.3	1	0.001<	0.004	0.003	0.004	0.0010<
81 10 29 1132		.3	1	0.001<	0.001<	0.004	0.003	0.0010<
81 11 26 1344		.3	1	0.001<	0.001<	0.003<	0.004	0.0020<
81 12 08 1203		.3	1	0.001<	0.001<	0.003<	0.001<	0.0020<
MAXIMUM					**0.004**	**0.004**	**0.004**	
ARITH MEAN					**0.002**	**0.003**	**0.004**	
GEOM MEAN					**0.002**	**0.003**	**0.004**	
MINIMUM					**0.001**	**0.003**	**0.003**	
STD DEV (GEOM *)					**0.002**	**0.001**	**0.000**	
# SAMPLES (IN STATISTICS)					**2**	**2**	**4**	

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **GULL LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 35 MOORE FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-032-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0673800.0 4963525.0 4** REGION: **03** DISTANCE: **289.030**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 26 1230		.3	1	30288	6	4<	88	2<	2<	2.0	10.4		0.003
81 02 16 1135		.3	1	30211	6					1.0	12.8		0.009
81 03 23 1125		.3	1	30218	6					2.5	11.8		0.012
81 04 21 1200		.3	1	30225	6	4<	24	4<	4<	5.0	11.60	0.2<T	0.008
81 05 26 1315		.3	1	30232	6	4<	2760	4<	4<		10.60	0.4	0.016
81 07 04 1110		.3	1	30245		10<	24000>	4<	4<	23.5	8.40	0.4	0.005
81 07 07 1250		.3	1	30238	6	100<	23000	4<	4<	24.0		0.2	0.006
81 09 08 1215		.3	1	30252	6					20.0	6.40	0.4	0.007
81 10 20 1115		.3	1	30259		20A	240	4<	4<	9.0	9.80	0.2	0.055
81 11 30 1205		.3	1	30266	6	20A	170	4<	4<	5.0	10.80	0.4	0.009
81 12 22 1150		.3	1	30273	6	10<	10A	4<	4<	3.0	11.60	0.6	0.026
MAXIMUM						**20**	**23000**			**24.0**	**12.8**	**0.6**	**0.055**
ARITH MEAN						**20**	**3756**			**9.5**	**10.4**	**0.3<A**	**0.014**
GEOM MEAN						**20**	**246**			**5.7**	**10.2**	**0.3<A**	**0.010**
MINIMUM						**20**	**10**			**1.0**	**6.40**	**0.2**	**0.003**
STD DEV (GEOM *)						**0***	**15***			**9.3**	**1.8**	**0.1<A**	**0.015**
# SAMPLES (IN STATISTICS)						2	7			10	10	8	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 26 1230		.3	1		0.018								
81 02 16 1135		.3	1		0.028								
81 03 23 1125		.3	1		0.004								
81 04 21 1200		.3	1	0.001<W	0.006	0.20	0.001<W	0.170	0.170	0.177	0.194	0.371	46
81 05 26 1315		.3	1	0.002	0.016	0.24	0.001	0.120	0.120	0.137	0.224	0.361	47
81 07 04 1110		.3	1	0.001	0.004	0.20	0.001	0.005<T	0.005	0.010	0.196	0.206	42
81 07 07 1250		.3	1	0.002	0.040	0.22	0.001	0.060	0.060	0.101	0.180	0.281	42
81 09 08 1215		.3	1	0.002	0.026	0.23	0.001	0.010	0.010	0.037	0.204	0.241	42
81 10 20 1115		.3	1	0.040	0.016	0.20	0.001	0.145	0.145	0.162	0.184	0.346	44
81 11 30 1205		.3	1	0.001	0.014	0.21	0.001<T	0.125	0.125	0.140	0.196	0.336	41
81 12 22 1150		.3	1		0.018	0.24					0.222		
MAXIMUM				**0.040**	**0.040**	**0.24**	**0.001**	**0.170**	**0.170**	**0.177**	**0.224**	**0.371**	**47**
ARITH MEAN				**0.007<A**	**0.017**	**0.22**	**0.001<A**	**0.091<A**	**0.091**	**0.109**	**0.200**	**0.306**	**43**
GEOM MEAN				**0.002<A**	**0.014**	**0.22**	**0.001<A**	**0.053<A**	**0.053**	**0.080**	**0.199**	**0.300**	**43**
MINIMUM				**0.001**	**0.004**	**0.20**	**0.001**	**0.005**	**0.005**	**0.010**	**0.180**	**0.206**	**41**
STD DEV (GEOM *)				**0.015<A**	**0.011**	**0.02**	**0.000<A**	**0.066<A**	**0.066**	**0.064**	**0.016**	**0.064**	**2**
# SAMPLES (IN STATISTICS)				7	11	8	7	7	7	7	8	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
81 01 26 1230		.3	1		62.0			9.500	18.0	7.52	6.4		
81 02 16 1135		.3	1		60.0			8.500	18.0	6.82	6.7		
81 03 23 1125		.3	1		66.0			19.500	18.0	6.90	6.4		
81 04 21 1200		.3	1	46	70	2.30	1.95	9.5	22	7.60	6.20		
81 05 26 1315		.3	1	46	70	0.73	1.85	9.0	21	7.73			
81 07 04 1110		.3	1	42	64	0.44		10.0	19	7.81			
81 07 07 1250		.3	1	42	70	0.60	1.85	8.0	20	7.92	6.80		
81 09 08 1215		.3	1	41	62	0.74	1.80	10.0	17	7.81	5.90		
81 10 20 1115		.3	1	43	66	0.31	1.60	9.5	19	7.17			
81 11 30 1205		.3	1	41	63	0.66	1.75	9.5	21	7.31	6.40		
81 12 22 1150		.3	1		64	0.89	1.80	9.5	15	7.51	6.90	1<T	0.04
MAXIMUM				**46**	**70**	**2.30**	**1.95**	**19.500**	**22**	**7.92**	**6.90**	**1**	**0.04**
ARITH MEAN				**43**	**65**	**0.83**	**1.80**	**10.2**	**18**	**7.46**	**6.4**	**1<A**	**0.04**
GEOM MEAN				**43**	**65**	**0.70**	**1.80**	**9.9**	**18**	**7.46**	**6.4**		
MINIMUM				**41**	**60.0**	**0.31**	**1.60**	**8.0**	**15**	**6.82**	**5.90**	**1**	**0.04**
STD DEV (GEOM *)				**2**	**3**	**0.62**	**0.11**	**3.1**	**2**	**0.37**	**0.3**		
# SAMPLES (IN STATISTICS)				7	11	8	7	11	11	11	8	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 11 30 1205		.3	1	0.001<	0.022	0.0010<				0.0010
81 12 22 1150		.3	1	0.001<			0.003	0.003<	0.002	0.002
MAXIMUM					**0.022**		**0.003**		**0.002**	**0.002**
ARITH MEAN					**0.022**		**0.003**		**0.002**	**0.001**
GEOM MEAN										**0.001**
MINIMUM					**0.022**		**0.003**		**0.002**	**0.0010**
STD DEV (GEOM *)										**0.000**
# SAMPLES (IN STATISTICS)					1		1		1	2

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **DRAG RIVER**
SAMPLE POINT: **AT HIGHWAY NO.519**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-033-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0686850.0 4977550.0 4** REGION: **03** DISTANCE: **316.871**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 26 1135	.3	1		30289	6	32C	1520	2	2<	2.0	10.4		0.008
81 02 16 1210	.3	1		30212	6					1.5	11.4		0.009
81 03 23 1155	.3	1		30219	6					3.0	11.8		0.014
81 04 21 1225	.3	1		30226	6	4<	20	4<	4	5.0	11.40	0.4	0.009
81 05 26 1410	.3	1		30233	6	4<	9600	4<	4<	16.5	9.20	0.6	0.016
81 07 04 0930	.3	1		30246		1390A	19000	4<	4<	22.5	7.30	0.4	0.007
81 07 07 1155	.3	1		30237	6	10<	1900	4<	4<	24.0		0.4	0.010
81 09 08 1235	.3	1		30253	6					20.0	6.40	0.2	0.009
81 10 20 1230	.3	1		30260		450	1200	4	8	8.0	8.00	0.0	0.098
81 11 30 1305	.3	1		30267	6	130	170	4<	4<	3.0	11.00	1.2	0.014
81 12 22 1240	.3	1		30274	6	10<	10<	4<	4<	1.5	12.00	0.6	0.020
MAXIMUM						**1390**	**19000**	**4**	**8**	**24.0**	**12.00**	**1.2**	**0.098**
ARITH MEAN						**500**	**4773**	**3**	**6**	**9.7**	**9.8**	**0.5**	**0.019**
GEOM MEAN						**226**	**1115**	**3**	**6**	**5.9**	**9.6**	**0.5**	**0.013**
MINIMUM						**32**	**20**	**2**	**4**	**1.5**	**6.40**	**0.2**	**0.007**
STD DEV (GEOM *)						5*	10*	2*	2*	9.1	2.0	0.3	**0.026**
# SAMPLES (IN STATISTICS)						**4**	7	**2**	**2**	**11**	**10**	7	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 26 1135	.3	1			0.010								
81 02 16 1210	.3	1			0.006								
81 03 23 1155	.3	1			0.006								
81 04 21 1225	.3	1		0.001<W	0.012	0.27	0.001<W	0.165	0.165	0.178	0.258	0.436	53
81 05 26 1410	.3	1		0.006	0.034	0.31	0.044	0.085	0.130	0.163	0.276	0.439	53
81 07 04 0930	.3	1		0.001<T	0.004	0.25	0.001<T	0.005<T	0.005	0.010	0.246	0.256	56
81 07 07 1155	.3	1		0.001	0.036	0.29	0.001	0.005<T	0.005<T	0.042	0.254	0.296	53
81 09 08 1235	.3	1		0.002	0.018	0.33	0.001<T	0.010	0.010	0.029	0.312	0.341	56
81 10 20 1230	.3	1		0.081	0.024	0.25	0.001	0.020	0.020	0.045	0.226	0.271	58
81 11 30 1305	.3	1		0.005	0.026	0.30	0.001<T	0.045	0.045	0.072	0.274	0.346	56
81 12 22 1240	.3	1		0.007	0.048	0.26	0.001	0.075	0.075	0.124	0.212	0.336	55
MAXIMUM				**0.081**	**0.048**	**0.33**	**0.044**	**0.165**	**0.165**	**0.178**	**0.312**	**0.439**	**58**
ARITH MEAN				**0.013<A**	**0.020**	**0.28**	**0.006<A**	**0.051<A**	**0.057<A**	**0.089**	**0.258**	**0.346**	**55**
GEOM MEAN				**0.004<A**	**0.015**	**0.28**	**0.002<A**	**0.026<A**	**0.028<A**	**0.062**	**0.256**	**0.340**	**55**
MINIMUM				**0.001**	**0.004**	**0.25**	**0.001**	**0.005**	**0.005**	**0.010**	**0.212**	**0.256**	**53**
STD DEV (GEOM *)				**0.028<A**	**0.015**	**0.03**	**0.015<A**	**0.056<A**	**0.061<A**	**0.067**	**0.034**	**0.071**	**2**
# SAMPLES (IN STATISTICS)				**8**	11	**8**	**8**	**8**	**8**	7	7	7	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*ASUT*	*ALUT*
81 01 26 1135	.3	1			84.0			10.500	25.0	7.33	6.6		
81 02 16 1210	.3	1			82.0			9.500	24.0	6.78	6.5		
81 03 23 1155	.3	1			82.0			10.500	26.0	6.89	6.4		
81 04 21 1225	.3	1		52	80	2.00	3.30	10.0	24	7.70	6.40		
81 05 26 1410	.3	1		52	80	0.49	3.15	9.0	25	7.73			
81 07 04 0930	.3	1		55	84	0.69		10.5	29	7.65			
81 07 07 1155	.3	1		53	82	0.65	3.45	8.5	25	7.67	6.90		
81 09 08 1235	.3	1		55	84	0.55	3.50	10.0	26	7.62	6.10		
81 10 20 1230	.3	1		56	86	0.74	3.20	10.0	26	7.30			
81 11 30 1305	.3	1		55	84	0.57	3.50	10.0	25	7.59	6.50	0.001<	0.031
81 12 22 1240	.3	1		55	85	0.53	3.55	10.5	24	7.77	6.40		
MAXIMUM				**56**	**86**	**2.00**	**3.55**	**10.500**	**29**	**7.77**	**6.90**		**0.031**
ARITH MEAN				**54**	**83**	**0.78**	**3.38**	**9.9**	**25**	**7.46**	**6.4**		**0.031**
GEOM MEAN				**54**	**83**	**0.69**	**3.38**	**9.8**	**25**	**7.45**	**6.4**		
MINIMUM				**52**	**80**	**0.49**	**3.15**	**8.5**	**24.0**	**6.78**	**6.10**		**0.031**
STD DEV (GEOM *)				**2**	1	**0.50**	**0.16**	**0.6**	1	**0.34**	**0.2**		
# SAMPLES (IN STATISTICS)				**8**	11	**8**	7	11	11	11	**8**		1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CRUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 11 30 1305	.3	1		0.0010<				0.0010
81 12 22 1240	.3	1			0.002	0.003<	0.003	
MAXIMUM					**0.002**		**0.003**	**0.0010**
ARITH MEAN					**0.002**		**0.003**	**0.0010**
GEOM MEAN								
MINIMUM					**0.002**		**0.003**	**0.0010**
STD DEV (GEOM *)								
# SAMPLES (IN STATISTICS)					1		1	1

B.O.W./ SITE: **TWELVE MILE LAKE OUTLET**
SAMPLE POINT: **AT HIGHWAY NO.35**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-035-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0681050.0 4985525.0 4** REGION: **03** DISTANCE: **318.480**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 26 1345		.3	1	30285	6	4	32	2<	2<	6.1	13.0		0.004
81 02 16 1025		.3	1	30208	6					1.0	11.8		0.006
81 03 23 0950		.3	1	30215	6					2.0	11.6		0.013
81 04 21 1050		.3	1	30222	6	4<	100	4<	4<	5.0	11.20	0.2<T	0.010
81 05 26 1205		.3	1	30229	6	10<	10<	4<	4<	16.0	10.00	0.4	0.018
81 07 04 0830		.3	1	30242		330A	15000	4<	4<	23.5	8.50	0.2	0.003
81 07 07 1435		.3	1	30241		220A	6000	52	44	25.5		0.4	0.010
81 09 08 1035		.3	1	30249	6	6300	18000	4<	4<	19.5	7.80	0.2<T	0.007
81 10 20 1015		.3	1	30256		270	380	160	4<	10.0	9.40	0.6	0.138
81 11 30 1050		.3	1	30263	6	10<	20A	4<	4<	3.0	11.00	0.4	0.012
81 12 22 1015		.3	1	30270	6	10<	20A	4<	4<	2.5	11.60	0.4	0.015
MAXIMUM						**6300**	**18000**	**160**	**44**	**25.5**	**13.0**	**0.6**	**0.138**
ARITH MEAN						**1425**	**4944**	**106**	**44**	**10.4**	**10.5**	**0.3<A**	**0.021**
GEOM MEAN						**218**	**409**	**91**		**6.5**	**10.4**	**0.3<A**	**0.011**
MINIMUM						**4**	**20**	**52**	**44**	**1.0**	**7.80**	**0.2**	**0.003**
STD DEV (GEOM *)						**14***	**19***	**2***		**9.2**	**1.6**	**0.1<A**	**0.039**
# SAMPLES (IN STATISTICS)						**5**	**8**	**2**	**1**	**11**	**10**	**8**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	KJELDAHL ORGANIC UNF.REAC MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
81 01 26 1345		.3	1	0.024			52.0			9.500	12.0	6.94	6.1
81 02 16 1025		.3	1	0.032			54.0			4.500	12.0	6.98	6.6
81 03 23 0950		.3	1	0.026			54.0			10.000	17.0	6.69	6.7
81 04 21 1050		.3	1	0.014	0.20	0.186	53	2.00	1.55	9.0	12	7.47	6.10
81 05 26 1205		.3	1	0.092	0.40	0.308	56	0.58	1.95	9.0	14	7.51	
81 07 04 0830		.3	1	0.004	0.20	0.196	53	0.57	1.55	9.5	13	7.71	
81 07 07 1435		.3	1	0.064	0.34	0.276	56	0.65	1.75	8.5	13	7.60	6.70
81 09 08 1035		.3	1	0.030	0.23	0.200	51	0.57	1.40	8.5	13	7.36	6.20
81 10 20 1015		.3	1	0.016	0.21	0.194	53	0.62	1.30	10.5	13	7.25	
81 11 30 1050		.3	1	0.008	0.21	0.202	50	0.59	1.45	9.5	12	7.25	6.80
81 12 22 1015		.3	1	0.016	0.20	0.184	52	0.44	1.40	9.5	12	7.36	6.60
MAXIMUM				**0.092**	**0.40**	**0.308**	**56**	**2.00**	**1.95**	**10.5**	**17.0**	**7.71**	**6.80**
ARITH MEAN				**0.030**	**0.25**	**0.218**	**53**	**0.75**	**1.54**	**8.9**	**13**	**7.28**	**6.4**
GEOM MEAN				**0.021**	**0.24**	**0.214**	**53**	**0.67**	**1.53**	**8.7**	**12**	**7.28**	**6.4**
MINIMUM				**0.004**	**0.20**	**0.184**	**50**	**0.44**	**1.30**	**4.500**	**12.0**	**6.69**	**6.1**
STD DEV (GEOM *)				**0.026**	**0.08**	**0.047**	**1**	**0.51**	**0.21**	**1.5**	**1**	**0.31**	**0.2**
# SAMPLES (IN STATISTICS)				**11**	**8**	**8**	**11**	**8**	**8**	**11**	**11**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 11 30 1050		.3	1		0.04	0.001<	0.021	0.0010<	0.002	0.003<	0.003	0.0010
81 12 22 1015		.3	1	1<T	0.04	0.001<			0.002	0.003<	0.003	0.001
MAXIMUM				**1**	**0.04**		**0.021**		**0.002**		**0.003**	**0.001**
ARITH MEAN				**1<A**	**0.04**		**0.021**		**0.002**		**0.003**	**0.001**
GEOM MEAN					**0.04**				**0.002**		**0.003**	**0.001**
MINIMUM				**1**	**0.04**		**0.021**		**0.002**		**0.003**	**0.0010**
STD DEV (GEOM *)					**0.00**				**0.000**		**0.000**	**0.000**
# SAMPLES (IN STATISTICS)				**1**	**2**		**1**		**2**		**2**	**2**

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **HIGHWAY 35 NORTH OF CARNARVON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-036-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0679800.0 4993100.0 4** REGION: **03** DISTANCE: **327.171**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 26 0945		.3	1	30284	6	60C	9600	2<	2<	1.0	10.4		0.002
81 02 16 0950		.3	1	30207	6					0.5			0.007
81 03 23 0940		.3	1	30214	6					1.5	10.8		0.012
81 04 21 1030		.3	1	30221	6	30A	50A	4	4<	5.0	11.20	0.2<T	0.014
81 05 26 1150		.3	1	30228	6	10<	10<	4<	4<	16.5	8.40	0.4	0.008
81 07 04 0830		.3	1	30241	6	100A	49000	4<	4<	22.0	9.00	0.4	0.006
81 07 07 0950		.3	1	30235	6	10<	10500	4<	4<	23.5		0.4	0.007
81 09 08 1010		.3	1	30248	6	170000A	7100001	4<	4	20.0	6.40	0.4	0.008
81 10 20 1005		.3	1	30255		60A	220	10<	10<	9.0	8.60	0.4	0.147
81 11 30 1030		.3	1	30262	6	60A	170	4<	4<	3.0	10.60	0.4	0.014
81 12 22 1000		.3	1	30269	6	10A	310	4<	4<	2.5	11.00	0.2<T	0.021
MAXIMUM						**170000**	**7100001**	**4**	**4**	**23.5**	**11.20**	**0.4**	**0.147**
ARITH MEAN						**24331**	**896231**	**4**	**4**	**9.5**	**9.6**	**0.3<A**	**0.022**
GEOM MEAN						**141**	**3456**			**4.9**	**9.4**	**0.3<A**	**0.011**
MINIMUM						**10**	**50**	**4**	**4**	**0.5**	**6.40**	**0.2**	**0.002**
STD DEV (GEOM *)						**25***	**51***			**9.2**	**1.6**	**0.1<A**	**0.042**
# SAMPLES (IN STATISTICS)						**7**	**8**	**1**	**1**	**11**	**9**	**8**	**11**

(CONTD)

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **HIGHWAY 35 NORTH OF CARNARVON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-036-02**
STORET CODE: **02 004 1220**

LAT: LONG. U.T.M: **17 0679800.0 4993100.0 4** REGION: **03** DISTANCE: **327.171**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 26 0945	3	1	0.036			60.0			10.500	15.0	7.12	6.5
81 02 16 0950	3	1	0.062			62.0			4.500	18.0	7.18	6.7
81 03 23 0940	3	1	0.036			60.0			10.500	16.0	6.77	6.8
81 04 21 1030	3	1	0.030	0.22	0.190	66	1.90	1.50	10.0	18	7.56	6.00
81 05 26 1150	3	1	0.022	0.19	0.168	62	0.61	1.50	10.0	18	7.65	
81 07 04 0830	3	1	0.004	0.23	0.226	66	0.69	1.30	10.0	20	7.87	
81 07 07 0950	3	1	0.004	0.21	0.206	66	0.68	1.450	9.0	19	7.92	6.70
81 09 08 1010	3	1	0.076	0.25	0.174	62	0.46	1.20	9.0	20	7.23	6.00
81 10 20 1005	3	1	0.020	0.25	0.230	62	0.63	1.15	10.5	22	7.10	
81 11 30 1030	3	1	0.012	0.24	0.228	58	0.83	1.10	10.0	16	7.31	6.30
81 12 22 1000	3	1	0.046	0.29	0.244	60	0.65	1.95	10.5	17	7.31	6.40
MAXIMUM			**0.076**	**0.29**	**0.244**	**66**	**1.90**	**1.95**	**10.500**	**22**	**7.92**	**6.8**
ARITH MEAN			**0.032**	**0.23**	**0.208**	**62**	**0.81**	**1.39**	**9.5**	**18**	**7.37**	**6.4**
GEOM MEAN			**0.022**	**0.23**	**0.207**	**62**	**0.73**	**1.37**	**9.2**	**18**	**7.36**	**6.4**
MINIMUM			**0.004**	**0.19**	**0.168**	**58**	**0.46**	**1.10**	**4.500**	**15.0**	**6.77**	**6.00**
STD DEV (GEOM *)			**0.023**	**0.03**	**0.028**	**2**	**0.45**	**0.27**	**1.7**	**2**	**0.35**	**0.3**
# SAMPLES (IN STATISTICS)			11	8	8	11	8	8	11	11	11	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 11 30 1030	.3	1		0.07	0.001<	0.020	0.0010<	0.002	0.006	0.005	0.0010	
81 12 22 1000	.3	1	1<T	0.08	0.001<			0.004	0.003<	0.004	0.002	
MAXIMUM			1	**0.08**		**0.020**		**0.004**	**0.006**	**0.005**	**0.002**	
ARITH MEAN			1<A	**0.07**		**0.020**		**0.003**	**0.006**	**0.004**	**0.001**	
GEOM MEAN				**0.07**				**0.003**		**0.004**	**0.001**	
MINIMUM			1	**0.07**		**0.020**		**0.002**	**0.006**	**0.004**	**0.0010**	
STD DEV (GEOM *)				**0.01**				**0.001**		**0.001**	**0.000**	
# SAMPLES (IN STATISTICS)			1	2		1		2	1	2	2	

B.O.W./ SITE: **HEAD LAKE OUTLET**
SAMPLE POINT: **HIGHWAY 121 HALIBURTON**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-037-02**
STORET CODE: **02 004 1220**

LAT: LONG. U.T.M: **17 0694950.0 4990750.0 4** REGION: **03** DISTANCE: **334.573**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 26 1105	.3	1	30290	6	52C	1480	2<	2<	1.0	12.0	0.4	0.009
81 02 16 1245	.3	1	30213	6					2.0	11.4	0.5	0.008
81 03 23 1235	.3	1	30220	6					2.0	11.6	0.2	0.013
81 04 21 1305	.3	1	30227	6	10<	90A	4<	4<	7.0	11.40	0.2	0.009
81 05 26 1445	.3	1	30234	6	2400A	68000	4<	4<	17.5	8.80	0.4	0.014
81 07 04 0900	.3	1	30247		1200A	200000	4<	4<	22.5	7.00	0.4	0.009
81 07 07 1120	.3	1	30236	6	1100A	30000>	4<	4			0.6	0.011
81 09 08 1300	.3	1	30254	6	250000	2900000	4	4<	19.5	6.00	0.4	0.011
81 10 20 1250	.3	1	30261		13000	57000	4<	8	9.0	9.20	0.2	0.023
81 11 30 1335	.3	1	30268	6	240	320	4	4<	3.0	11.60	1.6	0.013
81 12 22 1310	.3	1	30275	6	50A	230	4<	4<	2.0	12.00	0.4	0.015
MAXIMUM					**250000**	**2900000**	**4**	**8**	**22.5**	**12.0**	**1.6**	**0.023**
ARITH MEAN					**33505**	**403390**	**4**	**6**	**8.5**	**10.1**	**0.5**	**0.012**
GEOM MEAN					**1262**	**8277**	**4**	**6**	**5.1**	**9.8**	**0.4**	**0.012**
MINIMUM					**50**	**90**	**4**	**4**	**1.0**	**6.00**	**0.2**	**0.008**
STD DEV (GEOM *)					**17***	**43***	**0***	**2***	**8.3**	**2.2**	**0.4**	**0.004**
# SAMPLES (IN STATISTICS)					**8**	**8**	**2**	**2**	**10**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 26 1105	.3	1		0.044	0.280						0.236		48.00
81 02 16 1245	.3	1	0.001	0.058	0.250	0.002	0.178			0.238	0.192	0.430	55.00
81 03 23 1235	.3	1	0.003	0.038	0.290	0.001	0.230			0.269	0.252	0.521	45.00
81 04 21 1305	.3	1	0.002		0.22	0.014	0.145	0.160				0.379	48
81 05 26 1445	.3	1	0.002	0.014	0.28	0.001	0.060	0.060		0.075	0.266	0.341	45
81 07 04 0900	.3	1	0.001	0.006	0.22	0.001<T	0.005<T	0.005		0.012	0.214	0.226	46
81 07 07 1120	.3	1	0.002	0.042	0.30	0.001	0.005<T	0.005<T		0.048	0.258	0.306	51
81 09 08 1300	.3	1	0.002	0.056	0.28	0.001<T	0.015	0.015		0.072	0.224	0.296	51
81 10 20 1250	.3	1	0.007	0.024	0.28	0.001	0.035	0.035		0.060	0.256	0.316	49
81 11 30 1335	.3	1	0.002	0.016	0.26	0.001<T	0.075	0.075		0.092	0.244	0.336	48
81 12 22 1310	.3	1		0.022	0.24						0.218		
MAXIMUM			**0.007**	**0.058**	**0.30**	**0.014**	**0.230**	**0.160**		**0.269**	**0.286**	**0.521**	**55.00**
ARITH MEAN			**0.002**	**0.032**	**0.26**	**0.003<A**	**0.083<A**	**0.051<A**		**0.117**	**0.234**	**0.356**	**48**
GEOM MEAN			**0.002**	**0.026**	**0.26**	**0.001<A**	**0.041<A**	**0.027<A**		**0.081**	**0.232**	**0.346**	**48**
MINIMUM			**0.001**	**0.006**	**0.22**	**0.001**	**0.005**	**0.005**		**0.012**	**0.192**	**0.226**	**45.00**
STD DEV (GEOM *)			**0.002**	**0.018**	**0.02**	**0.004<A**	**0.082<A**	**0.055<A**		**0.097**	**0.024**	**0.089**	**3**
# SAMPLES (IN STATISTICS)			9	10	11	9	9	7		7	9	8	10

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH
81 01 26 1105		.3	1	0.10<	48.000	74.0		2.100	10.500	2.330	22.0	7.31	6.7
81 02 16 1245		.3	1	2.00	53.000	82.0		2.950	9.000	2.130	24.0	6.94	6.7
81 03 23 1235		.3	1	0.80	44.000	68.0		2.150	10.000	2.310	19.0	6.93	6.4
81 04 21 1305		.3	1		47	72	4.80	2.40	10.0		20	7.50	6.35
81 05 26 1445		.3	1		44	68	0.63	1.75	9.0		22	7.66	
81 07 04 0900		.3	1		46	70	0.48	1.50	9.0		25	7.65	
81 07 07 1120		.3	1		51	78	0.85	3.05	8.0		24	7.63	6.80
81 09 08 1300		.3	1		50	76	0.94	2.50	8.5		26	7.41	6.60
81 10 20 1250		.3	1		48	74	0.65	2.45	9.5		22	7.44	
81 11 30 1335		.3	1		48	74	1.27	2.25	10.5		25	7.32	6.30
81 12 22 1310		.3	1			71	0.61	1.80	10.0		19	7.36	6.30
	MAXIMUM			**2.00**	**53.000**	**82.0**	**4.80**	**3.05**	**10.500**	**2.330**	**26**	**7.66**	**6.80**
	ARITH MEAN			**1.40**	**47**	**73**	**1.28**	**2.26**	**9.4**	**2.257**	**22**	**7.38**	**6.5**
	GEOM MEAN			**1.26**	**47**	**73**	**0.93**	**2.21**	**9.4**	**2.255**	**22**	**7.37**	**6.5**
	MINIMUM			**0.80**	**44.000**	**68.0**	**0.48**	**1.50**	**8.0**	**2.130**	**19.0**	**6.93**	**6.30**
	STD DEV (GEOM *)			**0.85**	**2**	**4**	**1.44**	**0.48**	**0.8**	**0.110**	**2**	**0.25**	**0.2**
	# SAMPLES (IN STATISTICS)			**2**	**10**	**11**	**8**	**11**	**11**	**3**	**11**	**11**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			PHNOL	FEUT	ASUT	ALUT	CRUT	CUUT	PBUT	ZNUT	NIUT
81 11 30 1335		.3	1			0.001<	0.034	0.0010<				0.0010
81 12 22 1310		.3	1	1<T	0.07	0.001<			0.002	0.003<	0.002	0.001
	MAXIMUM			**1**	**0.07**		**0.034**		**0.002**		**0.002**	**0.001**
	ARITH MEAN			**1<A**	**0.07**		**0.034**		**0.002**		**0.002**	**0.001**
	GEOM MEAN											**0.001**
	MINIMUM			**1**	**0.07**		**0.034**		**0.002**		**0.002**	**0.0010**
	STD DEV (GEOM *)											**0.000**
	# SAMPLES (IN STATISTICS)			**1**	**1**		**1**		**1**		**1**	**2**

B.O.W./ SITE: **JACKSON CREEK**
SAMPLE POINT: **DALHOUSIE STREET PETERBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HJ001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-038-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M.: **17 0713750.0 4908325.0 4** REGION: **03** DISTANCE: **145.159**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5
81 01 14 1608		.3	1	31038	6	0.250					0.0	14.0	1.0
81 02 18 1700		.3	1	31091	6	3.350	11100C	50000	600	1500	1.0	12.3	4.6
81 03 25 1755		.3	1	31060	6	0.607	100	1100	10<		7.0	11.20	
81 04 29 1520		.3	1	31136	6 8 0	0.889	470	3000>	92	32	12.8	11.50	0.8
81 05 27 1725		.3	1	31198	6 8	0.335	13000A	650000	168	600>	19.8	10.40	1.8
81 06 17 1545		.3	1	31252	6 8	1.490	1700A	39000	540	330	22.1	9.60	0.8
81 07 30 1018		.3	1	31320	6 8	0.218	12000	15000>	1000	710	17.2	10.60	0.8
81 08 21 0710		.3	1	31393	8	0.207	2600	17000	240	190	15.5	10.60	1.2
81 09 16 1525		.3	1	31442	8	0.664	5800A	55000	390	240	16.8	13.20	1.2
81 10 28 1708		.3	1	31503	8	2.870	3700A	36000	160	380	9.8	13.00	
81 11 25 1510		.3	1	31565	8	2.210	500	2800	10<	40A	1.5	13.80	
81 12 09 1500		.3	1	31609	8	0.505	1200	3100	690	220	0.0	14.40	
	MAXIMUM					**3.350**	**13000**	**650000**	**1000**	**1500**	**22.1**	**14.40**	**4.6**
	ARITH MEAN					**1.133**	**4743**	**94889**	**431**	**405**	**12.3**	**12.0**	**1.5**
	GEOM MEAN					**0.727**	**2154**	**19498**	**334**	**229**	**8.7**	**11.9**	**1.3**
	MINIMUM					**0.207**	**100**	**1100**	**92**	**32**	**1.0**	**9.60**	**0.8**
	STD DEV (GEOM *)					**1.099**	**5***	**7***	**2***	**3***	**7.3**	**1.6**	**1.3**
	# SAMPLES (IN STATISTICS)					**12**	**11**	**9**	**9**	**9**	**10**	**12**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
	TEST-NAME:			PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI
81 01 14 1608		.3	1	0.033	0.016	0.326	0.920	0.012	0.503		0.841	0.594	1.435
81 02 18 1700		.3	1	0.200	0.036	0.312	1.300	0.025	0.720		1.057	0.988	2.045
81 03 25 1755		.3	1	0.097									
81 04 29 1520		.3	1	0.025	0.006	0.024	0.64	0.004	0.045	0.050	0.073	0.616	0.689
81 05 27 1725		.3	1	0.060	0.034	0.060	0.85	0.056	0.145	0.200	0.261	0.790	1.051
81 06 17 1545		.3	1	0.122	0.054	0.010	1.12	0.003	0.230	0.235	0.243	1.110	1.353
81 07 30 1018		.3	1	0.048	0.023	0.036	0.62	0.008	0.165	0.175	0.209	0.584	0.793
81 08 21 0710		.3	1	0.128	0.102	0.004	0.70	0.002	0.190	0.190	0.196	0.696	0.892
81 09 16 1525		.3	1	0.060	0.031	0.024	0.98	0.012	0.060	0.070	0.096	0.956	1.052
81 10 28 1708		.3	1	0.052									
81 11 25 1510		.3	1	0.022									
81 12 09 1500		.3	1	0.022									
	MAXIMUM			**0.200**	**0.102**	**0.326**	**1.300**	**0.056**	**0.720**	**0.235**	**1.057**	**1.110**	**2.045**
	ARITH MEAN			**0.072**	**0.038**	**0.099**	**0.89**	**0.015**	**0.257**	**0.153**	**0.372**	**0.792**	**1.164**
	GEOM MEAN			**0.057**	**0.029**	**0.039**	**0.86**	**0.009**	**0.178**	**0.133**	**0.252**	**0.770**	**1.100**
	MINIMUM			**0.022**	**0.006**	**0.004**	**0.62**	**0.002**	**0.045**	**0.050**	**0.073**	**0.584**	**0.689**
	STD DEV (GEOM *)			**0.054**	**0.030**	**0.137**	**0.24**	**0.018**	**0.234**	**0.075**	**0.367**	**0.203**	**0.439**
	# SAMPLES (IN STATISTICS)			**12**	**8**	**8**	**8**	**8**	**8**	**6**	**8**	**8**	**8**

(CONTD)

B.O.W./ SITE: **JACKSON CREEK**
SAMPLE POINT: **DALHOUSIE STREET PETERBOROUGH**
STATION TYPE: **RIVER FLOW GAUGE FED 02HJ001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-038-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0713750.0 4908325.0 4** REGION: **03** DISTANCE: **145.159**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 01 14 1608		.3	1	385.0	5.0		580.0	1.20	22.000		7.94	8.3	
81 02 18 1700		.3	1	310.0	52.0		415.0	9.70	40.500		7.51	7.6	
81 03 25 1755		.3	1		2		465	1.40	17.50	216		9.00	1<T
81 04 29 1520		.3	1	282		276	430	1.00	18.00	192	8.46	7.50	
81 05 27 1725		.3	1	133		130	200	1.00		194	8.41	8.00	
81 06 17 1545		.3	1	246		228	350	4.30	12.50	157	8.21	8.50	
81 07 30 1018		.3	1			260	400	0.74		185	8.32	8.05	
81 08 21 0710		.3	1	284		275	430	0.62	14.00	208	8.19	8.00	
81 09 16 1525		.3	1				470	0.68	16.00	230	8.53	8.30	1<T
81 10 28 1708		.3	1		10.0		450	3.30	20.50	200		7.50	1<T
81 11 25 1510		.3	1		2.0		445	1.38	17.50	212		7.60	1<T
81 12 09 1500		.3	1		1.1		540	1.49	23.50	251		7.90	1<T
MAXIMUM				**385.0**	**52.0**	**276**	**580.0**	**9.70**	**40.500**	**251**	**8.53**	**9.00**	**1**
ARITH MEAN				**273**	**12**	**234**	**431**	**2.23**	**20.20**	**204**	**8.20**	**8.0**	**1<A**
GEOM MEAN				**260**	**4**	**226**	**419**	**1.52**	**19.14**	**203**	**8.19**	**8.0**	**1<A**
MINIMUM				**133**	**1.1**	**130**	**200**	**0.62**	**12.50**	**157**	**7.51**	**7.50**	**1**
STD DEV (GEOM *)				**83**	**19**	**61**	**94**	**2.60**	**7.89**	**26**	**0.33**	**0.4**	**0<A**
# SAMPLES (IN STATISTICS)				**6**	**6**	**5**	**12**	**12**	**10**	**10**	**8**	**12**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 25 1755		.3	1	0.14	0.039	0.002	0.003<	0.006	0.002 <
81 09 16 1525		.3	1	0.19					
81 10 28 1708		.3	1	0.37	0.0020<	0.013	0.005	0.011	0.0020<
81 11 25 1510		.3	1	0.12	0.0060	0.010	0.005	0.007	0.0020
81 12 09 1500		.3	1	0.16	0.003	0.004	0.006	0.006	0.001
MAXIMUM				**0.37**	**0.039**	**0.013**	**0.006**	**0.011**	**0.0020**
ARITH MEAN				**0.20**	**0.016**	**0.007**	**0.005**	**0.007**	**0.001**
GEOM MEAN				**0.18**	**0.008**	**0.006**	**0.005**	**0.007**	**0.001**
MINIMUM				**0.12**	**0.003**	**0.002**	**0.005**	**0.006**	**0.001**
STD DEV (GEOM *)				**0.10**	**0.020**	**0.005**	**0.001**	**0.002**	**0.000**
# SAMPLES (IN STATISTICS)				**5**	**3**	**4**	**3**	**4**	**2**

B.O.W./ SITE: **NONQUON RIVER**
SAMPLE POINT: **AT COUNTY ROAD NO 2 SEAGRAVE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-040-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0663850.0 4895950.0 4** REGION: **03** DISTANCE: **290.479**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 22 1445		.3	1	32028	4	220	3000	8	68	0.0	5.5	1.2	0.108
81 03 25 1330		.3	1	32125	8	360	0	30A	10<	5.6	9.40	1.0	0.039
81 04 23 1300		.3	1	32173	8	110	3000>	8	56	7.4	7.70	0.6	0.041
81 05 27 1430		.3	1	32222	9	510A	6300	44	12			2.0	0.121
81 06 24 1100		.3	1	32265	5 8	700A	28000	150	90A	14.8	5.80	1.0	0.092
81 07 22 1400		.3	1	32302	7 9	2600A	57000	96	68	22.4	6.90	0.8	0.105
81 08 19 1400		.3	1	32353	5 7 9	180A	10400	24	20	21.1	7.20	0.8	0.065
81 09 17 1720		.3	1	31455	5 7 9	60A	6600	20A	110	14.0	7.10	0.8	0.070
81 10 29 0930		.3	1	31515	8 5					6.0	8.40	0.8U	0.015
81 11 26 1550		.3	1	31578	8	40A	900	20A	20A	0.0	11.50	0.4	0.020
81 12 09 1030		.3	1	31611	4	150	1210	10<	10<	0.0	9.40	1.0	0.029
MAXIMUM						**2600**	**57000**	**150**	**110**	**22.4**	**11.50**	**2.0**	**0.121**
ARITH MEAN						**493**	**14176**	**44**	**55**	**13.0**	**7.8**	**0.9**	**0.064**
GEOM MEAN						**235**	**6225**	**28**	**43**	**11.4**	**7.7**	**0.9**	**0.052**
MINIMUM						**40**	**900**	**8**	**12**	**5.6**	**5.5**	**0.4**	**0.015**
STD DEV (GEOM *)						**3***	**4***	**3***	**2***	**7.0**	**1.8**	**0.4**	**0.038**
# SAMPLES (IN STATISTICS)						**10**	**8**	**9**	**8**	**7**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 22 1445		.3	1	0.034	0.460	1.020	0.009	0.351		0.820	0.560	1.380	384.0
81 03 25 1330		.3	1	0.008	0.158	0.67	0.005	0.445	0.450	0.608	0.512	1.120	289
81 04 23 1300		.3	1	0.012	0.038	0.64	0.008	0.060	0.070	0.106	0.602	0.708	287
81 05 27 1430		.3	1	0.047	0.028	0.99	0.002	0.265	0.265	0.295	0.962	1.257	324
81 06 24 1100		.3	1	0.031	0.004	0.90	0.002	0.165	0.165	0.171	0.896	1.067	261
81 07 22 1400		.3	1	0.047	0.044	0.90	0.036	0.005<T	0.040	0.085	0.856	0.941	273
81 08 19 1400		.3	1	0.037	0.042	0.88	0.004	0.005	0.010	0.051	0.838	0.889	261
81 09 17 1720		.3	1	0.035	0.004	0.90	0.062	0.035	0.095	0.101	0.896	0.997	
81 10 29 0930		.3	1	0.014	0.020	0.31	0.001<T	0.030	0.030	0.051	0.290	0.341	74
81 11 26 1550		.3	1	0.005	0.016	0.57	0.007	0.555	0.560	0.578	0.554	1.132	296
81 12 09 1030		.3	1	0.005	0.008	0.63	0.029	0.525	0.555	0.562	0.622	1.184	348
MAXIMUM				**0.047**	**0.460**	**1.020**	**0.062**	**0.555**	**0.560**	**0.820**	**0.962**	**1.380**	**384.0**
ARITH MEAN				**0.025**	**0.075**	**0.76**	**0.015<A**	**0.222<A**	**0.224**	**0.312**	**0.690**	**1.001**	**279**
GEOM MEAN				**0.019**	**0.027**	**0.72**	**0.007<A**	**0.090<A**	**0.117**	**0.199**	**0.655**	**0.949**	**260**
MINIMUM				**0.005**	**0.004**	**0.31**	**0.001**	**0.005**	**0.010**	**0.051**	**0.290**	**0.341**	**74**
STD DEV (GEOM *)				**0.016**	**0.135**	**0.21**	**0.019<A**	**0.216<A**	**0.220**	**0.278**	**0.212**	**0.286**	**82**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 22 1445		.3	1	18.0	366.0	600.0	6.30	22.000			7.0		
81 03 25 1330		.3	1		285	495	3.70	18.00	217	7.84	7.40		
81 04 23 1300		.3	1		281	440	1.80	19.00	199	8.29	7.50		
81 05 27 1430		.3	1		315	450	2.90	19.00	208	8.03			
81 06 24 1100		.3	1		251	450	3.80	19.50	207	7.83	7.20		
81 07 22 1400		.3	1		268	405	0.89	14.50	200	7.85	7.50		
81 08 19 1400		.3	1		259	440	1.40	14.00	211	7.84	7.20	0.005	0.003<
81 09 17 1720		.3	1			485	0.94	73.00	237	7.97	7.35		
81 10 29 0930		.3	1		73	112	1.05	3.00	72	7.83	7.50	0.047	0.004
81 11 26 1550		.3	1		292	520	1.68	22.50	227	8.15	7.70	0.006	0.005
81 12 09 1030		.3	1		343	580	3.60	23.00	188	8.51	8.35	0.006	0.008
MAXIMUM				**18.0**	**366.0**	**600.0**	**6.30**	**73.00**	**237**	**8.51**	**8.35**	**0.047**	**0.008**
ARITH MEAN				**18.0**	**273**	**452**	**2.55**	**22.50**	**197**	**8.01**	**7.4**	**0.016**	**0.006**
GEOM MEAN					**255**	**422**	**2.10**	**17.99**	**189**	**8.01**	**7.4**	**0.010**	**0.005**
MINIMUM				**18.0**	**73**	**112**	**0.89**	**3.00**	**72**	**7.83**	**7.0**	**0.005**	**0.004**
STD DEV (GEOM *)					**79**	**128**	**1.69**	**17.66**	**46**	**0.24**	**0.3**	**0.021**	**0.002**
# SAMPLES (IN STATISTICS)				**1**	**10**	**11**	**11**	**11**	**10**	**10**	**10**	**4**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 08 19 1400		.3	1	0.003
81 10 29 0930		.3	1	0.006
81 11 26 1550		.3	1	0.006
81 12 09 1030		.3	1	0.014
MAXIMUM				**0.014**
ARITH MEAN				**0.007**
GEOM MEAN				**0.006**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.005**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **SCUGOG RIVER**
SAMPLE POINT: **DOWNSTREAM FROM LINDSAY LAGOONS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-041-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0678960.0 4918125.0 4** REGION: **03** DISTANCE: **245.740**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 19 1100		.3	1	38250	4	220	1000	68	12	0.5	8.2	1.0	0.023
81 02 24 1010		.3	1	38252	4	16000	20000	24	52	0.5	9.2	0.9	0.045
81 03 23 1015		.3	1	38254		10<	80	4<	4<	4.2	12.2	1.5	0.017
81 05 26 1140		.3	1	38256	8	1200A	30000	20	4<	20.5	7.00	5.4	0.241
81 06 09 1000		.3	1	38258	8	500A	18000	8	4	19.5	6.60	1.2	0.102
81 07 29 1048		.3	1	38260	8	160A	6400	10<	10<	18.0	6.80	3.0	0.135
81 08 31 1020		.3	1	38262	8	270	24000>	20A	80A	20.0	6.40	2.4	0.075
81 09 30 1000		.3	1	38264	8	3100	16000	210	40A	10.0	9.60	1.2	0.095
81 10 30 1000		.3	1	38266	8	2100A	31000	90A	90A	6.5	10.30	2.2U	0.045
81 12 01 1100		.3	1	38268	8	1400	4800	10<	40A	1.0	12.30	1.6	0.040
MAXIMUM						**16000**	**31000**	**210**	**90**	**20.5**	**12.30**	**5.4**	**0.241**
ARITH MEAN						**2772**	**14142**	**63**	**45**	**10.1**	**8.8**	**2.0**	**0.082**
GEOM MEAN						**980**	**6181**	**37**	**31**	**5.0**	**8.6**	**1.7**	**0.061**
MINIMUM						**160**	**80**	**8**	**4**	**0.5**	**6.40**	**0.9**	**0.017**
STD DEV (GEOM *)						**4***	**7***	**3***	**3***	**8.6**	**2.2**	**1.4**	**0.067**
# SAMPLES (IN STATISTICS)						**9**	**9**	**7**	**7**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 19 1100		.3	1	0.001	0.670	1.570	0.012	0.568		1.250	0.900	2.150	285.0
81 02 24 1010		.3	1	0.005	0.158	0.770	0.025	1.280		1.463	0.612	2.075	245.0
81 03 23 1015		.3	1	0.001<	0.164	0.870	0.007	0.533		0.704	0.706	1.410	253.0
81 05 26 1140		.3	1	0.070	1.130	2.22	0.033	0.020	0.055	1.183	1.090	2.273	275
81 06 09 1000		.3	1	0.009	0.156	1.42	0.071	0.100	0.170	0.327	1.264	1.591	
81 07 29 1048		.3	1	0.024	0.006	1.48	0.047	0.030	0.475	0.083	1.474	1.557	312
81 08 31 1020		.3	1	0.007	0.008	1.62	0.002	0.785	0.785	0.795	1.612	2.407	218
81 09 30 1000		.3	1	0.001	1.570	2.58	0.035	0.185	0.220	1.790	1.010	2.800	266
81 10 30 1000		.3	1	0.004	0.004	1.00	0.082	0.050	1.300	0.136	0.996	1.132	318
81 12 01 1100		.3	1	0.001	0.500	1.42	0.006	0.810	0.815	1.316	0.920	2.236	224
MAXIMUM				**0.070**	**1.570**	**2.58**	**0.082**	**1.280**	**1.300**	**1.790**	**1.612**	**2.800**	**318**
ARITH MEAN				**0.014**	**0.437**	**1.49**	**0.032**	**0.436**	**0.546**	**0.905**	**1.058**	**1.963**	**266**
GEOM MEAN				**0.005**	**0.117**	**1.40**	**0.020**	**0.206**	**0.362**	**0.634**	**1.017**	**1.897**	**264**
MINIMUM				**0.001**	**0.004**	**0.770**	**0.002**	**0.020**	**0.055**	**0.083**	**0.612**	**1.132**	**218**
STD DEV (GEOM *)				**0.022**	**0.539**	**0.56**	**0.028**	**0.430**	**0.446**	**0.588**	**0.316**	**0.518**	**35**
# SAMPLES (IN STATISTICS)				**9**	**10**	**10**	**10**	**10**	**7**	**10**	**10**	**10**	**9**

(CONTD)

B.O.W./ SITE: **SCUGOG RIVER**
SAMPLE POINT: **DOWNSTREAM FROM LINDSAY LAGOONS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-041-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0678960.0 4918125.0 4** REGION: **03** DISTANCE: **245.740**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*	*ZNUT*
81 01 19 1100		.3	1	282.0	450.0		18.000		7.48	7.4			
81 02 24 1010		.3	1	241.000	370.0		6.650		7.68	7.8			
81 03 23 1015		.3	1	250.000	385.0		15.500		7.83	7.8			
81 05 26 1140		.3	1	257	410	6.50	15.50	171	7.54	8.00			
81 06 09 1000		.3	1			1.20	15.50		7.90	7.80			
81 07 29 1048		.3	1	294	450	2.20	29.00	144	7.56	8.20			
81 08 31 1020		.3	1	202	310	4.80	17.00	102	7.66	7.80			
81 09 30 1000		.3	1	254	390	6.20	22.00	113	8.00	7.90	0.008	0.003<	0.004
81 10 30 1000		.3	1	309	450	4.30	17.50	185	7.89	7.70	0.009	0.007	0.006
81 12 01 1100		.3	1	218	410	3.70	17.50	165	7.96	7.90	0.010	0.006	0.004
MAXIMUM				**309**	**450.0**	**6.50**	**29.00**	**185**	**8.00**	**8.20**	**0.010**	**0.007**	**0.006**
ARITH MEAN				**256**	**402**	**4.13**	**17.41**	**147**	**7.75**	**7.8**	**0.009**	**0.006**	**0.005**
GEOM MEAN				**254**	**400**	**3.62**	**16.48**	**143**	**7.75**	**7.8**	**0.009**	**0.006**	**0.005**
MINIMUM				**202**	**310**	**1.20**	**6.650**	**102**	**7.48**	**7.4**	**0.008**	**0.006**	**0.004**
STD DEV (GEOM *)				**34**	**46**	**1.95**	**5.60**	**33**	**0.19**	**0.2**	**0.001**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**9**	**7**	**10**	**6**	**10**	**10**	**3**	**2**	**3**

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **1.3 MILES DOWNSTREAM FROM MINDEN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-043-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0677700.0 4975150.0 4** REGION: **03** DISTANCE: **301.905**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 26 1300		.3	1	30287	6	524C	7200	70	6	10.4	10.4	0.2	0.020
81 02 16 1110		.3	1	30210	6					1.0	13.0	0.4	0.014
81 03 23 1050		.3	1	30217	6					2.0	12.0	0.3	0.016
81 04 21 1130		.3	1	30224	6	10<	70A	4<	4<	6.0	11.20	0.2<T	0.009
81 05 26 1250		.3	1	30231		144A	9600>	4<	4<	15.5	8.80	0.6	0.040
81 07 04 1030		.3	1	30244		2000A	2000000	4<	4<	23.5	7.80	0.4	0.050
81 07 07 1335		.3	1	30239		13600A	240000>	8	28	24.0		0.4	0.023
81 09 08 1115		.3	1	30251	6	1900A	100000	40	32	20.0	6.00	0.2	0.064
81 10 20 1045		.3	1	30258		180000	900000	252	68	9.0	9.80	0.4	0.056
81 11 30 1140		.3	1	30265	6	70A	300	4<	4<	3.0	11.80	1.2	0.013
81 12 22 1045		.3	1	30272	6	30A	120	4<	4	2.0	11.60	0.4	0.013
MAXIMUM						**180000**	**2000000**	**252**	**68**	**24.0**	**13.0**	**1.2**	**0.064**
ARITH MEAN						**24783**	**429670**	**92**	**28**	**10.6**	**10.2**	**0.4<A**	**0.029**
GEOM MEAN						**1050**	**8523**	**49**	**17**	**6.7**	**10.0**	**0.4<A**	**0.023**
MINIMUM						**30**	**70**	**8**	**4**	**1.0**	**6.00**	**0.2**	**0.009**
STD DEV (GEOM *)						**18***	**72***	**4***	**3***	**8.8**	**2.1**	**0.3<A**	**0.020**
# SAMPLES (IN STATISTICS)						**8**	**7**	**4**	**5**	**11**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 26 1300		.3	1	0.015	0.028	0.280	0.042	0.315		0.385	0.252	0.637	41.00
81 02 16 1110		.3	1	0.001	0.032	0.200	0.002	0.188		0.222	0.168	0.390	44.00
81 03 23 1050		.3	1	0.003	0.020	0.270	0.001	0.204		0.225	0.250	0.475	48.00
81 04 21 1130		.3	1	0.006	0.012	0.19	0.001<W	0.160	0.160	0.173	0.178	0.351	44
81 05 26 1250		.3	1	0.033	0.048	0.27	0.003	1.200	1.200	1.251	0.222	1.473	67
81 07 04 1030		.3	1	0.043	0.030	0.23	0.004	0.325	0.330	0.359	0.200	0.559	54
81 07 07 1335		.3	1	0.018	0.044	0.24	0.002	0.310	0.310	0.356	0.196	0.552	46
81 09 08 1115		.3	1	0.046	0.042	0.34	0.001	0.785	0.785	0.828	0.298	1.126	56
81 10 20 1045		.3	1	0.033	0.006	0.37	0.024	1.520	1.550	1.550	0.364	1.914	67
81 11 30 1140		.3	1	0.005	0.022	0.23	0.001<T	0.075	0.075	0.098	0.208	0.306	40
81 12 22 1045		.3	1	0.010	0.074	0.25	0.008	0.100	0.110	0.182	0.176	0.358	47
MAXIMUM				**0.046**	**0.074**	**0.37**	**0.042**	**1.520**	**1.550**	**1.550**	**0.364**	**1.914**	**67**
ARITH MEAN				**0.019**	**0.033**	**0.26**	**0.008<A**	**0.471**	**0.565**	**0.512**	**0.228**	**0.740**	**50**
GEOM MEAN				**0.012**	**0.027**	**0.25**	**0.003<A**	**0.305**	**0.344**	**0.357**	**0.222**	**0.611**	**49**
MINIMUM				**0.001**	**0.006**	**0.19**	**0.001**	**0.075**	**0.075**	**0.098**	**0.168**	**0.306**	**40**
STD DEV (GEOM *)				**0.017**	**0.019**	**0.05**	**0.013<A**	**0.484**	**0.555**	**0.485**	**0.060**	**0.531**	**9**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**8**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*	*FWPH*
81 01 26 1300		.3	1	1.00	40.000	62.0		2.300	10.000	1.840	18.0	7.15	6.2
81 02 16 1110		.3	1	6.00	38.000	58.0		1.450	9.500	1.450	22.0	6.71	6.75
81 03 23 1050		.3	1	4.00	44.000	68.0		1.850	10.500	1.950	28.0	6.91	6.5
81 04 21 1130		.3	1		42	65	0.60	1.70	9.5		20	7.50	6.20
81 05 26 1250		.3	1		65	100	0.66	5.00	12.0		22	7.78	
81 07 04 1030		.3	1		53	82	0.46		12.0		19	7.48	
81 07 07 1335		.3	1		46	58	0.60	3.00	10.0		21	7.70	6.50
81 09 08 1115		.3	1		54	83	1.40	3.25	11.5		19	7.40	6.15
81 10 20 1045		.3	1		65	100	0.28	1.35	11.0		16	7.54	
81 11 30 1140		.3	1		38	58	0.96	1.55	9.5		17	7.32	6.40
81 12 22 1045		.3	1		46	70	0.62	2.40	10.0		26	7.41	6.70
MAXIMUM				**6.00**	**65**	**100**	**1.40**	**5.00**	**12.0**	**1.950**	**28.0**	**7.78**	**6.75**
ARITH MEAN				**3.67**	**48**	**73**	**0.70**	**2.38**	**10.5**	**1.747**	**20**	**7.35**	**6.4**
GEOM MEAN				**2.88**	**47**	**71**	**0.63**	**2.19**	**10.4**	**1.733**	**20**	**7.35**	**6.4**
MINIMUM				**1.00**	**38.000**	**58.0**	**0.28**	**1.35**	**9.500**	**1.450**	**16**	**6.71**	**6.15**
STD DEV (GEOM *)				**2.52**	**9**	**15**	**0.34**	**1.12**	**0.9**	**0.263**	**3**	**0.32**	**0.2**
# SAMPLES (IN STATISTICS)				**3**	**11**	**11**	**8**	**10**	**11**	**3**	**11**	**11**	**8**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 11 30 1140		.3	1	0.001<	0.058	0.0010<				0.0010
81 12 22 1045		.3	1				0.003	0.003<	0.004	
MAXIMUM					**0.058**		**0.003**		**0.004**	**0.0010**
ARITH MEAN					**0.058**		**0.003**		**0.004**	**0.0010**
GEOM MEAN										
MINIMUM					**0.058**		**0.003**		**0.004**	**0.0010**
STD DEV (GEOM *)										
# SAMPLES (IN STATISTICS)					1		1		1	1

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **AT HIGHWAY NO.35 UPSTR.FROM MINDEN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-044-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0680400.0 4978825.0 4** REGION: **03** DISTANCE: **307.698**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 26 1315		.3	1	30286	6	8	176	2<	2<	2.0	10.4	0.2	0.003
81 02 16 1040		.3	1	30209	6					1.0	12.6	0.4	0.007
81 03 23 1030		.3	1	30216	6					2.0	11.6	0.5	0.009
81 04 21 1110		.3	1	30223	6	4	44	4<	4<	5.0	10.60	0.2	0.010
81 05 26 1230		.3	1	30230		4<	104	4<	4<	14.5	8.60	0.4	0.017
81 07 04 1415		.3	1	30243		80A	10000	4<	4<	23.5	8.10	0.4	0.004
81 07 07 1415		.3	1	30240		100A	11000	4	4<	24.0		0.4	0.007
81 09 08 1050		.3	1	30250	6	190000	1700000	4<	4	19.5	6.40	0.2<T	0.007
81 10 20 1030		.3	1	30257		80A	570	12	4<	9.0	9.40	0.4	0.725
81 11 30 1120		.3	1	30264	6	70A	220	4<	4<	3.0	11.00	0.2<T	0.016
81 12 22 1030		.3	1	30271	6	30A	70A	4<	4	2.0	12.00	0.2<T	0.013
MAXIMUM						**190000**	**1700000**	**12**	**4**	**24.0**	**12.6**	**0.5**	**0.725**
ARITH MEAN						**23796**	**191354**	**8**	**4**	**9.6**	**10.0**	**0.3<A**	**0.074**
GEOM MEAN						**98**	**1032**	**7**	**4**	**5.6**	**9.8**	**0.3<A**	**0.012**
MINIMUM						**4**	**44**	**4**	**4**	**1.0**	**6.40**	**0.2**	**0.003**
STD DEV (GEOM *)						**27***	**31***	**2***	**0***	**9.1**	**1.9**	**0.1<A**	**0.216**
# SAMPLES (IN STATISTICS)						**8**	**9**	**2**	**2**	**11**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 26 1315		.3	1	0.002	0.022	0.200	0.001<	0.150		0.173	0.178	0.351	36.00
81 02 16 1040		.3	1	0.001	0.028	0.190	0.002	0.178		0.208	0.162	0.370	54.00
81 03 23 1030		.3	1	0.001	0.010	0.250	0.001	0.200		0.211	0.240	0.451	45.00
81 04 21 1110		.3	1	0.001	0.012	0.18	0.001<W	0.160	0.160	0.173	0.168	0.341	37
81 05 26 1230		.3	1	0.009	0.014	0.22	0.001<T	0.125	0.125	0.140	0.206	0.346	40
81 07 04 1415		.3	1	0.002	0.012	0.20	0.001<T	0.005<T	0.005	0.018	0.188	0.206	37
81 07 07 1415		.3	1	0.002	0.036	0.22	0.001	0.005	0.005	0.042	0.184	0.226	38
81 09 08 1050		.3	1	0.005	0.034	0.26	0.001<T	0.020	0.020	0.055	0.226	0.281	38
81 10 20 1030		.3	1	0.225	0.020	0.19	0.001<T	0.060	0.060	0.081	0.170	0.251	38
81 11 30 1120		.3	1	0.004	0.014	0.31	0.001<T	0.075	0.075	0.090	0.296	0.386	38
81 12 22 1030		.3	1		0.026	0.26					0.234		
MAXIMUM				**0.225**	**0.036**	**0.31**	**0.002**	**0.200**	**0.160**	**0.211**	**0.296**	**0.451**	**54.00**
ARITH MEAN				**0.025**	**0.021**	**0.22**	**0.001<A**	**0.098<A**	**0.064**	**0.119**	**0.205**	**0.321**	**40**
GEOM MEAN				**0.004**	**0.019**	**0.22**	**0.001<A**	**0.055<A**	**0.033**	**0.094**	**0.201**	**0.312**	**39**
MINIMUM				**0.001**	**0.010**	**0.18**	**0.001**	**0.005**	**0.005**	**0.018**	**0.162**	**0.206**	**36.00**
STD DEV (GEOM *)				**0.070**	**0.009**	**0.04**	**0.000<A**	**0.074<A**	**0.061**	**0.071**	**0.041**	**0.078**	**5**
# SAMPLES (IN STATISTICS)				**10**	**11**	**11**	**9**	**10**	**7**	**10**	**11**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD
81 01 26 1315		.3	1	1.00	35.000	54.0		1.400	10.000	0.990	19.0	7.21	6.15
81 02 16 1040		.3	1	3.00	51.00	58.0		1.450	9.000	1.630	21.0	6.89	6.8
81 03 23 1030		.3	1	2.00	43.000	66.0		1.500	10.500	2.100	20.0	6.86	6.6
81 04 21 1110		.3	1		36	56	1.80	1.60	9.5		19	7.59	6.15
81 05 26 1230		.3	1		39	60	0.54	1.60	9.0		17	7.74	
81 07 04 1415		.3	1		36	56	0.53		10.0		15	7.56	
81 07 07 1415		.3	1		38	58	0.55	1.50	8.5		16	7.68	6.70
81 09 08 1050		.3	1		36	55	0.69	1.50	8.0		15	7.32	6.10
81 10 20 1030		.3	1		36	56	0.49	1.35	11.0		15	7.26	
81 11 30 1120		.3	1		37	57	1.23	1.50	9.5		18	7.29	6.80
81 12 22 1030		.3	1			60	0.69	1.75	10.0		15	7.41	6.50
MAXIMUM				**3.00**	**51.00**	**66.0**	**1.80**	**1.75**	**11.0**	**2.100**	**21.0**	**7.74**	**6.80**
ARITH MEAN				**2.00**	**38**	**57**	**0.81**	**1.51**	**9.5**	**1.573**	**17**	**7.35**	**6.4**
GEOM MEAN				**1.82**	**38**	**57**	**0.73**	**1.51**	**9.5**	**1.502**	**17**	**7.34**	**6.4**
MINIMUM				**1.00**	**35.000**	**54.0**	**0.49**	**1.35**	**8.0**	**0.990**	**15**	**6.86**	**6.10**
STD DEV (GEOM *)				**1.00**	**4**	**3**	**0.46**	**0.11**	**0.8**	**0.557**	**2**	**0.29**	**0.3**
# SAMPLES (IN STATISTICS)				**3**	**10**	**11**	**8**	**10**	**11**	**3**	**11**	**11**	**8**

(CONTD)

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **AT HIGHWAY NO.35 UPSTR.FROM MINDEN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-044-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0680400.0 4978825.0 4** REGION: **03** DISTANCE: **307.698**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 11 30 1120		3	1			0.001<	0.027	0.0010<				0.0010
81 12 22 1030		3	1	1<T	0.04	0.001<			0.002	0.003<	0.004	0.002
	MAXIMUM			1	0.04		0.027		0.002		0.004	0.002
	ARITH MEAN			1<A	0.04		0.027		0.002		0.004	0.001
	GEOM MEAN											0.001
	MINIMUM			1	0.04		0.027		0.002		0.004	0.0010
	STD DEV (GEOM *)											0.000
	# SAMPLES (IN STATISTICS)			1	1		1		1		1	2

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **HIGHWAY 401 BRIDGE NEAR TRENTON.**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-045-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0292540.0 4889100.0 4** REGION: **04** DISTANCE: **3.862**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 05 05 1005		3	1	26301	6	151.000	12.0	10.0	0.030	225.0	2.10	95.0	8.00
81 06 02 1000		3	1	26306	9 5	113.000	17.0	9.0	0.030	220.0	2.50	92.0	8.00
81 06 30 1010		3	1	26311	9 5	68.000	21.0	8.0	0.036	210.0	2.70	97.0	7.90
81 07 28 1010		3	1	26316	9 5	33.200	21.0	7.0					
81 09 01 1020		3	1	26321	9 5	29.400	21.0	8.0	0.034	230.0	2.00	99.0	7.80
81 10 05 1020		3	1	26326	9 5	133.000	10.0	9.0					
81 11 03 1020		3	1	26331	9 6	235.000	6.0	11.0	0.034	240.0	2.90	110.0	7.80
81 12 01 1015		3	1	26336	9 6	160.000	0.5	12.0					
	MAXIMUM					**235.000**	**21.0**	**12.0**	**0.036**	**240.0**	**2.90**	**110.0**	**8.00**
	ARITH MEAN					**115.325**	**13.6**	**9.2**	**0.033**	**225.0**	**2.44**	**98.6**	**7.90**
	GEOM MEAN					**93.140**	**9.3**	**9.1**	**0.033**	**224.8**	**2.42**	**98.4**	**7.90**
	MINIMUM					**29.400**	**0.5**	**7.0**	**0.030**	**210.0**	**2.00**	**92.0**	**7.80**
	STD DEV (GEOM *)					**69.975**	**7.8**	**1.7**	**0.003**	**11.2**	**0.38**	**6.9**	**0.10**
	# SAMPLES (IN STATISTICS)					**8**	**8**	**8**	**5**	**5**	**5**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 05 05 1005		3	1	1.000	0.150		0.001<	0.001<	0.003<	0.001<	0.002<
81 06 02 1000		3	1	1.000<	0.100		0.001<	0.003	0.003<	0.005	0.002<
81 06 30 1010		3	1		0.100		0.001<	0.001	0.003<	0.002	0.002<
81 07 28 1010		3	1	1.000<			0.001<	0.004	0.003	0.002	0.002
81 09 01 1020		3	1		0.300	20.000	0.001<	0.001	0.003<	0.001	0.002<
81 10 05 1020		3	1				0.001<	0.001	0.003<	0.002	0.001<
81 11 03 1020		3	1		0.300		0.001<	0.001<	0.003<	0.001<	0.002<
81 12 01 1015		3	1	2.000			0.001<	0.001	0.003<	0.001<	0.002<
	MAXIMUM			**2.000**	**0.300**	**20.000**		**0.004**	**0.003**	**0.005**	**0.002**
	ARITH MEAN			**1.500**	**0.190**	**20.000**		**0.002**	**0.003**	**0.002**	**0.002**
	GEOM MEAN			**1.414**	**0.168**			**0.002**		**0.002**	
	MINIMUM			**1.000**	**0.100**	**20.000**		**0.001**	**0.003**	**0.001**	**0.002**
	STD DEV (GEOM *)			**0.707**	**0.102**			**0.001**		**0.002**	
	# SAMPLES (IN STATISTICS)			**2**	**5**	**1**		**6**	**1**	**5**	**1**

B.O.W./ SITE: **COLD CREEK.**
SAMPLE POINT: **HIGHWAY 33 BRIDGE IN FRANKFORD**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HK108**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-046-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0292500.0 4897250.0 4** REGION: **04** DISTANCE: **12.070**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 05 05 1025		3	1	26302	7 6	13.0	10.0	0.024	395.0	2.20	189.0	8.40	1.000
81 06 02 1020		3	1	26307	8 6	17.0	9.0	0.034	405.0	3.60	202.0	8.30	1.000<
81 06 30 1045		3	1	26312	8 6	23.5	9.0	0.028	350.0	3.80	184.0	8.30	
81 07 28 1045		3	1	26317	8 6	19.0	8.0						1.000<
81 09 01 1055		3	1	26322	8 6	20.0	7.0	0.062	375.0	4.20	180.0	8.10	
81 10 05 1030		3	1	26327	8 6	9.0	9.0						
81 11 03 1040		3	1	26332	8 6			0.028	450.0	2.20	223.0	8.00	
81 12 01 1035		3	1	26337	9 6	0.0	10.0						1.000<
	MAXIMUM					**23.5**	**10.0**	**0.062**	**450.0**	**4.20**	**223.0**	**8.40**	**1.000**
	ARITH MEAN					**16.9**	**8.9**	**0.035**	**395.0**	**3.20**	**195.6**	**8.22**	**1.000**
	GEOM MEAN					**16.2**	**8.8**	**0.033**	**393.6**	**3.08**	**195.0**	**8.22**	
	MINIMUM					**9.0**	**7.0**	**0.024**	**350.0**	**2.20**	**180.0**	**8.00**	**1.000**
	STD DEV (GEOM *)					**5.2**	**1.1**	**0.015**	**37.2**	**0.94**	**17.4**	**0.16**	
	# SAMPLES (IN STATISTICS)					**6**	**7**	**5**	**5**	**5**	**5**	**5**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 05 05 1025		.3	1	0.150		0.001<	0.001<	0.003	0.001<	0.002<
81 06 02 1020		.3	1	0.100		0.001<	0.003	0.003<	0.001<	0.002<
81 06 30 1045		.3	1	0.700						
81 07 28 1045		.3	1			0.001<	0.004	0.003<	0.003	0.001
81 09 01 1055		.3	1	0.450	33.000	0.001<	0.006	0.003<	0.001<	0.002<
81 10 05 1030		.3	1			0.001<	0.003	0.003<	0.001<	0.001<
81 11 03 1040		.3	1	0.300		0.001<	0.001	0.003<	0.001<	0.002<
81 12 01 1035		.3	1			0.001<	0.002	0.004	0.010	0.004
MAXIMUM				**0.700**	**33.000**		**0.006**	**0.004**	**0.010**	**0.004**
ARITH MEAN				**0.340**	**33.000**		**0.003**	**0.003**	**0.006**	**0.002**
GEOM MEAN				**0.269**			**0.003**	**0.003**	**0.005**	**0.002**
MINIMUM				**0.100**	**33.000**		**0.001**	**0.003**	**0.003**	**0.001**
STD DEV (GEOM *)				**0.243**			**0.002**	**0.001**	**0.005**	**0.002**
# SAMPLES (IN STATISTICS)				5	1		6	2	2	2

B.O.W./ SITE: **RAWDON CREEK**
SAMPLE POINT: **AT HWY.NO.33 SOUTH OF STIRLING**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HK105**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-047-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0296250.0 4906650.0 4** REGION: **04** DISTANCE: **24.783**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
81 05 05 1100		.3	1	26303	6	13.0	10.0	0.032	430.0	2.00	198.0	8.20	1.000<
81 06 02 1045		.3	1	26308	8	16.0	8.0	0.024	420.0	1.80	211.0	8.20	1.000<
81 06 30-1120		.3	1	26313	7 6	22.0	10.0	0.036	395.0	2.00	203.0	8.10	
81 07 28 1115		.3	1	26318	7 6	19.0	6.0						1.000<
81 09 01 1105		.3	1	26323	7 5	21.0	6.0	0.040	410.0	1.50	201.0	8.10	
81 10 05 1110		.3	1	26328	7 5	9.0	9.0						
81 11 03 1105		.3	1	26333	6 8	6.0	10.0	0.026	470.0	3.10	237.0	7.90	
81 12 01 1105		.3	1	26338	6 8	0.0	12.0						25.000
MAXIMUM						**22.0**	**12.0**	**0.040**	**470.0**	**3.10**	**237.0**	**8.20**	**25.000**
ARITH MEAN						**15.1**	**8.9**	**0.032**	**425.0**	**2.08**	**210.0**	**8.10**	**25.000**
GEOM MEAN						**13.9**	**8.6**	**0.031**	**424.3**	**2.02**	**209.5**	**8.10**	
MINIMUM						**6.0**	**6.0**	**0.024**	**395.0**	**1.50**	**198.0**	**7.90**	**25.000**
STD DEV (GEOM *)						**6.1**	**2.1**	**0.007**	**28.3**	**0.61**	**15.8**	**0.12**	
# SAMPLES (IN STATISTICS)						7	8	5	5	5	5	5	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 05 05 1100		.3	1	0.150		0.001<	0.001	0.003<	0.001<	0.002<
81 06 02 1045		.3	1	0.250		0.001<	0.003	0.003<	0.001<	0.002<
81 06 30 1120		.3	1	0.250		0.001<	0.002	0.003<	0.002	0.002<
81 07 28 1115		.3	1			0.001<	0.004	0.003<	0.002	0.001
81 09 01 1105		.3	1	0.550	34.000	0.001<	0.033	0.003<	0.002	0.002<
81 10 05 1110		.3	1			0.001<	0.004	0.003<	0.001	0.001<
81 11 03 1105		.3	1	1.400		0.001<	0.002	0.003<	0.001<	0.002<
81 12 01 1105		.3	1			0.001<	0.002	0.003<	0.001	0.002<
MAXIMUM				**1.400**	**34.000**		**0.033**		**0.002**	**0.001**
ARITH MEAN				**0.520**	**34.000**		**0.006**		**0.002**	**0.001**
GEOM MEAN				**0.373**			**0.003**		**0.002**	
MINIMUM				**0.150**	**34.000**		**0.001**		**0.001**	**0.001**
STD DEV (GEOM *)				**0.514**			**0.011**		**0.001**	
# SAMPLES (IN STATISTICS)				5	1		8		5	1

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **CROWE BRIDGE NEAR HEALEY FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-048-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0277999.0 4917250.0 4** REGION: **03** DISTANCE: **61.314**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 06 09 1243		.3	1	29009	6	20.5	8.0	0.026					
81 07 07 1319		.3	1	29019	6	20.5	8.0						
81 08 10 1145		.3	1	29029	6	25.0	8.5	0.014	0.002<	0.020	0.420	0.002<	0.020<
MAXIMUM						**25.0**	**8.5**	**0.026**		**0.020**	**0.420**		
ARITH MEAN						**22.0**	**8.2**	**0.020**		**0.020**	**0.420**		
GEOM MEAN						**21.9**	**8.2**	**0.019**					
MINIMUM						**20.5**	**8.0**	**0.014**		**0.020**	**0.420**		
STD DEV (GEOM *)						**2.6**	**0.3**	**0.008**					
# SAMPLES (IN STATISTICS)						3	3	2		1	1		

(CONTD)

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **CROWE BRIDGE NEAR HEALEY FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-048-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0277999.0 4917250.0 4** REGION: **03** DISTANCE: **61.314**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 06 09 1243	.3	1					170.0	1.30	74.0	7.70	1.000<	0.200	0.001<
81 07 07 1319	.3	1											0.001<
81 08 10 1145	.3	1	0.042	0.400	0.442		190.0	0.45				0.046	0.001<
MAXIMUM							**190.0**	**1.30**	**74.0**	**7.70**		**0.200**	
ARITH MEAN							**180.0**	**0.87**	**74.0**	**7.70**		**0.123**	
GEOM MEAN							**179.7**	**0.76**				**0.096**	
MINIMUM							**170.0**	**0.45**	**74.0**	**7.70**		**0.046**	
STD DEV (GEOM *)							**14.1**	**0.60**				**0.109**	
# SAMPLES (IN STATISTICS)							**2**	**2**	**1**	**1**		**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 06 09 1243	.3	1		0.006	0.003<		0.004		0.001	
81 07 07 1319	.3	1		0.002	0.003<		0.004		0.002<	
81 08 10 1145	.3	1		0.009	0.003	0.001	0.016	0.070	0.003	0.001
MAXIMUM				**0.009**	**0.003**	**0.001**	**0.016**	**0.070**	**0.003**	**0.001**
ARITH MEAN				**0.006**	**0.003**	**0.001**	**0.008**	**0.070**	**0.002**	**0.001**
GEOM MEAN				**0.005**			**0.006**		**0.002**	
MINIMUM				**0.002**	**0.003**	**0.001**	**0.004**	**0.070**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.004**			**0.007**		**0.001**	
# SAMPLES (IN STATISTICS)				**3**	**1**	**1**	**3**	**1**	**2**	**1**

B.O.W./ SITE: **MISSISSAUGA RIVER**
SAMPLE POINT: **HIGHWAY 36 1 MILE NORTH OF BUCKHORN**
STATION TYPE: **RIVER FLOW GAUGE FED 02HH002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-052-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0711200.0 4937750.0 4** REGION: **03** DISTANCE: **197.622**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 15 1115	.3	1	31043	6	3.420	68	172	4<	4<	0.0	14.2	0.6
81 02 26 1645	.3	1	31100	6	1.580					2.0	14.1	0.3
81 03 26 1200	.3	1	31065	6	3.600					4.0	12.50	0.2
81 04 30 1000	.3	1	31141	6 8	2.970	210	2400	4	16	9.0	12.20	1.4
81 05 28 1130	.3	1	31203	6 8	3.290	340	1500>	60	20	17.8	11.20	0.4
81 06 16 1518	.3	1	31234	6 8	2.230	470A	5700	152	28	25.0	10.80	0.4
81 07 30 1252	.3	1	31325	6 8	3.300	160A	6800	10A	10<	20.5	9.80	0.4
81 08 19 1415	.3	1	31366	8	1.960	150000>	150000>	12	4	20.0	9.60	0.8
81 09 17 1150	.3	1	31447	8	13.900	2200	13500	350	370	15.8	12.50	1.0
81 10 29 1448	.3	1	31508	8	5.900					6.5	13.60	1.0U
81 11 26 1100	.3	1	31570	8	4.550	100<	400A	10A	10<	0.5	14.60	1.0
81 12 08 1442	.3	1	31590	8	4.470	410	490	8	4	1.0	15.20	0.2<T
MAXIMUM					**13.900**	**2200**	**13500**	**350**	**370**	**25.0**	**15.20**	**1.4**
ARITH MEAN					**4.264**	**551**	**4209**	**76**	**74**	**11.1**	**12.5**	**0.6<A**
GEOM MEAN					**3.589**	**318**	**1708**	**24**	**19**	**6.3**	**12.3**	**0.5<A**
MINIMUM					**1.580**	**68**	**172**	**4**	**4**	**0.5**	**9.60**	**0.2**
STD DEV (GEOM *)					**3.261**	**3***	**5***	**5***	**5***	**8.9**	**1.8**	**0.4<A**
# SAMPLES (IN STATISTICS)					**12**	**7**	**7**	**8**	**6**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 15 1115	.3	1	0.010	0.003	0.056	0.350	0.003	0.167		0.226	0.294	0.520
81 02 26 1645	.3	1	0.007	0.001<	0.046	0.280	0.002	0.073		0.121	0.234	0.355
81 03 26 1200	.3	1	0.005	0.001<W	0.028	0.20	0.001<W	0.190	0.190	0.219	0.172	0.391
81 04 30 1000	.3	1	0.006	0.001<W	0.010	0.27	0.002	0.150	0.150	0.162	0.260	0.422
81 05 28 1130	.3	1	0.009	0.001	0.024	0.31	0.002	0.130	0.130	0.156	0.286	0.442
81 06 16 1518	.3	1	0.015	0.005	0.006	0.35	0.024	0.100	0.125	0.130	0.344	0.474
81 07 30 1252	.3	1	0.007	0.001	0.024	0.24	0.001	0.050	0.050	0.075	0.216	0.291
81 08 19 1415	.3	1	0.018	0.011	0.026	0.26	0.001<T	0.025	0.025	0.052	0.234	0.286
81 09 17 1150	.3	1	0.015		0.012	0.34	0.001	0.050	0.050	0.063	0.328	0.391
81 10 29 1448	.3	1	0.046	0.033	0.016	0.31	0.002	0.105	0.105	0.123	0.294	0.417
81 11 26 1100	.3	1	0.006	0.001<T	0.004	0.26	0.001	0.145	0.145	0.150	0.256	0.406
81 12 08 1442	.3	1	0.006	0.003	0.008	0.24	0.001	0.160	0.160	0.169	0.232	0.401
MAXIMUM			**0.046**	**0.033**	**0.056**	**0.35**	**0.024**	**0.190**	**0.190**	**0.226**	**0.344**	**0.520**
ARITH MEAN			**0.012**	**0.006<A**	**0.022**	**0.28**	**0.003<A**	**0.112**	**0.113**	**0.137**	**0.262**	**0.400**
GEOM MEAN			**0.010**	**0.003<A**	**0.016**	**0.28**	**0.002<A**	**0.097**	**0.097**	**0.125**	**0.258**	**0.394**
MINIMUM			**0.005**	**0.001**	**0.004**	**0.20**	**0.001**	**0.025**	**0.025**	**0.052**	**0.172**	**0.286**
STD DEV (GEOM *)			**0.011**	**0.010<A**	**0.016**	**0.04**	**0.007<A**	**0.053**	**0.054**	**0.055**	**0.049**	**0.067**
# SAMPLES (IN STATISTICS)			**12**	**10**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				RST	RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL
81 01 15 1115		.3	1	93.0	6.0		142.0	0.50	5.250		7.54	7.8	
81 02 26 1645		.3	1	63.0	2.0		94.0	0.89	0.950		7.28	7.5	
81 03 26 1200		.3	1	41	1		62	0.43	0.90	20	7.42	7.20	1<T
81 04 30 1000		.3	1	46		46	70	0.72	1.25	27	7.66		
81 05 28 1130		.3	1	154		153	235	0.85			7.57	6.40	
81 06 16 1518		.3	1	50		48	74	0.90		25	7.44	7.30	
81 07 30 1252		.3	1			36	56	0.57		20	7.43	7.15	
81 08 19 1415		.3	1	35		34	52	0.83	0.80	18	7.69	6.95	
81 09 17 1150		.3	1				59	0.76	0.80	17	7.53	7.30	1<T
81 10 29 1448		.3	1	39	0.9		58	0.53	0.95	17	7.03	6.95	1<T
81 11 26 1100		.3	1	42	0.2		64	0.63	1.05	19	7.33	7.70	1<T
81 12 08 1442		.3	1	42	0.1<W		65	0.83	0.85	22	7.52	7.45	1<T
MAXIMUM				154	6.0	153	235	0.90	5.250	27	7.69	7.8	1
ARITH MEAN				60	1 <A	63	85	0.70	1.42	21	7.45	7.2	1<A
GEOM MEAN				53	0 <A	53	76	0.68	1.13	20	7.45	7.2	1<A
MINIMUM				35	0.1	34	52	0.43	0.80	17	7.03	6.40	1
STD DEV (GEOM *)				37	2 <A	50	53	0.17	1.44	4	0.18	0.3	0<A
# SAMPLES (IN STATISTICS)				10	6	5	12	12	9	9	12	11	5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				FEUT	CUUT	PBUT	ZNUT
81 03 26 1200		.3	1	0.08	0.001<	0.003<	0.004
81 09 17 1150		.3	1	0.20	0.002	0.003<	0.003
81 10 29 1448		.3	1	0.16	0.014	0.003<	0.008
81 11 26 1100		.3	1	0.07	0.001<	0.003<	0.005
81 12 08 1442		.3	1	0.07	0.005	0.003<	0.001
MAXIMUM				0.20	0.014		0.008
ARITH MEAN				0.12	0.007		0.004
GEOM MEAN				0.10	0.005		0.003
MINIMUM				0.07	0.002		0.001
STD DEV (GEOM *)				0.06	0.006		0.003
# SAMPLES (IN STATISTICS)				5	3		5

B.O.W./ SITE: **BALSAM LAKE OUTLET**
SAMPLE POINT: **AT ROSEDALE DAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-054-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0675800.0 4937775.0 4** REGION: **03** DISTANCE: **255.879**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 15 1300		.3	1	31048	6	12 .	36	4<	4<	0.0	13.1		0.002
81 02 26 1450		.3	1	31106	6					2.0	14.8		0.002
81 03 26 1615		.3	1	31071	6	4<	4<	2<	10	5.2	12.60	0.2<T	0.006
81 05 01 1100		.3	1	31148	6 8	8	164	2<	8	9.9	12.30	0.2	0.010
81 05 28 1400		.3	1	31209	6 8	770	1700	4<	4	16.8	11.70	0.8	0.013
81 06 16 1314		.3	1	31230	6 8	100A	100A	4<	4	22.0	11.20	0.2	0.009
81 07 30 1518		.3	1	31331	6 8	320	4800	10<	10<	21.5	9.80	0.4	0.012
81 08 19 1050		.3	1	31360	8	20A	560	8	4<	20.9	10.4	0.6	0.152
81 09 17 1520		.3	1	31453	8	160	510	10<	40A	16.4	12.20	0.8	0.053
81 10 29 1100		.3	1	31514	8					7.0	12.10	0.8U	0.190
81 11 26 1410		.3	1	31576	8	10A	60A	20A	10<	1.2	13.50	0.2<T	0.011
81 12 08 1218		.3	1	31596	8	30A	10<	4<	4<	1.0	16.20	0.4	0.012
MAXIMUM						770	4800	20	40	22.0	16.20	0.8	0.190
ARITH MEAN						159	991	14	13	11.3	12.4	0.5<A	0.039
GEOM MEAN						51	309	13	9	7.1	12.3	0.4<A	0.014
MINIMUM						8	36	8	4	1.0	9.80	0.2	0.002
STD DEV (GEOM *)						5*	5*	2*	3*	8.5	1.7	0.3<A	0.063
# SAMPLES (IN STATISTICS)						9	8	2	5	11	12	10	12

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 15 1300		.3	1		0.026	0.220					0.194		
81 02 26 1450		.3	1		0.040	0.230					0.190		
81 03 26 1615		.3	1		0.006	0.18					0.174		
81 05 01 1100		.3	1	0.003	0.032	0.24	0.001	0.090	0.090	0.123	0.208	0.331	75
81 05 28 1400		.3	1	0.001<T	0.064	0.33	0.001	0.040	0.040	0.105	0.266	0.371	81
81 06 16 1314		.3	1	0.001<T	0.024	0.24	0.004	0.005	0.010	0.033	0.216	0.249	80
81 07 30 1518		.3	1	0.004	0.032	0.22	0.004	0.005	0.010	0.041	0.188	0.229	73
81 08 19 1050		.3	1	0.125	0.048	0.51	0.001<T	0.005<T	0.005<T	0.054	0.462	0.516	71
81 09 17 1520		.3	1		0.024	0.23					0.206		
81 10 29 1100		.3	1		0.020	0.27					0.250		
81 11 26 1410		.3	1		0.012	0.26					0.248		
81 12 08 1218		.3	1		0.022	0.23					0.208		
MAXIMUM				0.125	0.064	0.51	0.004	0.090	0.090	0.123	0.266	0.371	81
ARITH MEAN				0.027<A	0.029	0.26	0.002<A	0.029<A	0.031<A	0.075	0.213	0.295	76
GEOM MEAN				0.004<A	0.025	0.25	0.002<A	0.014<A	0.018<A	0.065	0.212	0.289	76
MINIMUM				0.001	0.006	0.18	0.001	0.005	0.005	0.033	0.174	0.229	71
STD DEV (GEOM *)				0.055<A	0.016	0.08	0.002<A	0.037<A	0.036<A	0.045	0.029	0.067	4
# SAMPLES (IN STATISTICS)				5	12	12	5	5	5	4	11	4	5

(CONTD)

B.O.W./ SITE: **BALSAM LAKE OUTLET**
SAMPLE POINT: **AT ROSEDALE DAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-054-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0675800.0 4937775.0 4** REGION: **03** DISTANCE: **255.879**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 15 1300		.3	1		86.0				7.19	7.4			
81 02 26 1450		.3	1		90.0				7.23	7.4			
81 03 26 1615		.3	1		94	0.54	2.30	31	7.38	7.00	1	0.06	0.001<
81 05 01 1100		.3	1	74	114	0.80	2.45	41	7.85	7.60			
81 05 28 1400		.3	1	79	122	1.10		47	8.20	7.00			
81 06 16 1314		.3	1	78	120	0.55		46	8.12	8.30			
81 07 30 1518		.3	1	73	112	0.34		21	7.89	7.80			
81 08 19 1050		.3	1	70	108	1.06		42	8.42	7.90			
81 09 17 1520		.3	1		108	0.76	2.35	39	8.05	7.40	1<T	0.05	0.001<
81 10 29 1100		.3	1		96	0.64	2.60	39	7.83	7.65	1<T	0.05	0.001<
81 11 26 1410		.3	1		109	0.76	2.75	37	7.86	7.30	1<T	0.04	0.001<
81 12 08 1218		.3	1		104	0.73	2.50	37	7.84	7.85	1<T	0.03	0.001<
MAXIMUM				**79**	**122**	**1.10**	**2.75**	**47**	**8.42**	**8.30**	**1**	**0.06**	
ARITH MEAN				**75**	**105**	**0.73**	**2.49**	**38**	**7.82**	**7.5**	**1<A**	**0.05**	
GEOM MEAN				**75**	**104**	**0.69**	**2.49**	**37**	**7.81**	**7.5**	**1<A**	**0.04**	
MINIMUM				**70**	**86.0**	**0.34**	**2.30**	**21**	**7.19**	**7.00**	**1**	**0.03**	
STD DEV (GEOM *)				**4**	**11**	**0.23**	**0.17**	**8**	**0.38**	**0.3**	**0<A**	**0.01**	
# SAMPLES (IN STATISTICS)				**5**	**12**	**10**	**6**	**10**	**12**	**12**	**5**	**5**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1615		.3	1	0.001<	0.003<	0.003	0.008
81 09 17 1520		.3	1	0.002	0.003<	0.001<	0.0010<
81 10 29 1100		.3	1	0.001<	0.003	0.003	0.0010<
81 11 26 1410		.3	1	0.001<	0.003<	0.003	0.0020<
81 12 08 1218		.3	1	0.001	0.005	0.007	0.0020<
MAXIMUM				**0.002**	**0.005**	**0.007**	**0.008**
ARITH MEAN				**0.001**	**0.004**	**0.004**	**0.008**
GEOM MEAN				**0.001**	**0.004**	**0.004**	
MINIMUM				**0.001**	**0.003**	**0.003**	**0.008**
STD DEV (GEOM *)				**0.001**	**0.001**	**0.002**	
# SAMPLES (IN STATISTICS)				**2**	**2**	**4**	**1**

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT HEALEY FALLS DAM**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-057-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0277995.0 4917250.0 4** REGION: **03** DISTANCE: **63.245**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 02 18 0940		.3	1	31074	6	180.000	120	770	12	96	1.0	10.8	0.4
81 03 25 0950		.3	1	31040	6	85.100	10<	10<	4<	4	2.5	12.2	1.2
81 04 28 1220		.3	1	31116	6 8	99.000	30A	160	10<	60A	9.8	11.20	1.2
81 05 26 1350		.3	1	31178	6 8	113.000	100	800	10<	10<	21.0	10.00	1.0
81 06 18 1140		.3	1	31260	6 8	97.500	100A	88000	10<	10A	21.2	10.10	0.6
81 07 29 1030		.3	1	31300	6 8	34.600	50A	1300	4<	4		7.50	2.0
81 08 20 1220		.3	1	31373	8	38.800	100<	48000	10<	10A	21.1	12.20	2.4
81 09 15 1220		.3	1	31422	8	117.000	30A	1600	10<	10<	19.5	13.70	3.4
81 10 27 1303		.3	1	31483	8	132.000	360	700	4	564	9.9	12.60	1.2
81 11 24 1245		.3	1	31545	8	148.000	40A	120	4<	8	5.0	12.70	0.8
81 12 16 1230		.3	1	31635	8	74.800					0.0	11.20	0.4
MAXIMUM						**180.000**	**360**	**88000**	**12**	**564**	**21.2**	**13.70**	**3.4**
ARITH MEAN						**101.800**	**104**	**15717**	**8**	**94**	**12.3**	**11.2**	**1.3**
GEOM MEAN						**91.656**	**73**	**1610**	**7**	**21**	**8.5**	**11.1**	**1.1**
MINIMUM						**34.600**	**30**	**120**	**4**	**4**	**1.0**	**7.50**	**0.4**
STD DEV (GEOM *)						**43.632**	**2***	**10***	**2***	**6***	**8.5**	**1.7**	**0.9**
# SAMPLES (IN STATISTICS)						**11**	**8**	**9**	**2**	**8**	**9**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 02 18 0940		.3	1	0.020	0.006	0.132	0.540	0.003	0.244		0.379	0.408	0.787
81 03 25 0950		.3	1	0.016		0.046	0.35					0.304	
81 04 28 1220		.3	1	0.026	0.005	0.054	0.49	0.003	0.030	0.035	0.087	0.436	0.523
81 05 26 1350		.3	1	0.031	0.010	0.082	0.46	0.005	0.005<T	0.005	0.092	0.378	0.470
81 06 18 1140		.3	1	0.034	0.014	0.012	0.54	0.059	0.135	0.185	0.206	0.528	0.734
81 07 29 1030		.3	1	0.050	0.001<T	0.146	0.85	0.011	0.020	0.030	0.177	0.704	0.881
81 08 20 1220		.3	1	0.050	0.004	0.304	1.00	0.010	0.015	0.025	0.329	0.696	1.025
81 09 15 1220		.3	1	0.050		0.212	0.98					0.768	
81 10 27 1303		.3	1	0.035		0.058	0.65					0.592	
81 11 24 1245		.3	1	0.018		0.018	0.46					0.442	
81 12 16 1230		.3	1	1.570		0.032	0.39					0.358	
MAXIMUM				**1.570**	**0.014**	**0.304**	**1.00**	**0.059**	**0.244**	**0.185**	**0.379**	**0.768**	**1.025**
ARITH MEAN				**0.173**	**0.007<A**	**0.100**	**0.61**	**0.015**	**0.075<A**	**0.056**	**0.212**	**0.510**	**0.737**
GEOM MEAN				**0.044**	**0.005<A**	**0.066**	**0.57**	**0.008**	**0.034<A**	**0.030**	**0.182**	**0.489**	**0.710**
MINIMUM				**0.016**	**0.001**	**0.012**	**0.35**	**0.003**	**0.005**	**0.005**	**0.087**	**0.304**	**0.470**
STD DEV (GEOM *)				**0.464**	**0.005<A**	**0.091**	**0.23**	**0.022**	**0.096<A**	**0.073**	**0.121**	**0.158**	**0.211**
# SAMPLES (IN STATISTICS)				**11**	**6**	**11**	**11**	**6**	**6**	**5**	**6**	**11**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 02 18 0940		.3	1	153.00	150.00	230.0		6.950		7.56	7.6		
81 03 25 0950		.3	1			240	0.78	6.95	96	7.92	8.50	1<T	0.06
81 04 28 1220		.3	1	147	143	220	1.00	6.20	88	8.27	8.30		
81 05 26 1350		.3	1	140	136	210	1.20		84	8.21	7.80		
81 06 18 1140		.3	1	141	137	210	1.50		83	7.99	8.10		
81 07 29 1030		.3	1	173	143	220	4.20		94	7.92	8.05		
81 08 20 1220		.3	1	141	137	210	7.80	7.20	93	8.24	8.85		
81 09 15 1220		.3	1			230	1.70	6.80	96	8.15	8.65	1<T	0.17
81 10 27 1303		.3	1			225	4.20	6.35	96	8.25	8.35	1<T	0.13
81 11 24 1245		.3	1			225	1.55	6.40	98	7.85	8.35	1<T	0.06
81 12 16 1230		.3	1			240	1.26	6.70	95	8.22	6.60	1<T	0.05
MAXIMUM				**173**	**150.00**	**240**	**7.80**	**7.20**	**98**	**8.27**	**8.85**	**1**	**0.17**
ARITH MEAN				**149**	**141**	**223**	**2.52**	**6.69**	**92**	**8.05**	**8.1**	**1<A**	**0.09**
GEOM MEAN				**148**	**140**	**223**	**1.91**	**6.68**	**92**	**8.05**	**8.0**	**1<A**	**0.08**
MINIMUM				**140**	**136**	**210**	**0.78**	**6.20**	**83**	**7.56**	**6.60**	**1**	**0.05**
STD DEV (GEOM *)				**12**	**5**	**11**	**2.23**	**0.34**	**5**	**0.23**	**0.6**	**0<A**	**0.05**
# SAMPLES (IN STATISTICS)				**6**	**6**	**11**	**10**	**8**	**10**	**11**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 25 0950		.3	1	0.001<	0.001<	0.003<	0.003	0.010
81 09 15 1220		.3	1	0.001<	0.003	0.003<	0.001<	0.0010
81 10 27 1303		.3	1	0.001<	0.005	0.003<	0.001	0.0020<
81 11 24 1245		.3	1	0.001<	3.000	0.003	0.011	0.0050
81 12 16 1230		.3	1	0.001<	0.002	0.003	0.002	0.002
MAXIMUM					**3.000**	**0.003**	**0.011**	**0.010**
ARITH MEAN					**0.752**	**0.003**	**0.004**	**0.004**
GEOM MEAN					**0.017**	**0.003**	**0.003**	**0.003**
MINIMUM					**0.002**	**0.003**	**0.001**	**0.0010**
STD DEV (GEOM *)					**1.498**	**0.000**	**0.005**	**0.004**
# SAMPLES (IN STATISTICS)					**4**	**2**	**4**	**4**

B.O.W./ SITE: **BOW LAKE OUTLET**
SAMPLE POINT: **AT HWY.28 SOUTH-WEST OF BANCROFT 71 3**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HK102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-062-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0268600.0 4987350.0 4** REGION: **04** DISTANCE: **185.391**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL , FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 02 17 1140		.3	1	25457	8								
81 04 30 1230		.3	1	25501									
81 06 09 1548		.3	1	29005	6	19.0	7.5	0.008			0.400		
81 06 23 1255		.3	1	25525									
81 07 31 1155		.3	1	25555									
81 08 10 1511		.3	1	29025	6	22.5	8.0	0.004	0.002<	0.030	0.260	0.006	0.730
81 12 02 1155		.3	1	25612									
MAXIMUM						**22.5**	**8.0**	**0.008**		**0.030**	**0.400**	**0.006**	**0.730**
ARITH MEAN						**20.7**	**7.7**	**0.006**		**0.030**	**0.330**	**0.006**	**0.730**
GEOM MEAN						**20.7**	**7.7**	**0.006**			**0.322**		
MINIMUM						**19.0**	**7.5**	**0.004**		**0.030**	**0.260**	**0.006**	**0.730**
STD DEV (GEOM *)						**2.5**	**0.4**	**0.003**			**0.099**		
# SAMPLES (IN STATISTICS)						**2**	**2**	**2**		**1**	**2**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	RA226F RADIUM 226 FIL. PCI/L
81 02 17 1140		.3	1										3.000
81 04 30 1230		.3	1										4.000
81 06 09 1548		.3	1				920.0	1.20	56.0	7.60	1.000<	0.050<	
81 06 23 1255		.3	1										4.000
81 07 31 1155		.3	1										3.000
81 08 10 1511		.3	1	0.766	0.230	0.996	1000.0	0.45					
81 12 02 1155		.3	1										3.000
MAXIMUM				**0.766**	**0.230**	**0.996**	**1000.0**	**1.20**	**56.0**	**7.60**			**4.000**
ARITH MEAN				**0.766**	**0.230**	**0.996**	**960.0**	**0.82**	**56.0**	**7.60**			**3.400**
GEOM MEAN							**959.2**	**0.73**					**3.366**
MINIMUM				**0.766**	**0.230**	**0.996**	**920.0**	**0.45**	**56.0**	**7.60**			**3.000**
STD DEV (GEOM *)							**56.6**	**0.53**					**0.548**
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**2**	**2**	**1**	**1**			**5**

(CONTD)

B.O.W./ SITE: **BOW LAKE OUTLET**
SAMPLE POINT: **AT HWY.28 SOUTH-WEST OF BANCROFT 71 3**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HK102**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-062-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0268600.0 4987350.0 4** REGION: **04** DISTANCE: **185.391**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 02 17 1140		.3	1	56.000	2.000	13.000	7.000	34.000
81 04 30 1230		.3	1	51.000	1.000<	14.000	2.000	25.000
81 06 23 1255		.3	1	40.000	1.000<	15.000	1.000	22.000
81 07 31 1155		.3	1	57.000	1.000	11.000	5.000	31.000
81 12 02 1155		.3	1	350.000	2600.00	52.000	910.000	200.000
	MAXIMUM			**350.000**	**2600.00**	**52.000**	**910.000**	**200.000**
	ARITH MEAN			**110.800**	**867.667**	**21.000**	**185.000**	**62.400**
	GEOM MEAN			**74.396**	**17.325**	**17.327**	**9.138**	**41.006**
	MINIMUM			**40.000**	**1.000**	**11.000**	**1.000**	**22.000**
	STD DEV (GEOM *)			**133.887**	**1500.24**	**17.393**	**405.294**	**77.067**
	# SAMPLES (IN STATISTICS)			**5**	**3**	**5**	**5**	**5**

B.O.W./ SITE: **CREEK TRIBUTARY TO BOW LAKE**
SAMPLE POINT: **DNSTR.OF MADAWASKA MINE TAILINGS 70 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-063-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0269600.0 4989600.0 4** REGION: **04** DISTANCE: **188.288**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
81 02 17 1120		.3	1	25456	8								
81 04 30 1145		.3	1	25498									
81 06 09 1624		.3	1	29006	6	21.8	7.5	0.006			0.280		
81 06 23 1205		.3	1	25523									
81 07 31 1115		.3	1	25554									
81 08 10 1544		.3	1	29026	6	23.0	7.5	0.004	0.002<	0.030	0.270	0.002	0.200
81 09 10 1115		.3	1	25572									
81 10 13 1120		.3	1	25578									
81 12 02 1115		.3	1	25610									
	MAXIMUM					**23.0**	**7.5**	**0.006**		**0.030**	**0.280**	**0.002**	**0.200**
	ARITH MEAN					**22.4**	**7.5**	**0.005**		**0.030**	**0.275**	**0.002**	**0.200**
	GEOM MEAN					**22.4**	**7.5**	**0.005**			**0.275**		
	MINIMUM					**21.8**	**7.5**	**0.004**		**0.030**	**0.270**	**0.002**	**0.200**
	STD DEV (GEOM *)					**0.8**	**0.0**	**0.001**			**0.007**		
	# SAMPLES (IN STATISTICS)					**2**	**2**	**2**		**1**	**2**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	RA226F RADIUM 226 FIL. PCI/L
81 02 17 1120		.3	1										1.000<
81 04 30 1145		.3	1										2.000
81 06 09 1624		.3	1				800.0	1.40	62.0	7.40	1.000<	0.250	
81 06 23 1205		.3	1										3.000
81 07 31 1115		.3	1										3.000
81 08 10 1544		.3	1	0.232	0.240	0.472	1020.0	0.85					
81 09 10 1115		.3	1										3.000
81 10 13 1120		.3	1										3.000
81 12 02 1115		.3	1										1.000
	MAXIMUM			**0.232**	**0.240**	**0.472**	**1020.0**	**1.40**	**62.0**	**7.40**		**0.250**	**3.000**
	ARITH MEAN			**0.232**	**0.240**	**0.472**	**910.0**	**1.12**	**62.0**	**7.40**		**0.250**	**2.500**
	GEOM MEAN						**903.3**	**1.09**					**2.335**
	MINIMUM			**0.232**	**0.240**	**0.472**	**800.0**	**0.85**	**62.0**	**7.40**		**0.250**	**1.000**
	STD DEV (GEOM *)						**155.6**	**0.39**					**0.837**
	# SAMPLES (IN STATISTICS)			**1**	**1**	**1**	**2**	**2**	**1**	**1**		**1**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: GACF GROSS ALPHA CT FILTERED PCI/L	GACP GROSS ALPHA CT UNDISSOL PCI/L	GBCF GROSS BETA CT FILTERED PCI/L	GBCP GROSS BETA CT UNDISSOL PCI/L	UU238 URANIUM 238 UG/L
81 02 17 1120		.3	1	41.000	2.000	10.000	3.000	22.000
81 04 30 1145		.3	1	53.000	1.000<	14.000	1.000	31.000
81 06 23 1205		.3	1	61.000	1.000	19.000	2.000	38.000
81 07 31 1115		.3	1	92.000	3.000	14.000	11.000	64.000
81 09 10 1115		.3	1	75.000	2.000	31.000	6.000	51.000
81 10 13 1120		.3	1	190.000	3.000	26.000	12.000	130.000
81 12 02 1115		.3	1	77.000	1.000	12.000	6.000	44.000
	MAXIMUM			**190.000**	**3.000**	**31.000**	**12.000**	**130.000**
	ARITH MEAN			**84.143**	**2.000**	**18.000**	**5.857**	**54.286**
	GEOM MEAN			**75.026**	**1.817**	**16.686**	**4.329**	**46.692**
	MINIMUM			**41.000**	**1.000**	**10.000**	**1.000**	**22.000**
	STD DEV (GEOM *)			**49.613**	**0.894**	**7.810**	**4.298**	**36.040**
	# SAMPLES (IN STATISTICS)			**7**	**6**	**7**	**7**	**7**

B.O.W./ SITE: **CREEK OUTLET OF BENTLEY LAKE**
SAMPLE POINT: **UPSTR.OF MADAWASKA MINE TAILINGS 70 2**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-064-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0270350.0 4989350.0 4** REGION: **04** DISTANCE: **189.576**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
81 04 30 1130		.3	1	25497									
81 06 09 1641		.3	1	29007	6	20.0	7.5	0.014			0.350		
81 06 23 1150		.3	1	25522									
81 07 31 1100		.3	1	25553									
81 08 10 1610		.3	1	29027	6	23.0	7.5	0.012	0.002<	0.030	0.310	0.002	0.240
81 09 10 1100		.3	1	25571									
81 10 13 1105		.3	1	25577									
81 12 02 1100		.3	1	25609									
MAXIMUM						**23.0**	**7.5**	**0.014**		**0.030**	**0.350**	**0.002**	**0.240**
ARITH MEAN						**21.5**	**7.5**	**0.013**		**0.030**	**0.330**	**0.002**	**0.240**
GEOM MEAN						**21.4**	**7.5**	**0.013**			**0.329**		
MINIMUM						**20.0**	**7.5**	**0.012**		**0.030**	**0.310**	**0.002**	**0.240**
STD DEV (GEOM *)						**2.1**	**0.0**	**0.001**			**0.028**		
# SAMPLES (IN STATISTICS)						**2**	**2**	**2**		**1**	**2**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	RADIUM 226 FIL. PCI/L
81 04 30 1130		.3	1										1.000<
81 06 09 1641		.3	1				680.0	0.96	62.0	7.50	1.000<	0.200	
81 06 23 1150		.3	1										1.000<
81 07 31 1100		.3	1										1.000<
81 08 10 1610		.3	1	0.272	0.280	0.552	1000.0	0.90					
81 09 10 1100		.3	1										1.000<
81 10 13 1105		.3	1										1.000<
81 12 02 1100		.3	1										1.000<
MAXIMUM							**1000.0**	**0.96**	**62.0**	**7.50**		**0.200**	
ARITH MEAN							**840.0**	**0.93**	**62.0**	**7.50**		**0.200**	
GEOM MEAN							**824.6**	**0.93**					
MINIMUM							**680.0**	**0.90**	**62.0**	**7.50**		**0.200**	
STD DEV (GEOM *)							**226.3**	**0.04**					
# SAMPLES (IN STATISTICS)							**2**	**2**	**1**	**1**		**1**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
81 04 30 1130		.3	1	12.000	1.000<	6.000	1.000<	10.000<
81 06 23 1150		.3	1	9.000	1.000<	6.000	1.000	6.000
81 07 31 1100		.3	1	22.000	1.000	5.000	2.000	14.000
81 09 10 1100		.3	1	32.000	1.000	5.000	1.000	21.000
81 10 13 1105		.3	1	28.000	1.000<	4.000	2.000	19.000
81 12 02 1100		.3	1	25.000	1.000<	5.000	2.000	14.000
MAXIMUM				**32.000**	**1.000**	**6.000**	**2.000**	**21.000**
ARITH MEAN				**21.333**	**1.000**	**5.167**	**1.600**	**14.800**
GEOM MEAN				**19.395**	**1.000**	**5.119**	**1.516**	**13.623**
MINIMUM				**9.000**	**1.000**	**4.000**	**1.000**	**6.000**
STD DEV (GEOM *)				**9.070**	**0.000**	**0.753**	**0.548**	**5.805**
# SAMPLES (IN STATISTICS)				**6**	**2**	**6**	**5**	**5**

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **LOCK 25 LAKEFIELD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HJ002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-065-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0717900.0 4919875.0 4** REGION: **03** DISTANCE: **158.516**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISSOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
81 01 15 0900		.3	1	31040	6	91.000	1460C	2000	600>	64	0.0	13.6	1.0
81 02 26 1805		.3	1	31097	6	273.000					1.5	14.0	0.5
81 03 26 1015		.3	1	31062	6	65.700	10<	40A	4<	4	3.0	12.50	0.6
81 04 30 0840		.3	1	31138	6 8	63.800	80A	3000>	4	52	8.5	12.80	0.8
81 05 28 0940		.3	1	31200	6 8	109.000	120	1500>	4	8	16.5	10.20	0.6
81 06 16 1630		.3	1	31237	6 8	59.900	3100A	240000>	220	56	22.2	10.00	0.4
81 07 30 1100		.3	1	31321	6 8	24.900	580	3000>	30A	10<	19.0	10.5	0.8
81 08 19 1030		.3	1	31369	8	37.200	100A	33000	8	4	21.0	11.0	1.4
81 09 17 1030		.3	1	31444	8	88.900	450A	5100	50A	200	16.8	12.50	1.6
81 10 29 1410		.3	1	31505	8	118.000					8.0	12.60	1.0U
81 11 26 1000		.3	1	31567	8	131.000	20<	120A	10<	10<	1.8	14.90	1.0
81 12 08 1546		.3	1	31587	8	96.700	10<	70A	4<	4	2.0	14.60	0.4
MAXIMUM						**273.000**	**3100**	**33000**	**220**	**200**	**22.2**	**14.90**	**1.6**
ARITH MEAN						**96.592**	**841**	**6722**	**53**	**49**	**10.9**	**12.4**	**0.8**
GEOM MEAN						**81.325**	**380**	**695**	**19**	**19**	**7.2**	**12.3**	**0.8**
MINIMUM						**24.900**	**80**	**40**	**4**	**4**	**1.5**	**10.00**	**0.4**
STD DEV (GEOM *)						**63.995**	**4***	**15***	**5***	**5***	**8.3**	**1.6**	**0.4**
# SAMPLES (IN STATISTICS)						**12**	**7**	**6**	**6**	**8**	**11**	**12**	**12**

(CONTD)

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **LOCK 25 LAKEFIELD**
STATION TYPE: **RIVER FLOW GAUGE FED 02HJ002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-065-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0717900.0 4919875.0 4** REGION: **03** DISTANCE: **158.516**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 15 0900	.3	1	0.120	0.006	0.094	0.430	0.004	0.126		0.224	0.336	0.560
81 02 26 1805	.3	1	0.008	0.003	0.082	0.380	0.004	0.200		0.286	0.298	0.584
81 03 26 1015	.3	1	0.013	0.001<W	0.066	0.38	0.006	0.395	0.400	0.467	0.314	0.781
81 04 30 0840	.3	1	0.044	0.011	0.024	0.41	0.004	0.180	0.185	0.208	0.386	0.594
81 05 28 0940	.3	1	0.021	0.008	0.004	0.40	0.062	0.065	0.125	0.131	0.396	0.527
81 06 16 1630	.3	1	0.022	0.010	0.006	0.45	0.002	0.205	0.205	0.213	0.444	0.657
81 07 30 1100	.3	1	0.022	0.007	0.036	0.38	0.017	0.025	0.040	0.078	0.344	0.422
81 08 19 1030	.3	1	0.116	0.105	0.104	0.44	0.003	0.005<T	0.005	0.112	0.336	0.448
81 09 17 1030	.3	1	0.028	0.006	0.044	0.45	0.022	0.020	0.040	0.086	0.406	0.492
81 10 29 1410	.3	1	0.022	0.004	0.002	0.45	0.035	0.045	0.080	0.082	0.448	0.530
81 11 26 1000	.3	1	0.013	0.002	0.032	0.39	0.001	0.025	0.025	0.058	0.358	0.416
81 12 08 1546	.3	1	0.232		0.042	0.40	0.001	0.040	0.040	0.083	0.358	0.441
MAXIMUM			**0.232**	**0.105**	**0.104**	**0.45**	**0.062**	**0.395**	**0.400**	**0.467**	**0.448**	**0.781**
ARITH MEAN			**0.055**	**0.015<A**	**0.045**	**0.41**	**0.013**	**0.111<A**	**0.114**	**0.169**	**0.369**	**0.538**
GEOM MEAN			**0.032**	**0.006<A**	**0.027**	**0.41**	**0.006**	**0.061<A**	**0.064**	**0.139**	**0.366**	**0.529**
MINIMUM			**0.008**	**0.001**	**0.002**	**0.380**	**0.001**	**0.005**	**0.005**	**0.058**	**0.298**	**0.416**
STD DEV (GEOM *)			**0.068**	**0.030<A**	**0.035**	**0.02**	**0.019**	**0.116<A**	**0.121**	**0.119**	**0.048**	**0.107**
# SAMPLES (IN STATISTICS)			**12**	**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU
81 01 15 0900	.3	1	142.0	2.0	140.000	215.0		5.450		7.49	7.7		
81 02 26 1805	.3	1	130.0	3.0	127.000	195.0		4.900		7.44	7.2		
81 03 26 1015	.3	1	141		140	215	0.64	6.75	86	7.70	7.60		0.001<
81 04 30 0840	.3	1	138		133	205	1.30	5.50	83	7.98			
81 05 28 0940	.3	1	131		130	200	0.89		80	8.00	7.00		
81 06 16 1630	.3	1	149		140	215	1.20		88	7.82	7.80		
81 07 30 1100	.3	1			124	190	0.60		80	7.99	7.85		
81 08 19 1030	.3	1	125		124	190	0.31	4.65	79	8.21	8.15		
81 09 17 1030	.3	1			117	180	0.70		74	8.02	7.40		
81 10 29 1410	.3	1	126		124	190	0.88	5.15	69	7.82	7.50		0.003
81 11 26 1000	.3	1	118		117	180	1.14	5.35	76	8.01	7.60		0.003
81 12 08 1546	.3	1	125		124	190	1.45	4.95	75	8.14	8.30		0.002
MAXIMUM			**149**	**3.0**	**140.000**	**215.0**	**1.45**	**6.75**	**88**	**8.21**	**8.30**		**0.003**
ARITH MEAN			**132**	**2.5**	**128**	**197**	**0.91**	**5.33**	**79**	**7.88**	**7.6**		**0.003**
GEOM MEAN			**132**	**2.4**	**128**	**196**	**0.84**	**5.30**	**79**	**7.88**	**7.6**		**0.003**
MINIMUM			**118**	**2.0**	**117**	**180**	**0.31**	**4.65**	**69**	**7.44**	**7.00**		**0.002**
STD DEV (GEOM *)			**9**	**0.7**	**8**	**12**	**0.36**	**0.64**	**6**	**0.24**	**0.3**		**0.001**
# SAMPLES (IN STATISTICS)			**10**	**2**	**12**	**12**	**10**	**8**	**10**	**12**	**11**		**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 26 1015	.3	1	0.003<	0.003
81 10 29 1410	.3	1	0.003<	0.004
81 11 26 1000	.3	1	0.004	0.004
81 12 08 1546	.3	1	0.003<	0.002
MAXIMUM			**0.004**	**0.004**
ARITH MEAN			**0.004**	**0.003**
GEOM MEAN				**0.003**
MINIMUM			**0.004**	**0.002**
STD DEV (GEOM *)				**0.001**
# SAMPLES (IN STATISTICS)			**1**	**4**

B.O.W./ SITE: **OUSE RIVER**
SAMPLE POINT: **FIRST CONCESSION DOWNSTREAM FROM NORWOOD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-066-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0261800.0 4916875.0 4** REGION: **03** DISTANCE: **101.386**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1320	.3	1	31031	4	3800	12000	720	80I	0.0	10.8	1.4	0.050
81 02 18 1320	.3	1	31083	6	3000I	109000	572	1800	1.5	10.6	3.1	0.420
81 03 25 1410	.3	1	31050	6	50A	490	10A	10<	4.5	13.20	0.2<T	0.035
81 04 29 1105	.3	1	31129	8	690	3000>	24	4<	11.0	10.50	0.4	0.018
81 05 27 1445	.3	1	31191	6 8	1140A	8200	84	36	19.5	11.40	0.2	0.027
81 06 17 1435	.3	1	31249	6 8	2820A	30000	860	424	21.2	9.40	0.8	0.100
81 07 29 1415	.3	1	31310	6 8	5100A	240000>	1160	640	18.0	8.70	0.6	0.052
81 08 20 1612	.3	1	31383	8	2160A	3000>	120A	60A	21.5	11.90	0.8	0.058
81 09 16 1115	.3	1	31432	8	1600	19500	350	20A	16.0	12.60	1.0	0.070
81 10 28 1245	.3	1	31493	8	3600	21000	560	1210	7.5	12.90	0.4	0.048
81 11 25 1100	.3	1	31555	8	440	2000	60A	10<	2.0	13.70	0.8	0.017
81 12 09 0920	.3	1	31599	8	1000	2700	170	80A	0.0	14.20	4.0	0.035
MAXIMUM					**5100**	**109000**	**1160**	**1800**	**21.5**	**14.20**	**4.0**	**0.420**
ARITH MEAN					**2117**	**22766**	**391**	**483**	**12.3**	**11.6**	**1.1<A**	**0.077**
GEOM MEAN					**1346**	**8895**	**188**	**176**	**8.8**	**11.5**	**0.8<A**	**0.049**
MINIMUM					**50**	**490**	**10**	**20**	**1.5**	**8.70**	**0.2**	**0.017**
STD DEV (GEOM *)					**4***	**5***	**5***	**5***	**8.0**	**1.7**	**1.2<A**	**0.110**
# SAMPLES (IN STATISTICS)					**12**	**9**	**12**	**9**	**10**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1320		.3	1	0.003	0.044	0.700	0.006	1.040		1.090	0.656	1.746	345.0
81 02 18 1320		.3	1	0.200	0.450	1.480	0.025	1.020		1.495	1.030	2.525	237.0
81 03 25 1410		.3	1	0.012	0.014	0.32	0.002	0.580	0.580	0.596	0.306	0.902	257
81 04 29 1105		.3	1	0.004	0.018	0.40	0.004	0.350	0.355	0.372	0.382	0.754	259
81 05 27 1445		.3	1	0.008	0.012	0.49	0.034	0.475	0.510	0.521	0.478	0.999	264
81 06 17 1435		.3	1	0.071	0.006	0.88	0.003	0.375	0.380	0.384	0.874	1.258	270
81 07 29 1415		.3	1	0.018	0.002	0.57	0.077	0.647	0.720	0.726	0.568	1.294	268
81 08 20 1612		.3	1		0.014	0.55	0.045	0.685	0.730	0.744	0.536	1.280	267
81 09 16 1115		.3	1	0.019	0.022	0.78	0.015	0.410	0.425	0.447	0.758	1.205	
81 10 28 1245		.3	1	0.018	0.022	0.68	0.004	0.305	0.310	0.331	0.658	0.989	273
81 11 25 1100		.3	1	0.010	0.018	0.47	0.003	0.570	0.575	0.591	0.452	1.043	255
81 12 09 0920		.3	1	0.013	0.012	0.38	0.003	0.605	0.610	0.620	0.368	0.988	292
MAXIMUM				**0.200**	**0.450**	**1.480**	**0.077**	**1.040**	**0.730**	**1.495**	**1.030**	**2.525**	**345.0**
ARITH MEAN				**0.034**	**0.053**	**0.64**	**0.018**	**0.588**	**0.519**	**0.660**	**0.589**	**1.249**	**271**
GEOM MEAN				**0.016**	**0.018**	**0.58**	**0.009**	**0.548**	**0.500**	**0.599**	**0.554**	**1.185**	**270**
MINIMUM				**0.003**	**0.002**	**0.32**	**0.002**	**0.305**	**0.310**	**0.331**	**0.306**	**0.754**	**237.0**
STD DEV (GEOM *)				**0.058**	**0.126**	**0.31**	**0.023**	**0.240**	**0.149**	**0.335**	**0.217**	**0.475**	**27**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 14 1320		.3	1	24.0	321.0	520.0		9.550		7.78	8.1		
81 02 18 1320		.3	1	16.0	221.000	340.0		18.000		7.52	7.4		
81 03 25 1410		.3	1		253	430	1.00	8.00	198	8.01	8.40	0.003	0.003<
81 04 29 1105		.3	1		254	390	0.70	6.85	184	8.19	7.00		
81 05 27 1445		.3	1		260	400	1.20	6.75	194	8.37	7.90		
81 06 17 1435		.3	1		254	390	2.50	11.50	180	7.96	8.00		
81 07 29 1415		.3	1		263	420	0.89		205	7.95	7.85		
81 08 20 1612		.3	1		264	420	0.81		203	8.00	7.90		
81 09 16 1115		.3	1			430	3.20	8.65	214	8.07	7.80		
81 10 28 1245		.3	1		260	400	2.40	10.50	194	8.13	8.10	0.011	0.003<
81 11 25 1100		.3	1		252	415	0.98	10.50	208	8.08	7.90	0.004	0.004
81 12 09 0920		.3	1		290	450	0.90	9.55	218	8.21	8.05	0.010	0.006
MAXIMUM				**24.0**	**321.0**	**520.0**	**3.20**	**18.000**	**218**	**8.37**	**8.40**	**0.011**	**0.006**
ARITH MEAN				**20.0**	**262**	**417**	**1.46**	**9.98**	**200**	**8.02**	**7.8**	**0.007**	**0.005**
GEOM MEAN				**19.6**	**261**	**415**	**1.26**	**9.60**	**199**	**8.02**	**7.8**	**0.006**	**0.005**
MINIMUM				**16.0**	**221.000**	**340.0**	**0.70**	**6.75**	**180**	**7.52**	**7.00**	**0.003**	**0.004**
STD DEV (GEOM *)				**5.7**	**25**	**42**	**0.89**	**3.22**	**12**	**0.22**	**0.3**	**0.004**	**0.001**
# SAMPLES (IN STATISTICS)				**2**	**11**	**12**	**10**	**10**	**10**	**12**	**12**	**4**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 25 1410		.3	1	0.011
81 10 28 1245		.3	1	0.001
81 11 25 1100		.3	1	0.004
81 12 09 0920		.3	1	0.010
MAXIMUM				**0.011**
ARITH MEAN				**0.006**
GEOM MEAN				**0.005**
MINIMUM				**0.001**
STD DEV (GEOM *)				**0.005**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **BRIDGE STREET BRIDGE HASTINGS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-067-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0264175.0 4910125.0 4** REGION: **03** DISTANCE: **81.109**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1350		.3	1	31032	6	4	44	4<	4	0.0	13.0	0.8	0.016
81 02 18 1350		.3	1	31085	6	600C	3000	212	108	2.8	12.2	0.4	0.022
81 03 25 1444		.3	1	31052	6	10<	10A	4<	4<	4.0	13.90	0.4	0.164
81 04 29 1000		.3	1	31126	6 8	10A	130	4<	4<	9.9	12.80	1.4	0.018
81 05 27 0930		.3	1	31180	6 8	60A	1500	4<	4<	19.0	12.50	1.0	0.028
81 06 17 1150		.3	1	31244	6 8	180A	4600	16	4	22.0	9.90	0.6	0.048
81 07 29 1449		.3	1	31312	6 8	300A	4900	44	16	20.0	7.80	2.4	0.045
81 08 20 1043		.3	1	31385	8	360	540	10<	40A	21.0	10.80	4.4	0.227
81 09 16 1000		.3	1	31434		20A	2850	10<	10<	18.0	14.10	4.6	
81 10 28 0900		.3	1	31495	8	40A	320	10<	50A	8.0	13.50	1.2	0.422
81 11 25 1000		.3	1	31557	8	50A	60A	10<	10<	2.0	12.60	0.8	0.048
81 12 09 1005		.3	1	31601	8	30A	50A	10<	10<	0.5	14.60	0.8	0.028
MAXIMUM						**600**	**4900**	**212**	**108**	**22.0**	**14.60**	**4.6**	**0.422**
ARITH MEAN						**150**	**1500**	**91**	**37**	**11.6**	**12.3**	**1.6**	**0.097**
GEOM MEAN						**60**	**378**	**53**	**20**	**7.2**	**12.1**	**1.1**	**0.052**
MINIMUM						**4**	**10**	**16**	**4**	**0.5**	**7.80**	**0.4**	**0.016**
STD DEV (GEOM *)						**5***	**8***	**4***	**4***	**8.5**	**1.9**	**1.5**	**0.127**
# SAMPLES (IN STATISTICS)						**11**	**12**	**3**	**6**	**11**	**12**	**12**	**11**

(CONTD)

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **BRIDGE STREET BRIDGE HASTINGS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-067-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0264175.0 4910125.0 4** REGION: **03** DISTANCE: **81.109**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1350		.3	1	0.005	0.112	0.520	0.003	0.147		0.262	0.408	0.670	152.0
81 02 18 1350		.3	1	0.006	0.130	0.500	0.007	0.223		0.360	0.370	0.730	152.00
81 03 25 1444		.3	1		0.026	0.39					0.364		
81 04 29 1000		.3	1	0.001<W	0.032	0.42	0.004	0.110	0.115	0.146	0.388	0.534	136
81 05 27 0930		.3	1	0.012	0.048	0.47	0.050	0.010	0.060	0.108	0.422	0.530	135
81 06 17 1150		.3	1	0.011	0.006	0.60	0.014	0.120	0.135	0.140	0.594	0.734	134
81 07 29 1449		.3	1	0.009	0.246	0.80	0.015	0.005	0.015	0.266	0.554	0.820	150
81 08 20 1043		.3	1	0.155	0.400	1.04	0.006	0.010	0.015	0.416	0.640	1.056	145
81 09 16 1000		.3	1		0.276	1.02	0.072	0.010	0.080	0.358	0.744	1.102	
81 10 28 0900		.3	1		0.078	0.62					0.542		
81 11 25 1000		.3	1		0.026	0.41					0.384		
81 12 09 1005		.3	1		0.050	0.43					0.380		
MAXIMUM				**0.155**	**0.400**	**1.04**	**0.072**	**0.223**	**0.135**	**0.416**	**0.744**	**1.102**	**152.0**
ARITH MEAN				**0.028<A**	**0.119**	**0.60**	**0.021**	**0.079**	**0.070**	**0.257**	**0.482**	**0.772**	**143**
GEOM MEAN				**0.009<A**	**0.068**	**0.56**	**0.012**	**0.035**	**0.051**	**0.231**	**0.468**	**0.747**	**143**
MINIMUM				**0.001**	**0.006**	**0.39**	**0.003**	**0.005**	**0.015**	**0.108**	**0.364**	**0.530**	**134**
STD DEV (GEOM *)				**0.056<A**	**0.124**	**0.23**	**0.026**	**0.083**	**0.050**	**0.116**	**0.128**	**0.214**	**8**
# SAMPLES (IN STATISTICS)				7	12	12	8	8	6	8	12	8	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 14 1350		.3	1	2.0	150.000	230.0		7.650		7.61	7.5		
81 02 18 1350		.3	1	2.00	150.000	230.0	0.66	7.100		7.68	7.3		
81 03 25 1444		.3	1			240	0.85	6.85	97	8.03	8.50		
81 04 29 1000		.3	1		130	200	1.50	5.85	83	8.23	7.05		
81 05 27 0930		.3	1		130	200	1.80	6.40	80	8.44	8.00		
81 06 17 1150		.3	1		130	200	1.80		82	8.13	8.25		
81 07 29 1449		.3	1		143	220	3.20		97	8.01	8.30		
81 08 20 1043		.3	1		137	210	9.70		93	8.13	8.50		
81 09 16 1000		.3	1		150	230	1.17		96	8.00	8.40		
81 10 28 0900		.3	1			220	2.70	5.70	90	8.25	8.05	1<T	0.09
81 11 25 1000		.3	1			220	1.40	6.05	93	8.13	7.70	1<T	0.05
81 12 09 1005		.3	1			230	1.54	7.65	95	8.18	8.20	1<T	0.08
MAXIMUM				**2.0**	**150.000**	**240**	**9.70**	**7.65**	**97**	**8.44**	**8.50**	**1**	**0.09**
ARITH MEAN				**2.0**	**140**	**219**	**2.39**	**6.65**	**91**	**8.07**	**7.9**	**1<A**	**0.07**
GEOM MEAN				**2.0**	**139**	**218**	**1.78**	**6.61**	**90**	**8.07**	**7.9**	**1<A**	**0.07**
MINIMUM				**2.0**	**130**	**200**	**0.66**	**5.70**	**80**	**7.61**	**7.05**	**1**	**0.05**
STD DEV (GEOM *)				**0.0**	**9**	**13**	**2.53**	**0.77**	**7**	**0.23**	**0.4**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**2**	**8**	**12**	**11**	**8**	**10**	**12**	**12**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 25 1444		.3	1	0.001<	0.001	0.003<	0.002	0.002 <
81 09 16 1000		.3	1		0.004	0.003<	0.003	
81 10 28 0900		.3	1	0.001	0.006	0.003<	0.004	0.0020<
81 11 25 1000		.3	1	0.001<	0.005	0.005	0.005	0.0030
81 12 09 1005		.3	1	0.001<	0.001	0.003	0.004	0.002
MAXIMUM				**0.001**	**0.006**	**0.005**	**0.005**	**0.0030**
ARITH MEAN				**0.001**	**0.003**	**0.004**	**0.004**	**0.002**
GEOM MEAN					**0.003**	**0.004**	**0.003**	**0.002**
MINIMUM				**0.001**	**0.001**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)					**0.002**	**0.001**	**0.001**	**0.000**
# SAMPLES (IN STATISTICS)				1	5	2	5	2

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **NEW HIGHWAY 2 BRIDGE TRENTON**
STATION TYPE: **RIVER C FLOW GAUGE FED 02HK004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-068-83**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0293600.0 4886625.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 02 24 1100		.3	1	53000		590.000					0.122	0.016	
1500		.3	1	53001		590.000					0.075	0.014	
81 02 25 0830		.3	1	53002		630.000					0.072	0.011	
1545		.3	1	53003		630.000					0.072	0.009	
81 02 26 0930		.3	1	53004		655.000					0.034	0.011	
1310		.3	1	53005		655.000					0.070	0.008	
81 02 27 0910		.3	1	53006		661.000					0.038	0.007	
1215		.3	1	53007		661.000					0.040	0.007	
81 03 02 1200		.3	1	53009		621.000					0.050	0.006	
81 03 03 0900		.3	1	53010		596.000					0.036	0.007	
1130		.3	1	53011		596.000					0.038	0.007	
81 03 04 0900		.3	1	53012		563.000					0.030	0.003	
1200		.3	1	53013		563.000					0.029	0.004	
81 03 05 0930		.3	1	53014		544.000					0.028	0.004	

(CONTD)

TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	FCMF	FSMF	FWTEMP	DO	PPUT	PPO4FR	NNTKUR
	1130	3 1	53015		544.000					0.028	0.008	
81 03 06	0915	3 1	53016		527.000							
	1200	3 1	53017		527.000					0.030	0.006	
81 03 09	0930	3 1	53018		449.000					0.020	0.002	
	1145	3 1	53019		449.000					0.023	0.002	
81 03 10	0915	3 1	53020		383.000					0.022	0.001	
81 03 11	1010	3 1	53021		331.000					0.019	0.001<	
81 03 12	1035	3 1	53022		244.000					0.020	0.001<	
81 03 13	1135	3 1	53023		221.000					0.015	0.001<	
81 03 16	1100	3 1	53024		219.000					0.024	0.001	
81 03 17	1045	3 1	53025		208.000					0.024	0.003	
81 03 18	0945	3 1	53026		179.000					0.019	0.002	
81 03 19	1115	3 1	53027		163.000					0.020	0.002	
81 03 20	1120	3 1	53028		144.000					0.012	0.018	
81 03 23	1115	3 1	53029		153.000					0.014	1.000<	
81 03 26	1120	3 1	53030		145.000					0.016	1.000<	
81 03 30	1150	3 1	53031		114.000					0.016	1.000<	
81 04 02	1100	3 1	53032		223.000					0.027	0.003	
81 04 06	1045	3 1	53033		245.000					0.025	0.003	
81 04 09	1045	3 1	53034		274.000					0.026	0.001	
81 04 13	1040	3 1	53035		281.000					0.035	0.003	
81 04 16	1125	3 1	53036		226.000					0.028	0.002	
81 04 20	1130	3 1	53037		224.000					0.026	0.007	
81 04 23	1130	3 1	53038		182.000					0.026	0.002	
81 04 27	1200	3 1	53039		184.000					0.024	0.001<	
81 04 30	1045	3 1	53040		151.000					0.031	0.001<W	
81 05 04	1030	3 1	53041		159.000					0.011	0.001<T	
81 05 05	0920	3 1	26300	6	151.000	8	12	12.0	10.0		0.002	
81 05 07	1030	3 1	53042		121.000					0.022	0.002	
81 05 12		3 1	53043		144.000					0.027	0.004	
81 05 14	1115	3 1	53044		209.000					0.060	0.006	
81 05 19	1100	3 1	53045		179.000					0.034	0.007	
81 05 21	0850	3 1	53046		165.000					0.045	0.007	
81 05 25	1100	3 1	53047		147.000					0.023	0.008	
81 05 28	1030	3 1	53048		201.000					0.035	0.008	
81 06 01	1125	3 1	53049		152.000					0.030	0.007	
81 06 02	0930	3 1	26305	9 5	113.000	108	4<	16.0	8.0	0.032	0.006	0.540
81 06 08		3 1	53050		77.500					0.038	0.005	
81 06 15	1115	3 1	53051		71.000					0.035	0.009	
81 06 22	1045	3 1	53052		109.000					0.032	0.017	
81 06 25	1145	3 1	53053		172.000					0.070	0.011	
81 06 29		3 1	53054		92.000					0.042	0.005	
81 06 30	0930	3 1	26310	9 5	68.000	4	4<	22.0	8.0	0.002	0.006	0.590
81 07 06	1115	3 1	53055		73.000					0.042	0.003	
81 07 17		3 1	53056		21.400					0.038	0.013	
81 07 20	1040	3 1	53057		26.500					0.032	0.010	
81 07 27	1030	3 1	53058		25.900					0.048	0.009	
81 07 31		3 1	53059		56.800					0.065	0.019	
81 08 04	1115	3 1	53060		40.000					0.060	0.012	
81 08 10	1115	3 1	53061		54.300					0.040	0.011	
81 08 17	1100	3 1	53062		88.600					0.050	0.010	
81 08 24	1145	3 1	53063		44.200						0.008	
81 08 27	1100	3 1	53064		39.000					0.060	0.001<T	
81 08 31	1120	3 1	53065		36.100					0.045	0.006	
81 09 01	1000	3 1	26320	9 5	29.400	20	48	21.0	7.0	0.034	0.002	0.81
81 09 08	1100	3 1	53066		198.000					0.055	0.050	
81 09 14	1100	3 1	53067		202.000					0.035	0.005	
81 09 21	1115	3 1	53068		129.000					0.050	0.003	
81 09 24	1120	3 1	53069		128.000					0.042	0.002	
81 09 28	1210	3 1	53070		93.400					0.065	0.002	
81 10 05	0930	3 1	26325	9 5	133.000	4<	64	10.0	10.0			
	1100	3 1	53071		133.000					0.058	0.009	
81 10 13	1100	3 1	53072		129.000					0.058	0.003	
81 10 19	1030	3 1	53073		155.000					0.068	0.179	
81 10 26	1100	3 1	53074		182.000					0.058	0.008	
81 10 29	0945	3 1	53075		225.000					0.100	0.014	
81 11 02	1100	3 1	53076		244.000					0.040	0.007	
81 11 03	0930	3 1	26330	9 6	235.000	16	12	6.0	10.0	0.032	0.002	0.570
81 11 09	1045	3 1	53077		170.000					0.032	0.005	
81 11 16	1100	3 1	53078		130.000							
81 11 23	1040	3 1	53079		237.000					0.030	0.003	
81 11 26	1030	3 1	53080		227.000					0.015	0.002	
81 11 30	1055	3 1	53081		192.000					0.018	0.003	
81 12 01	0940	3 1	26335	9 6	160.000	24	16	1.0	12.0			
81 12 07	1035	3 1	53082		181.000					0.020	0.002	
81 12 14	1115	3 1	53083		140.000					0.032	0.003	
81 12 21	1045	3 1	53084		117.000					0.058	0.003	
81 12 28	1100	3 1	55085		96.200					0.020	0.002	
	MAXIMUM				**661.000**	**108**	**64**	**22.0**	**12.0**	**0.122**	**0.179**	**0.81**
	ARITH MEAN				**241.818**	**30**	**30**	**12.6**	**9.3**	**0.038**	**0.009<A**	**0.62**
	GEOM MEAN				**177.894**	**17**	**23**	**9.1**	**9.2**	**0.033**	**0.005<A**	**0.61**
	MINIMUM				**21.400**	**4**	**12**	**1.0**	**7.0**	**0.002**	**0.001**	**0.540**
	STD DEV (GEOM *)				**188.574**	**3***	**2***	**7.7**	**1.7**	**0.020**	**0.020<A**	**0.12**
	# SAMPLES (IN STATISTICS)				**92**	**6**	**5**	**7**	**7**	**86**	**81**	**4**

TEST-NAME:			NNO2FR	NNO3FR	NNOTFR	NNKI	RSP	RSF	COND25	ALKT	PH	ASUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH	ARSENIC UNF.TOT. MG/L AS AS
81 02 24 1100		3 1		0.579			38.0		240.0			
1500		3 1		0.589			53.0		240.0			
81 02 25 0830		3 1		0.589			36.0		240.0			
1545		3 1		0.559			51.0		235.0			
81 02 26 0930		3 1		0.490			22.0		235.0			
1310		3 1		0.452			20.0		240.0			
81 02 27 0910		3 1		0.473			16.0		235.0			
1215		3 1		0.476			15.0		235.0			
81 03 02 1200		3 1		0.470			9.0		235.0			
81 03 03 0900		3 1		0.454			9.0		235.0			
1130		3 1		0.449			9.0		235.0			
81 03 04 0900		3 1		0.441			6.0		230.0			
1200		3 1		0.437			7.0		235.0			
81 03 05 0930		3 1		0.459			6.0		240.0			
1130		3 1		0.443			5.0		230.0			
1200		3 1		0.392			6.0		225.0			
81 03 09 0930		3 1		0.332			5.0					
1145		3 1		0.328			4.0					
81 03 10 0915		3 1		0.354			4.0		225.0			
81 03 11 1010		3 1		0.326			3.0		225.0			
81 03 12 1035		3 1		0.355			4.0		230.0			
81 03 13 1135		3 1		0.335			3.0		220.0			
81 03 16 1100		3 1		0.330			6.0		220.0			
81 03 17 1045		3 1		0.370			5.0		225.0			

(CONTD)

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **NEW HIGHWAY 2 BRIDGE TRENTON**
STATION TYPE: **RIVER C FLOW GAUGE FED 02HK004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-068-83**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0293600.0 4886625.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNKI*	*RSP*	*RSF*	*COND25*	*ALKT*	*PH*	*ASUT*
81 03 18 0945		.3	1		0.316			5.0		220.0			
81 03 19 1115		.3	1		0.350			5.0		230.0			
81 03 20 1120		.3	1		0.325			3.0		235.0			
81 03 23 1115		.3	1		0.305			2.0		240.0			
81 03 26 1120		.3	1		0.295			2.0		240.0			
81 03 30 1150		.3	1		0.235			4.0		255.0			
81 04 02 1100		.3	1		0.301			5.0		250.0			
81 04 06 1045		.3	1		0.267			7.0		250.0			
81 04 09 1045		.3	1		0.178			8.0		230.0			
81 04 13 1040		.3	1		0.208			11.0		230.0			
81 04 16 1125		.3	1		0.182			12.0		220.0			
81 04 20 1130		.3	1		0.155			8.0		225.0			
81 04 23 1130		.3	1		0.188			6.0		225.0			
81 04 27 1200		.3	1		0.126			3.0		235.0			
81 04 30 1045		.3	1	0.004	0.085	0.090		4					
81 05 04 1030		.3	1	0.003	0.020	0.025		4					
81 05 05 0920		.3	1	0.004	0.040			4.00	146.000				0.001<
81 05 07 1030		.3	1	0.016	0.005<T	0.020		4					
81 05 12		.3	1	0.009	0.005	0.015		4					
81 05 14 1115		.3	1	0.023	0.060	0.085		7					
81 05 19 1100		.3	1	0.007	0.010	0.015		7					
81 05 21 0850		.3	1	0.014	0.010	0.025		5					
81 05 25 1100		.3	1	0.067	0.005<T	0.070		6					
81 05 28 1030		.3	1	0.029	0.045	0.075		5					
81 06 01 1125		.3	1	0.010	0.050	0.060		6					
81 06 02 0930		.3	1	0.004	0.040		0.584	6.00	146.000	225.0	93.0	7.90	0.001<
81 06 08		.3	1	0.006	0.010	0.015		4					
81 06 15 1115		.3	1	0.037	0.085	0.120		5					
81 06 22 1045		.3	1	0.059	0.085	0.145		4					
81 06 25 1145		.3	1	0.004	0.160	0.165		7					
81 06 29		.3	1	0.050	0.030	0.085		6					
81 06 30 0930		.3	1	0.016	0.020		0.626	5.00	140.000	215.0	98.0	7.80	0.001<
81 07 06 1115		.3	1	0.022	0.133	0.155		11					
81 07 17		.3	1	0.003	0.435	0.440		3					
81 07 20 1040		.3	1	0.011	0.005<T	0.010		4					
81 07 27 1030		.3	1			0.155		3.0					
81 07 31		.3	1	0.001	0.285	0.285		4.2					
81 08 04 1115		.3	1	0.000	0.125	0.210		4.7					
81 08 10 1115		.3	1	0.006	0.170	0.175		3.3					
81 08 17 1100		.3	1	0.047	0.105	0.150		5.5					
81 08 24 1145		.3	1	0.060	0.080	0.140		5.2					
81 08 27 1100		.3	1	0.001<T	0.010	0.010		1.2					
81 08 31 1120		.3	1	0.029	0.005	0.035		5.2					
81 09 01 1000		.3	1	0.006	0.02 <		0.836		107	230	99	7.8	0.001<
81 09 08 1100		.3	1	0.036	0.190	0.230		7.4					
81 09 14 1100		.3	1	0.013	0.060	0.075		9.1					
81 09 21 1115		.3	1	0.006	0.030	0.040		6.5					
81 09 24 1120		.3	1	0.006	0.065	0.070		6.2					
81 09 28 1210		.3	1	0.022	0.120	0.140		4.9					
81 10 05 0930		.3	1										0.001<
1100		.3	1	0.038	0.190	0.230		6.0					
81 10 13 1100		.3	1	0.017	0.125	0.140		5.0					
81 10 19 1030		.3	1	0.006	0.180	0.185		7.0					
81 10 26 1100		.3	1	0.001	0.070	0.070		7.0					
81 10 29 0945		.3	1	0.009	0.120	0.130		10.0					
81 11 02 1100		.3	1	0.014	0.135	0.150		11.4					
81 11 03 0930		.3	1	0.004	0.040		0.614	8.00	156.000	240.0	111.0	7.80	0.001<
81 11 09 1045		.3	1	0.009	0.085	0.095		5.6					
81 11 16 1100		.3	1					2.7					
81 11 23 1040		.3	1	0.004	0.110	0.115		2.9					
81 11 26 1030		.3	1	0.004	0.075	0.080		2.3					
81 11 30 1055		.3	1	0.003	0.095	0.100		3.0					
81 12 01 0940		.3	1										0.001<
81 12 07 1035		.3	1	0.003	0.135	0.140		1.6					
81 12 14 1115		.3	1	0.003	0.175	0.180		2.0					
81 12 21 1045		.3	1	0.008	0.160	0.170		3.4					
81 12 28 1100		.3	1	0.006	0.175	0.180		1.2					
MAXIMUM				**0.067**	**0.589**	**0.440**	**0.626**	**53.0**	**156.000**	**255.0**	**111.0**	**7.90**	
ARITH MEAN				**0.016<A**	**0.214<A**	**0.118**	**0.608**	**7**	**139**	**232**	**100**	**7.8**	
GEOM MEAN				**0.009<A**	**0.124<A**	**0.085**	**0.608**	**5**	**137**	**232**	**100**	**7.8**	
MINIMUM				**0.001**	**0.005**	**0.010**	**0.584**	**1.2**	**107**	**215.0**	**93.0**	**7.80**	
STD DEV (GEOM *)				**0.017<A**	**0.170<A**	**0.084**	**0.022**	**8**	**18**	**8**	**7**	**0.0**	
# SAMPLES (IN STATISTICS)				**48**	**86**	**45**	**3**	**88**	**5**	**40**	**4**	**4**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L
TEST-NAME:				*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*NIUT*	*P1PCBT*
81 02 24 1100		.3	1	0.040<		0.003	0.003<	0.0004			
1500		.3	1	0.040<		0.007	0.003	0.0004			
81 02 25 0830		.3	1	0.040<		0.003	0.003	0.0002<			
81 02 26 0930		.3	1	0.040<		0.003	0.005	0.0004			
1310		.3	1	0.040<		0.003	0.003<	0.0003			
81 02 27 0910		.3	1	0.050<		0.002	0.003<	0.0002<			
1215		.3	1	0.050<		0.004	0.003<	0.0002<			
81 03 02 1200		.3	1	0.050<		0.002	0.003	0.0004			
81 03 03 0900		.3	1	0.050<		0.001	0.004	0.0003			
1130		.3	1			0.001<	0.003<	0.0002<			
1200		.3	1	0.050<		0.012	0.020	0.0002<			
81 03 05 0930		.3	1	0.060		0.005	0.003<	0.0003			
1130		.3	1	0.040<		0.003	0.006	0.0002<			
81 03 06 0915		.3	1	0.040<		0.001<	0.003<	0.0002<			
1200		.3	1	0.040<		0.002	0.003	0.0002<			
81 03 09 0930		.3	1	0.040<		0.021	0.010	0.0002<			
1145		.3	1	0.040<		0.005	0.003<	0.0002<			
81 03 10 0915		.3	1	0.040<		0.002	0.003<	0.0003			
81 03 11 1010		.3	1	0.040<		0.003	0.003<	0.0002<			
81 03 12 1035		.3	1	0.040<		0.002	0.003<	0.0002<			
81 03 13 1135		.3	1	0.040<		0.001<	0.003<	0.0002<			

(CONTD)

TEST-NAME:			HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT	NIUT	P1PCBT
81 03 16 1100	.3	1	0.040<		0.001<	0.003<	0.0002<			
81 03 18 0945	.3	1	0.040<		0.003	0.003<	0.0002<			
81 03 19 1115	.3	1	0.04 <		0.004	0.003<	0.0002<			
81 03 20 1120	.3	1	0.050<		0.002	0.003<	0.0002<			
81 03 23 1115	.3	1	0.050<		0.002	0.003<	0.0002<			
81 03 26 1120	.3	1	0.030<		0.002	0.003<	0.0002<			
81 03 30 1150	.3	1	0.040<		0.002	0.003<	0.0002<			
81 04 02 1100	.3	1	0.040<		0.001<	0.003<	0.0002<			
81 04 06 1045	.3	1	0.040<		0.002	0.003<	0.0002<			
81 04 09 1045	.3	1	0.130		0.003	0.003<	0.0002<			
81 04 13 1040	.3	1	0.040<		0.001	0.003<	0.0002<			
81 04 16 1125	.3	1	0.040<		0.001	0.003<	0.0002<			
81 04 20 1130	.3	1	0.040<		0.001<	0.003<	0.0002<			
81 04 23 1130	.3	1	0.050<		0.001<	0.004	0.0003			
81 04 27 1200	.3	1	0.060<		0.001<	0.003<	0.0002<			
81 04 30 1045	.3	1	0.05 <		0.001<	0.003<	0.0002<			
81 05 04 1030	.3	1	0.06 <		0.003	0.003<	0.0002<			
81 05 05 0920	.3	1			0.001<	0.003<		0.001<	0.002<	
81 05 07 1030	.3	1			0.001<	0.003<	0.0002<			
81 05 12	.3	1			0.003	0.003<	0.0003			
81 05 14 1115	.3	1	0.04 <		0.004	0.003<	0.0009			
81 05 19 1100	.3	1			0.002	0.003<	0.0002<			
81 05 21 0850	.3	1	0.08 <		0.001<	0.003<	0.0002<			
81 05 25 1100	.3	1			0.001<	0.003<	0.0002<			
81 05 28 1030	.3	1			0.001<	0.008	0.0002<			
81 06 01 1125	.3	1			0.002	0.010	0.0002<			
81 06 02 0930	.3	1	0.060	0.003	0.002	0.003<	0.0002	0.006		
81 06 08	.3	1			0.001<	0.003<	0.0003			
81 06 15 1115	.3	1			0.004	0.001	0.0002			
81 06 22 1045	.3	1			0.001<	0.003<	0.0002<			
81 06 25 1145	.3	1			0.004	0.003<	0.0004			
81 06 29	.3	1			0.002	0.003<	0.0002<			
81 06 30 0930	.3	1	0.070<	0.002<	0.001<	0.003<	0.0002<	0.001		20<W
81 07 06 1115	.3	1			0.002	0.003<	0.0002<			
81 07 17	.3	1			0.004	0.003<	0.0003			
81 07 20 1040	.3	1			0.002	0.003<	0.0002<			
81 07 27 1030	.3	1	0.05 <		0.004	0.003<	0.0005			
81 07 31	.3	1			0.004	0.003	0.0003			
81 08 04 1115	.3	1			0.003	0.003<	0.0001<			
81 08 10 1115	.3	1			0.001	0.003<	0.0002<			
81 08 17 1100	.3	1			0.009	0.004	0.0003			
81 08 24 1145	.3	1			0.006	0.003	0.0005			
81 08 27 1100	.3	1	0.03 <		0.011	0.006	0.0010			
81 08 31 1120	.3	1			0.005	0.003<	0.0002			
81 09 01 1000	.3	1	0.040<	0.002<	0.018	0.003<	0.0002<	0.001<		20<W
81 09 08 1100	.3	1			0.004	0.003<	0.0002<			
81 09 14 1100	.3	1			0.003	0.005	0.0001			
81 09 24 1120	.3	1	0.04 <		0.011	0.010	0.0004			
81 09 28 1210	.3	1			0.006	0.003<	0.0004			
81 10 05 0930	.3	1		0.002	0.002	0.004	0.0001	0.001		
1100	.3	1			0.006	0.003<	0.0014			
81 10 19 1030	.3	1			0.002	0.003<	0.0001			
81 10 26 1100	.3	1			0.005	0.008	0.0008			
81 10 29 0945	.3	1	0.03 <		0.006	0.005	0.0008			
81 11 02 1100	.3	1			0.003	0.003<	0.0001<			
81 11 03 0930	.3	1	0.050<	0.002<	0.011	0.003<	0.0002<	0.001		20<W
81 11 09 1045	.3	1	0.00		0.006	0.007	0.0017			
81 11 16 1100	.3	1			0.003	0.005	0.0003			
81 11 23 1040	.3	1			0.005	0.003	0.0003			
81 11 26 1030	.3	1	0.06 <		0.003	0.003<	0.0004			
81 11 30 1055	.3	1			0.003	0.003<	0.0002			
81 12 01 0940	.3	1	0.030<	0.002<	0.001	0.003<	0.0007	0.001		
81 12 07 1035	.3	1			0.003	0.003<	0.0001			
81 12 14 1115	.3	1			0.003	0.004	0.0002			
81 12 21 1045	.3	1			0.005	0.006	0.0001			
81 12 28 1100	.3	1	0.03 <		0.004	0.003<	0.0005			
MAXIMUM			**0.130**	**0.003**	**0.021**	**0.020**	**0.0017**	**0.006**		
ARITH MEAN			**0.083**	**0.002**	**0.004**	**0.006**	**0.0004**	**0.002**		
GEOM MEAN			**0.078**	**0.002**	**0.003**	**0.005**	**0.0003**	**0.001**		
MINIMUM			**0.060**	**0.002**	**0.001**	**0.001**	**0.0001**	**0.001**		
STD DEV (GEOM *)			**0.040**	**0.001**	**0.004**	**0.004**	**0.0003**	**0.002**		
# SAMPLES (IN STATISTICS)			**3**	**2**	**70**	**27**	**40**	**5**		

B.O.W./ SITE: **BAXTER CREEK**
SAMPLE POINT: **1.5 MILES DOWNSTREAM FROM MILLBROOK**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HJ104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-069-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0707010.0 4893900.0 4** REGION: **03** DISTANCE: **134.055**

TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1500		.3	1	31035	4	2860C	4000	1080	56	0.0	15.2	1.2	0.039
81 02 18 1620		.3	1	31088	6 3	6000I	240000	470	900	1.0	12.5	3.0	0.190
81 03 25 1647		.3	1	31057		30A	480	I0<	0	8.0	12.80	0.2<T	0.145
81 04 29 1420		.3	1	31133	6 8	200	1900	4<	10A	12.0	10.40	0.4	0.019
81 05 27 1630		.3	1	31195	6 8 9	710A	8800	324	32	16.5	12.20	0.4	0.272
81 06 17 0920		.3	1	31239	6 8	2320A	32000	1430	710	18.0	11.80	1.2	0.058
81 07 30 0840		.3	1	31316	6 8	420	3000>	70A	70A	18.0	10.0	1.0	0.021
81 08 20 0740		.3	1	31390	8	3400A	15000>	60A	160A	14.4	9.40	3.4	0.028
81 09 16 1430		.3	1	31439	8	190A	2900	10<	10A	14.0	15.80	0.4	0.028
81 10 28 1540		.3	1	31500	8	3600A	43000	260	400	8.2	12.60	0.6	0.048
81 11 25 1334		.3	1	31562	8	420	1300	130	20A	1.0	14.70	0.6	0.015
81 12 09 1225		.3	1	31606	8	710A	2700	200	20A	0.8	14.80	0.4	0.050
MAXIMUM						**6000**	**240000**	**1430**	**900**	**18.0**	**15.80**	**3.4**	**0.272**
ARITH MEAN						**1738**	**33708**	**447**	**217**	**10.2**	**12.6**	**1.1<A**	**0.076**
GEOM MEAN						**778**	**6358**	**266**	**70**	**6.4**	**12.5**	**0.7<A**	**0.049**
MINIMUM						**30**	**480**	**60**	**10**	**0.8**	**9.40**	**0.2**	**0.015**
STD DEV (GEOM *)						**5***	**7***	**3***	**5***	**6.8**	**2.1**	**1.1<A**	**0.082**
# SAMPLES (IN STATISTICS)						**12**	**10**	**9**	**11**	**11**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **BAXTER CREEK**
SAMPLE POINT: **1.5 MILES DOWNSTREAM FROM MILLBROOK**
STATION TYPE: **RIVER FLOW GAUGE MOE 02HJ104**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-069-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0707010.0 4893900.0 4** REGION: **03** DISTANCE: **134.055**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1500		.3	1	0.013	0.114	0.390	0.009	0.836		0.959	0.276	1.235	280.0
81 02 18 1620		.3	1	0.053	0.196	0.920	0.022	0.820		1.038	0.724	1.762	177.0
81 03 25 1647		.3	1	0.005	0.008	0.41	0.012	0.770	0.780	0.790	0.402	1.192	239
81 04 29 1420		.3	1	0.004	0.016	0.24	0.007	0.660	0.665	0.683	0.224	0.907	263
81 05 27 1630		.3	1	0.089	0.024	1.55	0.004	1.450	1.450	1.478	1.526	3.004	447
81 06 17 0920		.3	1	0.023	0.028	0.45	0.043	0.510	0.555	0.581	0.422	1.003	263
81 07 30 0840		.3	1	0.010	0.002	0.15	0.018	0.475	0.495	0.495	0.148	0.643	246
81 08 20 0740		.3	1	0.007	0.008	0.29	0.063	0.535	0.600	0.606	0.282	0.888	258
81 09 16 1430		.3	1	0.011	0.006	0.20	0.031	0.585	0.615	0.622	0.194	0.816	
81 10 28 1540		.3	1	0.015	0.022	0.42	0.003	0.640	0.645	0.665	0.398	1.063	292
81 11 25 1334		.3	1	0.007	0.008	0.19	0.003	0.805	0.810	0.816	0.182	0.998	262
81 12 09 1225		.3	1	0.009	0.036	0.27	0.006	0.775	0.785	0.817	0.234	1.051	270
MAXIMUM				**0.089**	**0.196**	**1.55**	**0.063**	**1.450**	**1.450**	**1.478**	**1.526**	**3.004**	**447**
ARITH MEAN				**0.020**	**0.039**	**0.45**	**0.018**	**0.738**	**0.740**	**0.796**	**0.418**	**1.213**	**272**
GEOM MEAN				**0.013**	**0.018**	**0.35**	**0.012**	**0.706**	**0.707**	**0.762**	**0.329**	**1.115**	**266**
MINIMUM				**0.004**	**0.002**	**0.15**	**0.003**	**0.475**	**0.495**	**0.495**	**0.148**	**0.643**	**177.0**
STD DEV (GEOM *)				**0.025**	**0.058**	**0.40**	**0.019**	**0.258**	**0.270**	**0.267**	**0.383**	**0.627**	**65**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*
81 01 14 1500		.3	1	13.0	267.000	410.0		4.350		7.91	8.3		
81 02 18 1620		.3	1	14.0	163.000	250.0		11.000		7.66	7.8		
81 03 25 1647		.3	1		235	405	1.80	7.05	128	8.36	8.60	0.001<	0.003<
81 04 29 1420		.3	1		255	415	2.10	7.20	195	8.35	7.40		
81 05 27 1630		.3	1		260	400	19.00	5.35	190	7.91	8.00		
81 06 17 0920		.3	1		247	380	6.00		183	8.06	8.10		
81 07 30 0840		.3	1		241	370	0.69		186	8.08	8.05		
81 08 20 0740		.3	1		247	380	1.55		189	7.86	7.80		
81 09 16 1430		.3	1		260	400	2.50		200	8.46	8.20		
81 10 28 1540		.3	1		276	470	3.90	13.00	221	8.24	8.10	0.006	0.003<
81 11 25 1334		.3	1		259	440	2.40	8.25	221	8.51	8.50	0.007	0.003<
81 12 09 1225		.3	1		248	425	8.60	6.75	166	8.32	7.50	0.010	0.005
MAXIMUM				**14.0**	**276**	**470**	**19.00**	**13.00**	**221**	**8.51**	**8.60**	**0.010**	**0.005**
ARITH MEAN				**13.5**	**246**	**395**	**4.85**	**7.86**	**188**	**8.14**	**8.0**	**0.008**	**0.005**
GEOM MEAN				**13.5**	**244**	**391**	**3.14**	**7.44**	**186**	**8.14**	**8.0**	**0.007**	
MINIMUM				**13.0**	**163.000**	**250.0**	**0.69**	**4.350**	**128**	**7.66**	**7.40**	**0.006**	**0.005**
STD DEV (GEOM *)				**0.7**	**28**	**53**	**5.51**	**2.86**	**27**	**0.27**	**0.3**	**0.002**	
# SAMPLES (IN STATISTICS)				**2**	**12**	**12**	**10**	**8**	**10**	**12**	**12**	**3**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 03 25 1647		.3	1	0.002
81 10 28 1540		.3	1	0.003
81 11 25 1334		.3	1	0.006
81 12 09 1225		.3	1	0.008
MAXIMUM				**0.008**
ARITH MEAN				**0.005**
GEOM MEAN				**0.004**
MINIMUM				**0.002**
STD DEV (GEOM *)				**0.003**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **OTONABEE RIVER**
SAMPLE POINT: **AT LOCK NO 19 DAM PETERBOROUGH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-070-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0713800.0 4907250.0 4** REGION: **03** DISTANCE: **144.676**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1535		.3	1	31037	6	340	540	124	8	0.0	14.6	0.6	0.012
81 02 18 1545		.3	1	31090	6	940	4600	80	156	1.0	14.2	0.4	0.025
81 03 25 1735		.3	1	31059	6	20A	260	4	4	4.0	13.50	0.6	0.176
81 04 29 1505		.3	1	31135		190	3000>	20	12	10.0	12.40	1.2	0.016
81 05 27 1710		.3	1	31197	6 8	1430A	14000	232	20	16.8	11.80		
81 06 17 1530		.3	1	31251	6 8	2480A	26000	750	108	22.0	10.40	0.8	0.028
81 07 30 1000		.3	1	31319	6 8	3000>	3000>	20A	10A	19.8	9.40	0.4	0.025
81 08 21 0740		.3	1	31392	8	100<	100A	10<	10A	19.5	10.20	1.0	0.114
81 09 16 1510		.3	1	31441	8	310A	4900	10<	170	18.2	13.70	1.8	0.035
81 10 28 1640		.3	1	31502	8	420A	3300	40A	80A	9.5	13.90	0.4	0.019
81 11 25 1428		.3	1	31564	8	40A	360	10A	10A	3.0	13.80	0.2<T	0.016
81 12 09 1432		.3	1	31608	8	20A	160	10<	10<	1.0	14.80	0.8	0.015
MAXIMUM						**2480**	**26000**	**750**	**170**	**22.0**	**14.80**	**1.8**	**0.176**
ARITH MEAN						**619**	**5422**	**142**	**53**	**11.3**	**12.7**	**0.7<A**	**0.044**
GEOM MEAN						**232**	**1362**	**47**	**24**	**7.3**	**12.5**	**0.6<A**	**0.029**
MINIMUM						**20**	**100**	**4**	**4**	**1.0**	**9.40**	**0.2**	**0.012**
STD DEV (GEOM *)						**6***	**7***	**5***	**4***	**8.2**	**1.8**	**0.5<A**	**0.052**
# SAMPLES (IN STATISTICS)						**10**	**10**	**9**	**11**	**11**	**12**	**11**	**11**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 14 1535		.3	1	0.004	0.072	0.440	0.005	0.140		0.217	0.368	0.585	132.0
81 02 18 1545		.3	1	0.004	0.088	0.470	0.007	0.208		0.303	0.382	0.685	146.0
81 03 25 1735		.3	1		0.046	0.37					0.324		
81 04 29 1505		.3	1	0.001<W	0.052	0.38	0.004	0.175	0.180	0.231	0.328	0.559	136
81 06 17 1530		.3	1	0.016	0.004	0.44	0.002	0.220	0.220	0.226	0.436	0.662	141
81 07 30 1000		.3	1	0.008	0.030	0.37	0.031	0.035	0.065	0.096	0.340	0.436	
81 08 21 0740		.3	1	0.097	0.008	0.45	0.001<T	0.200	0.200	0.209	0.442	0.651	133
81 09 16 1510		.3	1		0.054	0.50					0.446		
81 10 28 1640		.3	1		0.040	0.44					0.400		
81 11 25 1428		.3	1		0.030	0.37					0.340		
81 12 09 1432		.3	1		0.034	0.41					0.376		
	MAXIMUM			**0.097**	**0.088**	**0.50**	**0.031**	**0.220**	**0.220**	**0.303**	**0.446**	**0.685**	**146.0**
	ARITH MEAN			**0.022<A**	**0.042**	**0.42**	**0.008<A**	**0.163**	**0.166**	**0.214**	**0.380**	**0.596**	**137**
	GEOM MEAN			**0.008<A**	**0.032**	**0.42**	**0.005<A**	**0.141**	**0.151**	**0.202**	**0.378**	**0.590**	**137**
	MINIMUM			**0.001**	**0.004**	**0.37**	**0.001**	**0.035**	**0.065**	**0.096**	**0.324**	**0.436**	**132.0**
	STD DEV (GEOM *)			**0.037<A**	**0.025**	**0.04**	**0.011<A**	**0.069**	**0.069**	**0.067**	**0.046**	**0.092**	**5**
	# SAMPLES (IN STATISTICS)			**6**	**11**	**11**	**6**	**6**	**4**	**6**	**11**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 01 14 1535		.3	1	2.0	130.000	200.0		5.300		7.75	7.9		
81 02 18 1545		.3	1	6.0	140.000	215.0		8.550		7.73	7.6		
81 03 25 1735		.3	1			215	0.72	6.25	84	7.80	8.20	1<T	0.09
81 04 29 1505		.3	1		130	200	1.00	5.75	79	8.08	7.10		
81 05 27 1710		.3	1								7.50		
81 06 17 1530		.3	1		137	210	1.20	6.10	84	7.92	8.05		
81 07 30 1000		.3	1		130	200	0.94		82	7.97	7.60		
81 08 21 0740		.3	1		130	200	0.98	5.85	81	7.92	8.15		
81 09 16 1510		.3	1			190	1.15	4.75	76	8.21	8.35	1<T	0.12
81 10 28 1640		.3	1			190	1.22	5.25	74	8.09	7.85	1<T	0.08
81 11 25 1428		.3	1			180	0.79	5.25	78	7.93	8.00	1<T	0.06
81 12 09 1432		.3	1			187	1.01	5.55	77	8.08	8.10	1<T	0.05
	MAXIMUM			**6.0**	**140.000**	**215.0**	**1.22**	**8.550**	**84**	**8.21**	**8.35**	**1**	**0.12**
	ARITH MEAN			**4.0**	**132**	**198**	**1.00**	**5.86**	**79**	**7.95**	**7.8**	**1<A**	**0.08**
	GEOM MEAN			**3.5**	**132**	**198**	**0.99**	**5.78**	**79**	**7.95**	**7.8**	**1<A**	**0.08**
	MINIMUM			**2.0**	**130.000**	**180**	**0.72**	**4.75**	**74**	**7.73**	**7.10**	**1**	**0.05**
	STD DEV (GEOM *)			**2.8**	**4**	**11**	**0.17**	**1.04**	**4**	**0.15**	**0.3**	**0<A**	**0.03**
	# SAMPLES (IN STATISTICS)			**2**	**6**	**11**	**9**	**10**	**9**	**11**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			ASUT	CUUT	PBUT	ZNUT	NIUT
81 03 25 1735		.3	1	0.001<	0.003	0.003<	0.008	0.002 <
81 09 16 1510		.3	1	0.001<	0.003	0.003	0.003	0.0010<
81 10 28 1640		.3	1	0.001<	0.023	0.003	0.004	0.0020<
81 11 25 1428		.3	1	0.001<	0.005	0.003	0.009	0.0020
81 12 09 1432		.3	1	0.001<	0.002	0.004	0.008	0.001 <
	MAXIMUM				**0.023**	**0.004**	**0.009**	**0.0020**
	ARITH MEAN				**0.007**	**0.003**	**0.006**	**0.0020**
	GEOM MEAN				**0.005**	**0.003**	**0.006**	
	MINIMUM				**0.002**	**0.003**	**0.003**	**0.0020**
	STD DEV (GEOM *)				**0.009**	**0.000**	**0.003**	
	# SAMPLES (IN STATISTICS)				**5**	**4**	**5**	**1**

B.O.W./ SITE: **SALT CREEK**
SAMPLE POINT: **CONC.E.OF HWY.30 SOUTH OF MEYERSBURG**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-071-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0274690.0 4897725.0 4** REGION: **03** DISTANCE: **42.164**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 14 0930		.3	1	31022	4					0.0	11.2	0.4	0.052
81 02 18 0845		.3	1	31072	6 3	23000C	290000	960	1500>	1.0	13.6	3.8	0.292
81 03 25 0900		.3	1	31038	6	300A	500A	10<	30A	4.5	12.4	0.6	0.028
81 04 28 1130		.3	1	31114	6 8	240	3000>	20A	40A	11.0	12.20	0.6	0.029
81 05 26 1300		.3	1	31176	6 8					21.5	12.60	0.8	0.054
81 06 18 1230		.3	1	31262	6 8	3000A	40000	930	280	22.0	10.60	1.0	0.138
81 07 29 0948		.3	1	31298	6 8	35000	260000	13000	15000>	14.2	8.60	1.6	0.102
81 08 20 1140		.3	1	31371	8	120A	2400	40A	20A	18.8	12.60	0.8	0.040
81 09 15 1130		.3	1	31420	8	1000A	35000	190	160	16.5	14.20	0.8	0.222
81 10 27 1220		.3	1	31481	8	2500	15000	260	650	10.5	12.40	0.8	0.052
81 11 24 1200		.3	1	31543	8	170	900	10<	10A	3.0	15.20	0.2<T	0.027
81 12 16 1135		.3	1	31633	8	370A	4500	8	52	1.0	11.40	0.2<T	0.020
	MAXIMUM					**35000**	**290000**	**13000**	**650**	**22.0**	**15.20**	**3.8**	**0.292**
	ARITH MEAN					**6570**	**72033**	**1926**	**155**	**11.3**	**12.2**	**1.0<A**	**0.088**
	GEOM MEAN					**1126**	**12545**	**209**	**66**	**7.3**	**12.1**	**0.7<A**	**0.060**
	MINIMUM					**120**	**500**	**8**	**10**	**1.0**	**8.60**	**0.2**	**0.020**
	STD DEV (GEOM *)					**7***	**10***	**11***	**4***	**8.0**	**1.7**	**1.0<A**	**0.087**
	# SAMPLES (IN STATISTICS)					**10**	**9**	**8**	**8**	**11~**	**12**	**12**	**12**

(CONTD)

B.O.W./ SITE: **SALT CREEK**
SAMPLE POINT: **CONC.E.OF HWY.30 SOUTH OF MEYERSBURG**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-071-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0274690.0 4897725.0 4** REGION: **03** DISTANCE: **42.164**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 0930		.3	1	0.005	0.124	0.480	0.012	1.500		1.636	0.356	1.992	322.0
81 02 18 0845		.3	1	0.055	0.280	1.480	0.024	1.330		1.634	1.200	2.834	270.0
81 03 25 0900		.3	1	0.018	0.078	0.31	0.013	1.390	1.400	1.481	0.232	1.713	268
81 04 28 1130		.3	1	0.008	0.022	0.32	0.013	0.850	0.865	0.885	0.298	1.183	290
81 05 26 1300		.3	1	0.018	0.014	0.40	0.067	0.685	0.750	0.766	0.386	1.152	210
81 06 18 1230		.3	1	0.060	0.004	0.52	0.002	0.650	0.650	0.656	0.516	1.172	
81 07 29 0948		.3	1	0.022	0.036	0.58	0.030	0.675	0.705	0.741	0.544	1.285	293
81 08 20 1140		.3	1	0.016	0.008	0.30	0.062	0.520	0.580	0.590	0.292	0.882	258
81 09 15 1130		.3	1	0.170	0.020	0.30	0.020	0.650	0.670	0.690	0.280	0.970	
81 10 27 1220		.3	1	0.014	0.036	0.35	0.010	1.090	1.100	1.136	0.314	1.450	328
81 11 24 1200		.3	1	0.013	0.016	0.37	0.015	1.680	1.700	1.711	0.354	2.065	342
81 12 16 1135		.3	1	0.007	0.004	0.22	0.001<T	1.350	1.350	1.355	0.216	1.571	285
MAXIMUM				**0.170**	**0.280**	**1.480**	**0.067**	**1.680**	**1.700**	**1.711**	**1.200**	**2.834**	**342**
ARITH MEAN				**0.034**	**0.053**	**0.46**	**0.022<A**	**1.031**	**0.977**	**1.107**	**0.416**	**1.522**	**286**
GEOM MEAN				**0.020**	**0.024**	**0.40**	**0.013<A**	**0.957**	**0.914**	**1.028**	**0.369**	**1.441**	**284**
MINIMUM				**0.005**	**0.004**	**0.22**	**0.001**	**0.520**	**0.580**	**0.590**	**0.216**	**0.882**	**210**
STD DEV (GEOM *)				**0.046**	**0.080**	**0.33**	**0.021<A**	**0.404**	**0.388**	**0.434**	**0.267**	**0.558**	**38**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 14 0930		.3	1	21.0	301.0	485.0	9.00	6.650		7.68	8.3		
81 02 18 0845		.3	1	120.0	150.000	230.0	33.00	4.950		7.57	7.5		
81 03 25 0900		.3	1	7		465	5.30	7.45	216	8.14	8.40	1<T	0.52
81 04 28 1130		.3	1		281	460	0.85	7.45	222	8.33	8.00		
81 05 26 1300		.3	1		200	430	1.00		207	8.45	8.00		
81 06 18 1230		.3	1		258	435	2.50		219	8.31	8.30		
81 07 29 0948		.3	1		256	430	1.90		211	8.14	0.80		
81 08 20 1140		.3	1		241	405	1.80	5.30	201	8.42	8.20		
81 09 15 1130		.3	1			440	8.70	6.15	218	8.41	8.20		
81 10 27 1220		.3	1	18.0		510	6.60	11.50	238	8.21	8.30	1<T	0.64
81 11 24 1200		.3	1	6.0		510	4.10	10.00	251	8.40	8.40	1<T	0.32
81 12 16 1135		.3	1	14.7		470	9.80	7.40	202	8.46	7.85	1<T	0.33
MAXIMUM				**120.0**	**301.0**	**510**	**33.00**	**11.50**	**251**	**8.46**	**8.40**	**1**	**0.64**
ARITH MEAN				**31**	**241**	**439**	**7.05**	**7.42**	**218**	**8.21**	**7.5**	**1<A**	**0.45**
GEOM MEAN				**17**	**235**	**431**	**4.15**	**7.17**	**218**	**8.20**	**6.7**	**1<A**	**0.43**
MINIMUM				**6.0**	**150.000**	**230.0**	**0.85**	**4.950**	**201**	**7.57**	**0.80**	**1**	**0.32**
STD DEV (GEOM *)				**43**	**51**	**73**	**8.79**	**2.12**	**16**	**0.30**	**2.1**	**0<A**	**0.16**
# SAMPLES (IN STATISTICS)				**6**	**7**	**12**	**12**	**9**	**10**	**12**	**12**	**4**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CUUT*	*PBUT*	*ZNUT*
81 03 25 0900		.3	1	0.003	0.004	0.007
81 10 27 1220		.3	1	0.003	0.003<	0.002
81 11 24 1200		.3	1	0.008	0.004	0.007
81 12 16 1135		.3	1	0.005	0.003<	0.001<
MAXIMUM				**0.008**	**0.004**	**0.007**
ARITH MEAN				**0.005**	**0.004**	**0.005**
GEOM MEAN				**0.004**	**0.004**	**0.005**
MINIMUM				**0.003**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.002**	**0.000**	**0.003**
# SAMPLES (IN STATISTICS)				**4**	**2**	**3**

B.O.W./ SITE: **PLATO CREEK**
SAMPLE POINT: **HIGHWAY 7 1 MILE EAST OF HAVELOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-072-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0272975.0 4923700.0 4** REGION: **03** DISTANCE: **98.167**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1000		.3	1	31023	4	110	250	16	16	0.0	10.4	6.0	0.102
81 02 18 1008		.3	1	31075	4	460C	9600	12	148	1.0	10.2	0.8	0.034
81 03 25 1015		.3	1	31041	6	310	3000>	4<	4<	3.5	10.0	0.6	0.012
81 04 28 1240		.3	1	31117	6 8	110	3000>	10<	10<	11.0	8.60	0.6	0.026
81 05 27 1100		.3	1	31183	6 8	340A	10000	176	20	18.2	7.90	1.2	0.128
81 06 18 1115		.3	1	31259	6 8	1600	18500	60A	220	19.0	5.80	0.6	0.067
81 07 29 1100		.3	1	31301	6 9	780A	41600	350	900	15.0	6.50	1.0	0.072
81 08 20 1240		.3	1	31374	5 9	600A	15000>	140	150	18.5	8.80	0.8	0.245
81 09 15 1234		.3	1	31423	9 5	1300A	120000	150	140	16.0	10.70	1.2	0.052
81 10 27 1330		.3	1	31484	8	5000	18000	50A	1500>	9.0	10.60	1.0	0.023
81 11 24 1300		.3	1	31546	8	200	940	70A	10<	2.0	14.20	1.0	0.013
81 12 16 1248		.3	1	31636	4					0.0	10.10	0.2<T	0.025
MAXIMUM						**5000**	**120000**	**350**	**900**	**19.0**	**14.20**	**6.0**	**0.245**
ARITH MEAN						**983**	**27361**	**114**	**228**	**11.3**	**9.4**	**1.2<A**	**0.067**
GEOM MEAN						**507**	**8846**	**72**	**110**	**8.0**	**9.2**	**0.9<A**	**0.045**
MINIMUM						**110**	**250**	**12**	**16**	**1.0**	**5.80**	**0.2**	**0.012**
STD DEV (GEOM *)						**3***	**7***	**3***	**4***	**7.1**	**2.2**	**1.5<A**	**0.067**
# SAMPLES (IN STATISTICS)						**11**	**8**	**9**	**7**	**10**	**12**	**12**	**12**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 14 1000		.3	1	0.011	0.080	1.080	0.014	0.431		0.525	1.000	1.525	369.0
81 02 18 1008		.3	1	0.016	0.100	0.520	0.006	0.510		0.616	0.420	1.036	292.00
81 03 25 1015		.3	1	0.004	0.018	0.26	0.001	0.170	0.170	0.189	0.242	0.431	242
81 04 28 1240		.3	1	0.012	0.030	0.44	0.007	0.060	0.065	0.097	0.410	0.507	43
81 05 27 1100		.3	1	0.046	0.004	1.04	0.081	0.200	0.280	0.285	1.036	1.321	340
81 06 18 1115		.3	1	0.032	0.014	0.73	0.002	0.120	0.120	0.136	0.716	0.852	252
81 07 29 1100		.3	1	0.032	0.006	0.62	0.082	0.125	0.215	0.213	0.614	0.827	333
81 08 20 1240		.3	1	0.190	0.004	0.55	0.011	0.115	0.125	0.130	0.546	0.676	292
81 09 15 1234		.3	1	0.023	0.006	0.72	0.083	0.100	0.185	0.189	0.714	0.903	
81 10 27 1330		.3	1	0.002	0.020	0.48	0.001	0.040	0.040	0.061	0.460	0.521	282
81 11 24 1300		.3	1	0.007	0.012	0.46	0.001<T	0.075	0.075	0.088	0.448	0.536	275
81 12 16 1248		.3	1	0.009	0.004	0.35	0.001	0.305	0.305	0.310	0.346	0.656	276
MAXIMUM				**0.190**	**0.100**	**1.080**	**0.083**	**0.510**	**0.305**	**0.616**	**1.036**	**1.525**	**369.0**
ARITH MEAN				**0.032**	**0.025**	**0.60**	**0.024<A**	**0.188**	**0.158**	**0.237**	**0.579**	**0.816**	**272**
GEOM MEAN				**0.016**	**0.013**	**0.55**	**0.007<A**	**0.143**	**0.133**	**0.188**	**0.533**	**0.758**	**246**
MINIMUM				**0.002**	**0.004**	**0.26**	**0.001**	**0.040**	**0.040**	**0.061**	**0.242**	**0.431**	**43**
STD DEV (GEOM *)				**0.052**	**0.032**	**0.25**	**0.035<A**	**0.151**	**0.090**	**0.174**	**0.248**	**0.340**	**85**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	CUUT	PBUT
81 01 14 1000		.3	1	7.0	362.0	560.0		21.500		7.67	7.9		
81 02 18 1008		.3	1	3.00		470.0	2.10	38.500		7.59	7.3		
81 03 25 1015		.3	1		241	450	0.53	18.00	196	7.84		0.002	0.003<
81 04 28 1240		.3	1		41	410	1.00	15.00	184	8.14	7.70		
81 05 27 1100		.3	1		335	495	1.20		185	7.83	7.40		
81 06 18 1115		.3	1		247	380	0.86		178	7.91	7.60		
81 07 29 1100		.3	1		333	520	2.20		210	7.79	7.35		
81 08 20 1240		.3	1		291	450	0.82	17.00	211	7.88	7.50		
81 09 15 1234		.3	1			470	0.58		223	7.89	7.70		
81 10 27 1330		.3	1		276	430	1.07	18.50	196	7.98	7.90	0.016	0.003<
81 11 24 1300		.3	1		275	430	0.56	14.50	212	8.09	8.70	0.005	0.003<
81 12 16 1248		.3	1		273	485	2.80	16.00	236	7.88	7.30	0.006	0.007
MAXIMUM				**7.0**	**362.0**	**560.0**	**2.80**	**38.500**	**236**	**8.14**	**8.70**	**0.016**	**0.007**
ARITH MEAN				**5.0**	**267**	**462**	**1.25**	**19.87**	**203**	**7.87**	**7.6**	**0.007**	**0.007**
GEOM MEAN				**4.5**	**238**	**460**	**1.07**	**18.90**	**202**	**7.87**	**7.6**	**0.006**	
MINIMUM				**3.00**	**41**	**380**	**0.53**	**14.50**	**178**	**7.59**	**7.3**	**0.002**	**0.007**
STD DEV (GEOM *)				**2.8**	**88**	**49**	**0.77**	**7.84**	**19**	**0.15**	**0.4**	**0.006**	
# SAMPLES (IN STATISTICS)				**2**	**10**	**12**	**11**	**8**	**10**	**12**	**11**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				ZNUT
81 03 25 1015		.3	1	0.003
81 10 27 1330		.3	1	0.004
81 11 24 1300		.3	1	0.003
81 12 16 1248		.3	1	0.013
MAXIMUM				**0.013**
ARITH MEAN				**0.006**
GEOM MEAN				**0.005**
MINIMUM				**0.003**
STD DEV (GEOM *)				**0.005**
# SAMPLES (IN STATISTICS)				**4**

B.O.W./ SITE: **PIGEON RIVER**
SAMPLE POINT: **FEE LANDING 3 MILES NORTH OF OMEMEE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-074-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0695950.0 4912550.0 4** REGION: **03** DISTANCE: **226.911**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 02 27 0930		.3	1	31108	6					2.0	11.4	0.5	0.019
81 03 26 1730		.3	1	31073	6	10A	30A	4<	4<	4.0	16.40	0.2<T	0.088
81 04 30 1108		.3	1	31143	6 8	140	1200	4<	4	11.2	11.30	0.2<T	0.026
81 05 28 1642		.3	1	31211	6 8	40A	5100	4<	60	20.5	8.50	1.6	0.051
81 06 18 0800		.3	1	31253	6 8	70A	8800	10A	30A	22.0	8.90	0.8	0.044
81 07 31 0845		.3	1	31333	6 8	20A	11800	10<	10<	20.5	12.30	1.8	0.020
81 08 21 0912		.3	1	31397	9 5	630A	6500	56	108	20.5	11.20	0.8	0.018
81 09 17 1827		.3	1	31456	8 9	10A	4700	10<	80A	16.0	13.00	1.0	0.017
81 10 30 0828		.3	1	31517	8	190A	6200	70A	150	6.0	12.20	1.2U	0.020
81 11 27 0927		.3	1	31579	8	10A	740	10<	10<	2.0	12.40	0.4	0.008
81 12 09 0924		.3	1	31610	4	10A	1700	10<	10<	0.0	12.60	0.8	0.010
MAXIMUM						**630**	**11800**	**70**	**150**	**22.0**	**16.40**	**1.8**	**0.088**
ARITH MEAN						**113**	**4677**	**45**	**72**	**12.5**	**11.8**	**0.8<A**	**0.029**
GEOM MEAN						**40**	**2321**	**34**	**46**	**8.9**	**11.6**	**0.7<A**	**0.023**
MINIMUM						**10**	**30**	**10**	**4**	**2.0**	**8.50**	**0.2**	**0.008**
STD DEV (GEOM *)						**4***	**6***	**3***	**4***	**8.4**	**2.1**	**0.5<A**	**0.024**
# SAMPLES (IN STATISTICS)						**10**	**10**	**3**	**6**	**10**	**11**	**11**	**11**

(CONTD)

B.O.W./ SITE: **PIGEON RIVER**
SAMPLE POINT: **FEE LANDING 3 MILES NORTH OF OMEMEE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-074-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0695950.0 4912550.0 4** REGION: **03** DISTANCE: **226.911**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 02 27 0930		.3	1	0.005	0.054	0.360	0.007	0.478		0.539	0.306	0.845	183.0
81 03 26 1730		.3	1	0.059	0.002	0.38	0.002	0.080	0.080	0.084	0.378	0.462	239
81 04 30 1108		.3	1	0.001	0.054	0.50	0.003	0.030	0.035	0.087	0.446	0.533	250
81 05 28 1642		.3	1	0.027	0.210	0.88	0.013	0.005<T	0.015	0.228	0.670	0.898	236
81 06 18 0800		.3	1	0.010	0.010	0.57	0.065	0.005	0.070	0.080	0.560	0.640	199
81 07 31 0845		.3	1	0.006	0.058	0.62	0.009	0.020	0.020	0.087	0.562	0.649	
81 08 21 0912		.3	1	0.014	0.006	0.62	0.001<T	0.105	0.105	0.112	0.614	0.726	170
81 09 17 1827		.3	1	0.004	0.010	0.59	0.040	0.005<T	0.040	0.055	0.580	0.635	
81 10 30 0828		.3	1	0.003	0.040	0.42	0.001<T	0.030	0.030	0.071	0.380	0.451	261
81 11 27 0927		.3	1	0.001	0.010	0.36	0.001	0.025	0.025	0.036	0.350	0.386	254
81 12 09 0924		.3	1	0.001<T	0.020	0.38	0.001	0.050	0.050	0.071	0.360	0.431	260
MAXIMUM				**0.059**	**0.210**	**0.88**	**0.065**	**0.478**	**0.105**	**0.539**	**0.670**	**0.898**	**261**
ARITH MEAN				**0.012<A**	**0.043**	**0.51**	**0.013<A**	**0.076<A**	**0.047**	**0.132**	**0.473**	**0.605**	**228**
GEOM MEAN				**0.005<A**	**0.021**	**0.49**	**0.004<A**	**0.029<A**	**0.040**	**0.097**	**0.458**	**0.584**	**225**
MINIMUM				**0.001**	**0.002**	**0.360**	**0.001**	**0.005**	**0.015**	**0.036**	**0.306**	**0.386**	**170**
STD DEV (GEOM *)				**0.017<A**	**0.059**	**0.16**	**0.021<A**	**0.137<A**	**0.029**	**0.144**	**0.126**	**0.170**	**34**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**11**	**11**	**11**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*	*ZNUT*
81 02 27 0930		.3	1	182.000	280.0		6.300		7.83	7.9			
81 03 26 1730		.3	1	237	365	0.95	6.60	164	8.21	7.70	0.013	0.003<	0.013
81 04 30 1108		.3	1	247	380	1.20	7.45	171	8.36				
81 05 28 1642		.3	1	234	360	1.80		165	8.24	7.00			
81 06 18 0800		.3	1	195	300	1.60		141	8.34	8.40			
81 07 31 0845		.3	1		240	0.36		110	8.29	8.05			
81 08 21 0912		.3	1	169	260	0.78	3.65	119	8.22	7.95			
81 09 17 1827		.3	1	234	360	0.58		173	7.78	7.90			
81 10 30 0828		.3	1	260	400	0.79	8.05	188	8.17	7.35	0.005	0.008	0.002
81 11 27 0927		.3	1	254	390	0.62	8.30	187	8.15	8.05	0.007	0.004	0.004
81 12 09 0924		.3	1	260	435	0.64	9.35	213	8.47	8.40	0.004	0.004	0.005
MAXIMUM				**260**	**435**	**1.80**	**9.35**	**213**	**8.47**	**8.40**	**0.013**	**0.008**	**0.013**
ARITH MEAN				**227**	**342**	**0.93**	**7.10**	**163**	**8.19**	**7.8**	**0.007**	**0.005**	**0.006**
GEOM MEAN				**224**	**337**	**0.84**	**6.84**	**160**	**8.18**	**7.8**	**0.007**	**0.005**	**0.005**
MINIMUM				**169**	**240**	**0.36**	**3.65**	**110**	**7.78**	**7.00**	**0.004**	**0.004**	**0.002**
STD DEV (GEOM *)				**33**	**63**	**0.47**	**1.84**	**32**	**0.21**	**0.4**	**0.004**	**0.002**	**0.005**
# SAMPLES (IN STATISTICS)				**10**	**11**	**10**	**7**	**10**	**11**	**10**	**4**	**3**	**4**

B.O.W./ SITE: **BURNT RIVER**
SAMPLE POINT: **FIRST BRIDGE 4 MILES SOUTH OF KINMOUNT**
STATION TYPE: **RIVER FLOW GAUGE FED 02HF003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-075-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0685250.0 4956500.0 4** REGION: **03** DISTANCE: **281.306**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*
81 02 26 1330		.3	1	31103	4	140.000					0.5	14.8	0.4
81 03 26 1230		.3	1	31068	6	12.900	120	900	8	4	3.0	11.90	0.4
81 05 01 0945		.3	1	31145	6 8	21.600	120	2300	4<	92	9.8	10.80	0.4
81 05 28 1240		.3	1	31206	6 8	15.600	470	1500>	20	4	18.0	9.80	0.4
81 06 16 1200		.3	1	31228	6 8	8.630	100A	100A	100A	12	21.5	11.20	0.4
81 07 30 1407		.3	1	31328	8	6.720	320	3000>	60A	10<	20.9	9.30	0.6
81 08 19 1207		.3	1	31363	8	7.440	200A	110000	28	4<	19.2	10.2	0.8
81 09 17 1400		.3	1	31450	8	21.700	130A	3450	70A	50A	15.0	12.70	0.8
81 10 29 1224		.3	1	31511	8	19.900					6.2	13.40	1.0U
81 11 26 1303		.3	1	31573	8	14.400	30A	760	10<	10<	0.0	13.50	0.8
81 12 08 1058		.3	1	31593	8	16.600	530	680	168	4	1.0	15.20	0.4
MAXIMUM						**140.000**	**530**	**110000**	**168**	**92**	**21.5**	**15.20**	**1.0**
ARITH MEAN						**25.954**	**224**	**16884**	**65**	**28**	**11.5**	**12.0**	**0.6**
GEOM MEAN						**16.641**	**165**	**1697**	**44**	**12**	**6.8**	**11.9**	**0.5**
MINIMUM						**6.720**	**30**	**100**	**8**	**4**	**0.5**	**9.30**	**0.4**
STD DEV (GEOM *)						**38.199**	**2***	**9***	**3***	**4***	**8.4**	**2.0**	**0.2**
# SAMPLES (IN STATISTICS)						**11**	**9**	**7**	**7**	**6**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N
TEST-NAME:				*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*
81 02 26 1330		.3	1	0.036	0.002	0.064	0.400	0.002	0.188		0.254	0.336	0.590
81 03 26 1230		.3	1	0.011		0.094	0.30					0.206	
81 05 01 0945		.3	1	0.012	0.002	0.024	0.31	0.001	0.170	0.170	0.195	0.286	0.481
81 05 28 1240		.3	1	0.015	0.003	0.018	0.35	0.028	0.050	0.080	0.096	0.332	0.428
81 06 16 1200		.3	1	0.032	0.002	0.004	0.35	0.030	0.055	0.075	0.089	0.346	0.435
81 07 30 1407		.3	1	0.010	0.001	0.032	0.25	0.003	0.030	0.035	0.065	0.218	0.283
81 08 19 1207		.3	1	0.190	0.175	0.010	0.39	0.029	0.040	0.070	0.079	0.380	0.459
81 09 17 1400		.3	1	0.040		0.006	0.38					0.374	
81 10 29 1224		.3	1	0.040		0.020	0.45					0.430	
81 11 26 1303		.3	1	0.010		0.016	0.38					0.364	
81 12 08 1058		.3	1	0.012		0.030	0.35					0.320	
MAXIMUM				**0.190**	**0.175**	**0.094**	**0.45**	**0.030**	**0.188**	**0.170**	**0.254**	**0.430**	**0.590**
ARITH MEAN				**0.037**	**0.031**	**0.029**	**0.35**	**0.015**	**0.089**	**0.086**	**0.130**	**0.327**	**0.446**
GEOM MEAN				**0.023**	**0.004**	**0.020**	**0.35**	**0.007**	**0.069**	**0.076**	**0.114**	**0.319**	**0.436**
MINIMUM				**0.010**	**0.001**	**0.004**	**0.25**	**0.001**	**0.030**	**0.035**	**0.065**	**0.206**	**0.283**
STD DEV (GEOM *)				**0.052**	**0.071**	**0.027**	**0.05**	**0.015**	**0.071**	**0.050**	**0.077**	**0.068**	**0.099**
# SAMPLES (IN STATISTICS)				**11**	**6**	**11**	**11**	**6**	**6**	**5**	**6**	**11**	**6**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 02 26 1330		.3	1	94.0		94.0	2.80	3.200		7.25	7.4		
81 03 26 1230		.3	1			100	0.74	3.65	32	7.46	7.30	1	0.36
81 05 01 0945		.3	1	47	46	70	0.65	3.45	23	7.52	6.80		
81 05 28 1240		.3	1	69	69	106	0.96		39	7.90	6.80		
81 06 16 1200		.3	1	74	72	110	1.00		41	7.67	7.60		
81 07 30 1407		.3	1		64	98	0.72		34	7.68	7.20		
81 08 19 1207		.3	1	70	70	118	0.83	2.95	41	7.89	7.35		
81 09 17 1400		.3	1			93	1.18	3.15	4	7.87	7.50	1<T	0.47
81 10 29 1224		.3	1			90	1.15	3.10	29	7.46	6.95	1<T	0.31
81 11 26 1303		.3	1			100	1.63	3.40	33	7.76	7.70	1<T	0.31
81 12 08 1058		.3	1			109	1.45	3.50	34	7.90	7.50	1<T	0.30
MAXIMUM				**94.0**	**72**	**118**	**2.80**	**3.65**	**41**	**7.90**	**7.70**	**1**	**0.47**
ARITH MEAN				**70**	**64**	**98**	**1.19**	**3.30**	**31**	**7.67**	**7.2**	**1<A**	**0.35**
GEOM MEAN				**69**	**63**	**98**	**1.09**	**3.29**	**27**	**7.67**	**7.2**	**1<A**	**0.34**
MINIMUM				**47**	**46**	**70**	**0.65**	**2.95**	**4**	**7.25**	**6.80**	**1**	**0.30**
STD DEV (GEOM *)				**16**	**11**	**12**	**0.62**	**0.23**	**11**	**0.22**	**0.3**	**0<A**	**0.07**
# SAMPLES (IN STATISTICS)				**5**	**5**	**11**	**11**	**8**	**10**	**11**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1230		.3	1	0.001<	0.001<	0.003<	0.002	0.002 <
81 09 17 1400		.3	1	0.001<	0.002	0.003<	0.004	0.0010<
81 10 29 1224		.3	1	0.001<	0.045	0.005	0.004	0.0010<
81 11 26 1303		.3	1	0.001<	0.001<	0.003<	0.004	0.0020<
81 12 08 1058		.3	1	0.001<	0.001<	0.003<	0.002	0.0020<
MAXIMUM					**0.045**	**0.005**	**0.004**	
ARITH MEAN					**0.023**	**0.005**	**0.003**	
GEOM MEAN					**0.009**		**0.003**	
MINIMUM					**0.002**	**0.005**	**0.002**	
STD DEV (GEOM *)					**0.030**		**0.001**	
# SAMPLES (IN STATISTICS)					**2**	**1**	**5**	

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **HIGHWAY 503 BRIDGE NORLAND**
STATION TYPE: **RIVER FLOW GAUGE FED 02HF002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-076-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0673310.0 4954950.0 4** REGION: **03** DISTANCE: **278.892**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O
81 01 15 1230		.3	1	31046	6	16.400	4	28	4<	8	0.0	13.8	
81 02 26 1400		.3	1	31104	6	53.100					2.0	13.9	
81 03 26 1420		.3	1	31069	6	10.700	12	176	2<	20	3.5	12.30	0.4
81 05 01 1018		.3	1	31146	6 8	23.400	4	1200>	2<	42	8.0	12.10	0.2
81 05 28 1305		.3	1	31207	6 8	18.300	40A	1040	4	8	16.0	11.70	0.4
81 06 16 1104		.3	1	31227	6 8	18.500	10<	24000>	4<	4	21.8	11.40	0.4
81 07 30 1429		.3	1	31329	6 8	16.700	40A	2800	10A	10A	21.0	9.30	0.4
81 08 19 1140		.3	1	31362	8	14.200	20A	980	4<	4<	20.5	10.4	0.6
81 09 17 1437		.3	1	31451	8	26.400	60A	3300	10A	60A	17.0	12.80	0.8
81 10 29 1150		.3	1	31512	8	28.500					7.5	12.90	0.8U
81 11 26 1327		.3	1	31574	8	15.500	30A	100	10<	10<	3.0	13.60	0.4
81 12 08 1140		.3	1	31594	8	17.200	40A	70A	4<	4	1.0	14.20	
MAXIMUM						**53.100**	**60**	**3300**	**10**	**60**	**21.8**	**14.20**	**0.8**
ARITH MEAN						**21.575**	**28**	**1062**	**8**	**19**	**11.0**	**12.3**	**0.5**
GEOM MEAN						**19.745**	**20**	**366**	**7**	**12**	**7.3**	**12.2**	**0.5**
MINIMUM						**10.700**	**4**	**28**	**4**	**4**	**1.0**	**9.30**	**0.2**
STD DEV (GEOM *)						**11.151**	**3***	**6***	**2***	**3***	**8.3**	**1.4**	**0.2**
# SAMPLES (IN STATISTICS)						**12**	**9**	**8**	**3**	**8**	**11**	**12**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N
81 01 15 1230		.3	1	0.008		0.030	0.260					0.230	
81 02 26 1400		.3	1	0.011		0.020	0.200					0.180	
81 03 26 1420		.3	1	0.008		0.012	0.23					0.218	
81 05 01 1018		.3	1	0.010	0.006	0.024	0.27	0.001	0.170	0.170	0.195	0.246	0.441
81 05 28 1305		.3	1	0.013	0.003	0.036	0.29	0.002	0.110	0.110	0.148	0.254	0.402
81 06 16 1104		.3	1	0.015	0.004	0.024	0.24	0.007	0.075	0.080	0.106	0.216	0.322
81 07 30 1429		.3	1	0.007	0.002	0.032	0.21	0.001<T	0.040	0.040	0.073	0.178	0.251
81 08 19 1140		.3	1	0.137	0.085	0.044	0.30	0.001	0.015	0.015	0.060	0.256	0.316
81 09 17 1437		.3	1	0.030		0.010	0.20					0.190	
81 10 29 1150		.3	1	0.220		0.020	0.22					0.200	
81 11 26 1327		.3	1	0.012		0.006	0.24					0.234	
81 12 08 1140		.3	1	0.010		0.010	0.20					0.190	
MAXIMUM				**0.220**	**0.085**	**0.044**	**0.30**	**0.007**	**0.170**	**0.170**	**0.195**	**0.256**	**0.441**
ARITH MEAN				**0.040**	**0.020**	**0.022**	**0.23**	**0.002<A**	**0.082**	**0.083**	**0.116**	**0.216**	**0.346**
GEOM MEAN				**0.018**	**0.007**	**0.019**	**0.23**	**0.002<A**	**0.061**	**0.062**	**0.106**	**0.214**	**0.340**
MINIMUM				**0.007**	**0.002**	**0.006**	**0.200**	**0.001**	**0.015**	**0.015**	**0.060**	**0.178**	**0.251**
STD DEV (GEOM *)				**0.067**	**0.036**	**0.012**	**0.03**	**0.003<A**	**0.061**	**0.061**	**0.056**	**0.028**	**0.075**
# SAMPLES (IN STATISTICS)				**12**	**5**	**12**	**12**	**5**	**5**	**5**	**5**	**12**	**5**

(CONTD)

B.O.W./ SITE: **GULL RIVER**
SAMPLE POINT: **HIGHWAY 503 BRIDGE NORLAND**
STATION TYPE: **RIVER FLOW GAUGE FED 02HF002**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-076-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0673310.0 4954950.0 4** REGION: **03** DISTANCE: **278.892**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 15 1230		.3	1			68.0				7.25			
81 02 26 1400		.3	1			62.0				7.12	7.6		
81 03 26 1420		.3	1			72	0.61	2.30	20	7.30	7.00	1	0.10
81 05 01 1018		.3	1	47	46	70	0.65	1.95	21	7.54	6.80		
81 05 28 1305		.3	1	47	47	72	0.69		21	7.78	6.90		
81 06 16 1104		.3	1	50	47	72	0.72		22	7.56	7.70		
81 07 30 1429		.3	1		44	68	0.46		19	7.68	7.35		
81 08 19 1140		.3	1	36	36	56	0.85	1.80	20	7.81	7.40		
81 09 17 1437		.3	1			64	0.63	1.85	6	7.75	7.90	1<T	0.07
81 10 29 1150		.3	1			66	0.55	1.90	16	7.36	6.35	1<T	0.05
81 11 26 1327		.3	1			66	1.39	1.95	17	7.33	7.80	1<T	0.06
81 12 08 1140		.3	1			65	0.77	2.05	18	7.59	7.55	1<T	0.04
MAXIMUM				**50**	**47**	**72**	**1.39**	**2.30**	**22**	**7.81**	**7.90**	**1**	**0.10**
ARITH MEAN				**45**	**44**	**66**	**0.73**	**1.97**	**18**	**7.51**	**7.3**	**1<A**	**0.06**
GEOM MEAN				**45**	**44**	**66**	**0.70**	**1.97**	**17**	**7.50**	**7.2**	**1<A**	**0.06**
MINIMUM				**36**	**36**	**56**	**0.46**	**1.80**	**6**	**7.12**	**6.35**	**1**	**0.04**
STD DEV (GEOM *)				**6**	**5**	**4**	**0.26**	**0.17**	**5**	**0.23**	**0.4**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**4**	**5**	**12**	**10**	**7**	**10**	**12**	**11**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 03 26 1420		.3	1	0.001<	0.001<	0.003<	0.005	0.002 <
81 09 17 1437		.3	1	0.001<	0.003	0.003<	0.005	0.0010<
81 10 29 1150		.3	1	0.001<	0.001<	0.003<	0.030	0.0010<
81 11 26 1327		.3	1	0.001<	0.006	0.003<	0.002	0.0020<
81 12 08 1140		.3	1	0.001<	0.003	0.008	0.001	0.0020<
MAXIMUM					**0.006**	**0.008**	**0.030**	
ARITH MEAN					**0.004**	**0.008**	**0.009**	
GEOM MEAN					**0.004**		**0.004**	
MINIMUM					**0.003**	**0.008**	**0.001**	
STD DEV (GEOM *)					**0.002**		**0.012**	
# SAMPLES (IN STATISTICS)					**3**	**1**	**5**	

B.O.W./ SITE: **BAXTER CREEK**
SAMPLE POINT: **AT CONCESSION NO 5 TWP OF CAVAN**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-077-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **17 0703375.0 4889850.0 4** REGION: **03** DISTANCE: **140.653**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1430		.3	1	31034	4	60I	220	8	4<	0.0	13.7	0.4	0.020
81 02 18 1600		.3	1	31087	6 3	15000	140000	600	880	2.0	11.8	4.2	0.800
81 03 25 1613		.3	1	31056		70A	380	10<	400	6.5	12.00	0.2<T	0.136
81 04 29 1345		.3	1	31132	6 8	120	1800	10<	10A	10.0	10.00	0.6	0.014
81 05 27 1605		.3	1	31194	6 8	250	2600	108	112	14.0	13.00	0.2	0.017
81 06 17 0957		.3	1	31240	6 8	430A	23000	212	180	15.8	12.90	0.4	0.040
81 07 30 0800		.3	1	31317	6 8	3000>	3000>	380	50A	14.4	11.30	1.2	0.040
81 08 20 0840		.3	1	31389	8	260A	3000>	10<	60A	11.5	11.20	0.6	0.020
81 09 16 1330		.3	1	31438	8	130A	3200	10A	10A	12.2	14.10	0.6	0.158
81 10 28 1522		.3	1	31499	8	340	2800	20A	140	8.0	12.90	0.2	0.021
81 11 25 1317		.3	1	31561	8	30A	210	30A	10<	4.0	12.70	0.4	0.019
81 12 09 1200		.3	1	31605		140	330	30A	10A			0.2<T	0.017
MAXIMUM						**15000**	**140000**	**600**	**880**	**15.8**	**14.10**	**4.2**	**0.800**
ARITH MEAN						**1530**	**17454**	**155**	**185**	**9.8**	**12.3**	**0.8<A**	**0.108**
GEOM MEAN						**212**	**1947**	**58**	**70**	**8.5**	**12.2**	**0.5<A**	**0.040**
MINIMUM						**30**	**210**	**8**	**10**	**2.0**	**10.00**	**0.2**	**0.014**
STD DEV (GEOM *)						**5***	**8***	**5***	**5***	**4.6**	**1.2**	**1.1<A**	**0.223**
# SAMPLES (IN STATISTICS)						**11**	**10**	**9**	**10**	**10**	**11**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1430		.3	1	0.006	0.018	0.180	0.004	0.696		0.718	0.162	0.880	251.0
81 02 18 1600		.3	1	0.026	0.090	2.900	0.018	0.617		0.725	2.810	3.535	643.0
81 03 25 1613		.3	1		0.008	0.28					0.272		
81 04 29 1345		.3	1	0.004	0.006	0.14	0.004	0.540	0.545	0.550	0.134	0.684	243
81 05 27 1605		.3	1	0.006	0.006	0.17	0.012	0.485	0.495	0.503	0.164	0.667	341
81 06 17 0957		.3	1	0.025	0.002<T	0.29	0.002	0.485	0.485	0.489	0.288	0.777	242
81 07 30 0800		.3	1	0.016	0.004	0.25	0.051	0.430	0.480	0.485	0.246	0.731	269
81 08 20 0840		.3	1	0.008	0.006	0.15	0.007	0.550	0.555	0.563	0.144	0.707	256
81 09 16 1330		.3	1	0.140	0.006	0.15	0.004	0.505	0.510	0.515	0.144	0.659	
81 10 28 1522		.3	1		0.006	0.21					0.204		
81 11 25 1317		.3	1		0.010	0.13					0.120		
81 12 09 1200		.3	1		0.004	0.14					0.136		
MAXIMUM				**0.140**	**0.090**	**2.900**	**0.051**	**0.696**	**0.555**	**0.725**	**2.810**	**3.535**	**643.0**
ARITH MEAN				**0.029**	**0.014<A**	**0.41**	**0.013**	**0.538**	**0.512**	**0.568**	**0.402**	**1.080**	**320**
GEOM MEAN				**0.014**	**0.008<A**	**0.23**	**0.007**	**0.533**	**0.511**	**0.562**	**0.221**	**0.885**	**300**
MINIMUM				**0.004**	**0.002**	**0.13**	**0.002**	**0.430**	**0.480**	**0.485**	**0.120**	**0.659**	**242**
STD DEV (GEOM *)				**0.046**	**0.024<A**	**0.78**	**0.016**	**0.084**	**0.032**	**0.098**	**0.760**	**0.995**	**146**
# SAMPLES (IN STATISTICS)				**8**	**12**	**12**	**8**	**8**	**6**	**8**	**12**	**8**	**7**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:		*RSP*		*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	
81 01 14 1430	.3	1	7.0	244.000	375.0		2.400		8.06	8.4			
81 02 18 1600	.3	1	519.0	124.000	190.0		2.600		7.71	7.7			
81 03 25 1613	.3	1			365	2.00	2.30	120	8.16	8.30	1<T	0.18	
81 04 29 1345	.3	1		237	365	2.20	2.25	180	8.30	7.10			
81 05 27 1605	.3	1		237	365	1.10	2.10	179	8.44	7.50			
81 06 17 0957	.3	1		234	365	1.70		182	8.27	8.30			
81 07 30 0800	.3	1		260	400	0.84		193	8.03	8.10			
81 08 20 0840	.3	1		241	370	2.30		185	8.18	7.90			
81 09 16 1330	.3	1		241	370	13.20		187	8.32	8.00			
81 10 28 1522	.3	1			380	1.92	2.45	190	8.23	7.90	1<T	0.14	
81 11 25 1317	.3	1			370	5.60	2.50	193	8.16	8.00	1<T	0.27	
81 12 09 1200	.3	1			370	3.10	2.65	187	8.43		1<T	0.14	
MAXIMUM			**519.0**	**260**	**400**	**13.20**	**2.65**	**193**	**8.44**	**8.4**	**1**	**0.27**	
ARITH MEAN			**263.0**	**227**	**357**	**3.40**	**2.40**	**180**	**8.19**	**7.9**	**1<A**	**0.18**	
GEOM MEAN			**60.3**	**222**	**351**	**2.42**	**2.40**	**178**	**8.19**	**7.9**	**1<A**	**0.18**	
MINIMUM			**7.0**	**124.000**	**190.0**	**0.84**	**2.10**	**120**	**7.71**	**7.10**	**1**	**0.14**	
STD DEV (GEOM *)			**362.0**	**42**	**53**	**3.69**	**0.18**	**22**	**0.20**	**0.3**	**0<A**	**0.06**	
# SAMPLES (IN STATISTICS)			**2**	**8**	**12**	**10**	**8**	**10**	**12**	**11**	**4**	**4**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		*ASUT*		*CUUT*	*PBUT*	*ZNUT*	*NIUT*	
81 03 25 1613	.3	1	0.001<	0.003	0.003<	0.002	0.003 <	
81 09 16 1330	.3	1		0.004	0.003<	0.002		
81 10 28 1522	.3	1	0.001	0.016	0.003<	0.003	0.0020<	
81 11 25 1317	.3	1	0.001<	0.016	0.006	0.008	0.0020	
81 12 09 1200	.3	1	0.001<	2.600	0.005	0.018	0.004	
MAXIMUM			**0.001**	**2.600**	**0.006**	**0.018**	**0.004**	
ARITH MEAN			**0.001**	**0.528**	**0.005**	**0.007**	**0.003**	
GEOM MEAN				**0.024**	**0.005**	**0.004**	**0.002**	
MINIMUM			**0.001**	**0.003**	**0.005**	**0.002**	**0.0020**	
STD DEV (GEOM *)				**1.158**	**0.001**	**0.007**	**0.001**	
# SAMPLES (IN STATISTICS)			**1**	**5**	**2**	**5**	**2**	

B.O.W./ SITE: **PLATO CREEK**
SAMPLE POINT: **AT OLD ROUND LAKE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-078-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0267325.0 4924650.0 0** REGION: **03** DISTANCE: **104.765**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:		*SAMPLE*		*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	
81 01 14 1230	.3	1	31029	4	110	900	4<	4<	0.0	9.2	1.6	0.052	
81 03 25 1330	.3	1	31048	6	40A	320	4<	4<			0.4	0.014	
81 04 28 1500	.3	1	31123		330	3000>	10<	10A	12.5	8.30	0.6	0.017	
81 05 27 1320	.3	1	31189	6 8	120A	11000	4	4	19.0	8.10	0.8	0.029	
81 06 17 1400	.3	1	31247	6 8	420A	11000	56	128	22.2	10.20	0.4	0.052	
81 07 29 1358	.3	1	31307	6 8	580A	14800	10<	280	18.0	9.80	1.2	0.048	
81 08 20 1448	.3	1	31380	6 8	1270A	1500>	8	116	21.0	8.30	0.6	0.012	
81 09 15 1550	.3	1	31429	8	1200	11500	40A	10A	18.0	10.30	1.2	0.022	
81 10 12 1200	.3	1	31490	8	2100	25000	12	284	8.6	10.90	0.6	0.018	
81 11 24 1530	.3	1	31552	8	110	670	10<	10<	2.5	13.50	0.4	0.022	
81 12 16 1535	.3	1	31642	8					1.5	7.50	0.6	0.027	
MAXIMUM					**2100**	**25000**	**56**	**284**	**22.2**	**13.50**	**1.6**	**0.052**	
ARITH MEAN					**628**	**9399**	**24**	**119**	**13.7**	**9.6**	**0.8**	**0.028**	
GEOM MEAN					**329**	**4214**	**15**	**47**	**10.2**	**9.4**	**0.7**	**0.025**	
MINIMUM					**40**	**320**	**4**	**4**	**1.5**	**7.50**	**0.4**	**0.012**	
STD DEV (GEOM *)					**4***	**5***	**3***	**6***	**7.8**	**1.7**	**0.4**	**0.015**	
# SAMPLES (IN STATISTICS)					**10**	**8**	**5**	**7**	**9**	**10**	**11**	**11**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:		*PPO4FR*		*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	
81 01 14 1230	.3	1	0.007	0.182	0.800	0.008	0.247		0.437	0.618	1.055	351.0	
81 03 25 1330	.3	1		0.016	0.26					0.244			
81 04 28 1500	.3	1	0.003	0.020	0.39	0.002	0.005<W	0.005	0.027	0.370	0.397	249	
81 05 27 1320	.3	1	0.013	0.004	0.74	0.001	0.165	0.165	0.170	0.736	0.906	225	
81 06 17 1400	.3	1	0.023	0.010	0.80	0.014	0.065	0.080	0.089	0.790	0.879	195	
81 07 29 1358	.3	1	0.013	0.002	0.85	0.009	0.151	0.160	0.162	0.848	1.010	241	
81 08 20 1448	.3	1	0.005	0.044	0.80	0.035	0.075	0.110	0.154	0.756	0.910	217	
81 09 15 1550	.3	1	0.007	0.048	0.80	0.015	0.005<W	0.040	0.068	0.752	0.820		
81 10 12 1200	.3	1		0.028	0.60					0.572			
81 11 24 1530	.3	1		0.012	0.90					0.888			
81 12 16 1535	.3	1		0.002	0.43					0.428			
MAXIMUM			**0.023**	**0.182**	**0.90**	**0.035**	**0.247**	**0.165**	**0.437**	**0.888**	**1.055**	**351.0**	
ARITH MEAN			**0.010**	**0.033**	**0.67**	**0.012**	**0.102<A**	**0.093**	**0.158**	**0.637**	**0.854**	**246**	
GEOM MEAN			**0.008**	**0.015**	**0.62**	**0.007**	**0.050<A**	**0.060**	**0.117**	**0.596**	**0.821**	**241**	
MINIMUM			**0.003**	**0.002**	**0.26**	**0.001**	**0.005**	**0.005**	**0.027**	**0.244**	**0.397**	**195**	
STD DEV (GEOM *)			**0.007**	**0.052**	**0.21**	**0.011**	**0.090<A**	**0.064**	**0.134**	**0.210**	**0.216**	**54**	
# SAMPLES (IN STATISTICS)			**7**	**11**	**11**	**7**	**7**	**6**	**7**	**11**	**7**	**6**	

(CONTD)

B.O.W./ SITE: **PLATO CREEK**
SAMPLE POINT: **AT OLD ROUND LAKE ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-078-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0267325.0 4924650.0 0** REGION: **03** DISTANCE: **104.765**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	*ASUT*
81 01 14 1230		.3	1	343.0	560.0		15.500		7.43	7.5			
81 03 25 1330		.3	1		420	0.50	8.45	98	7.74	8.10	1<T	0.05	0.001<
81 04 28 1500		.3	1	247	380	0.80	8.80	183	8.11	8.20			
81 05 27 1320		.3	1	221	340	0.98		172	7.88	7.35			
81 06 17 1400		.3	1	192	295	1.00		148	7.89	7.90			
81 07 29 1358		.3	1	234	360	0.57		188	7.74	7.35			
81 08 20 1448		.3	1	215	330	1.05		172	7.78	7.35			
81 09 15 1550		.3	1	260	400	0.64		216	7.87	7.15			
81 10 12 1200		.3	1		340	0.76	2.40	179	7.89	7.65	1<T	0.08	0.001
81 11 24 1530		.3	1		365	0.52	2.70	198	8.08	8.00	1<T	0.06	0.001<
81 12 16 1535		.3	1		410	0.96	2.75	227	7.94	6.80	1<T	0.10	0.001<
	MAXIMUM			**343.0**	**560.0**	**1.05**	**15.500**	**227**	**8.11**	**8.20**	**1**	**0.10**	**0.001**
	ARITH MEAN			**244**	**381**	**0.78**	**6.76**	**178**	**7.85**	**7.5**	**1<A**	**0.07**	**0.001**
	GEOM MEAN			**240**	**376**	**0.75**	**5.23**	**174**	**7.85**	**7.5**	**1<A**	**0.07**	
	MINIMUM			**192**	**295**	**0.50**	**2.40**	**98**	**7.43**	**6.80**	**1**	**0.05**	**0.001**
	STD DEV (GEOM *)			**48**	**69**	**0.21**	**5.19**	**36**	**0.18**	**0.4**	**0<A**	**0.02**	
	# SAMPLES (IN STATISTICS)			**7**	**11**	**10**	**6**	**10**	**11**	**11**	**4**	**4**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 25 1330		.3	1	0.002	0.003<	0.003	0.002 <
81 10 12 1200		.3	1	0.017	0.003<	0.004	0.0020<
81 11 24 1530		.3	1	0.002	0.003<	0.002	0.0010<
81 12 16 1535		.3	1	0.004	0.003<	0.003	0.001 <
	MAXIMUM			**0.017**		**0.004**	
	ARITH MEAN			**0.006**		**0.003**	
	GEOM MEAN			**0.004**		**0.003**	
	MINIMUM			**0.002**		**0.002**	
	STD DEV (GEOM *)			**0.007**		**0.001**	
	# SAMPLES (IN STATISTICS)			**4**		**4**	

B.O.W./ SITE: **PLATO CREEK**
SAMPLE POINT: **AT FREEMAN CORNERS BRIDGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-081-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0278100.0 4928750.0 4** REGION: **03** DISTANCE: **87.707**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP. DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 06 09 1102		.3	1	29002	6	17.5	5.5	0.076					
81 07 07 1009		.3	1	29012	6	23.0	7.0						
81 08 10 1036		3	1	29022	6	21.5	7.5	0.048	0.022	0.030	0.820	0.002	0.020
	MAXIMUM					**23.0**	**7.5**	**0.076**	**0.022**	**0.030**	**0.820**	**0.002**	**0.020**
	ARITH MEAN					**20.7**	**6.7**	**0.062**	**0.022**	**0.030**	**0.820**	**0.002**	**0.020**
	GEOM MEAN					**20.5**	**6.6**	**0.060**					
	MINIMUM					**17.5**	**5.5**	**0.048**	**0.022**	**0.030**	**0.820**	**0.002**	**0.020**
	STD DEV (GEOM *)					**2.8**	**1.0**	**0.020**					
	# SAMPLES (IN STATISTICS)					**3**	**3**	**2**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*
81 06 09 1102		.3	1				445.0	1.40	206.0	7.60	1.000<	0.450	0.001<
81 07 07 1009		.3	1										0.001<
81 08 10 1036		3	1	0.052	0.790	0.842	440.0	1.50				0.290	0.001<
	MAXIMUM						**445.0**	**1.50**	**206.0**	**7.60**		**0.450**	
	ARITH MEAN						**442.5**	**1.45**	**206.0**	**7.60**		**0.370**	
	GEOM MEAN						**442.5**	**1.45**				**0.361**	
	MINIMUM						**440.0**	**1.40**	**206.0**	**7.60**		**0.290**	
	STD DEV (GEOM *)						**3.5**	**0.07**				**0.113**	
	# SAMPLES (IN STATISTICS)						**2**	**2**	**1**	**1**		**2**	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
	TEST-NAME:			*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 06 09 1102		.3	1	0.006	0.003<		0.001		0.001	
81 07 07 1009		.3	1	0.002	0.003<		0.001<		0.002<	
81 08 10 1036		3	1	0.010	0.003<	0.001	0.002	0.025	0.001	0.002
	MAXIMUM			**0.010**		**0.001**	**0.002**	**0.025**	**0.001**	**0.002**
	ARITH MEAN			**0.006**		**0.001**	**0.001**	**0.025**	**0.001**	**0.002**
	GEOM MEAN			**0.005**			**0.001**		**0.001**	
	MINIMUM			**0.002**		**0.001**	**0.001**	**0.025**	**0.001**	**0.002**
	STD DEV (GEOM *)			**0.004**			**0.001**		**0.000**	
	# SAMPLES (IN STATISTICS)			**3**		**1**	**2**	**1**	**2**	**1**

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **AT BRIDGE ON CORDOVA ROAD NEAR ROCKDALE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-082-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0277450.0 4931600.0 4** REGION: **03** DISTANCE: **90.604**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1030		.3	1	31024	6	4	8	4<	4<	0.0	13.2		0.009
81 02 18 1035		.3	1	31076	6	10I	90	4<	4<	1.8	11.2		0.008
81 03 25 1100		.3	1	31042	6	10A	20A	4<	4<	3.0	11.90		0.011
81 04 28 1310		.3	1	31118	6 8	10A	120	10<	10<	10.0	10.50	0.8	0.021
81 05 27 1130		.3	1	31184	6 8	10<	150	4<	4<	19.0	10.40		0.012
81 06 18 1050		.3	1	31258	6 8	80A	9400	10A	10<	22.0	10.60	0.2	0.013
81 07 29 1127		.3	1	31302	6 8	10000<	1500000	4<	8	18.8	8.60		0.008
81 08 20 1310		.3	1	31375	8	140A	11600	10A	10<	21.8	10.30		0.011
81 09 15 1330		.3	1	31424	8	20A	530	10A	10<	18.8	12.30		0.010
81 10 28 1005		.3	1	31485	8	60A	80A	10A	10<	10.5	12.20		0.008
81 11 24 1330		.3	1	31547		10<	60A	4<	4<	3.0	13.80		0.012
81 12 16 1336		.3	1	31637	8					0.8	10.90		0.015
MAXIMUM						**140**	**1500000**	**10**	**8**	**22.0**	**13.80**	**0.8**	**0.021**
ARITH MEAN						**42**	**138369**	**10**	**8**	**11.8**	**11.3**	**0.5**	**0.011**
GEOM MEAN						**22**	**436**	**10**		**7.5**	**11.2**	**0.4**	**0.011**
MINIMUM						**4**	**8**	**10**	**8**	**0.8**	**8.60**	**0.2**	**0.008**
STD DEV (GEOM *)						**3***	**34***	**0***		**8.6**	**1.4**	**0.4**	**0.004**
# SAMPLES (IN STATISTICS)						**8**	**11**	**4**	**1**	**11**	**12**	**2**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 01 14 1030		.3	1		0.040	0.390					0.350		
81 02 18 1035		.3	1		0.048	0.420					0.372		
81 03 25 1100		.3	1	0.002	0.042	0.33	0.002	0.150	0.150	0.194	0.288	0.482	84
81 04 28 1310		.3	1	0.008	0.040	0.40	0.003	0.035	0.040	0.078	0.360	0.438	88
81 05 27 1130		.3	1	0.005	0.032	0.33	0.008	0.025	0.035	0.065	0.298	0.363	101
81 06 18 1050		.3	1	0.003	0.034	0.32	0.014	0.030	0.045	0.078	0.286	0.364	100
81 07 29 1127		.3	1	0.001	0.030	0.32	0.003	0.015	0.020	0.048	0.290	0.338	104
81 08 20 1310		.3	1	0.002	0.024	0.35	0.001	0.010	0.010	0.035	0.326	0.361	104
81 09 15 1330		.3	1	0.004	0.032	0.34	0.003	0.015	0.020	0.050	0.308	0.358	
81 10 28 1005		.3	1	0.001	0.010	0.36	0.003	0.020	0.025	0.033	0.350	0.383	105
81 11 24 1330		.3	1	0.002	0.024	0.39	0.001	0.025	0.025	0.050	0.366	0.416	102
81 12 16 1336		.3	1	0.006	0.008	0.38	0.034	0.030	0.065	0.072	0.372	0.444	101
MAXIMUM				**0.008**	**0.048**	**0.420**	**0.034**	**0.150**	**0.150**	**0.194**	**0.372**	**0.482**	**105**
ARITH MEAN				**0.003**	**0.030**	**0.36**	**0.007**	**0.035**	**0.043**	**0.070**	**0.330**	**0.395**	**99**
GEOM MEAN				**0.003**	**0.027**	**0.35**	**0.004**	**0.026**	**0.033**	**0.061**	**0.329**	**0.392**	**99**
MINIMUM				**0.001**	**0.008**	**0.32**	**0.001**	**0.010**	**0.010**	**0.033**	**0.286**	**0.338**	**84**
STD DEV (GEOM *)				**0.002**	**0.012**	**0.03**	**0.010**	**0.041**	**0.041**	**0.046**	**0.035**	**0.047**	7
# SAMPLES (IN STATISTICS)				**10**	**12**	**12**	**10**	**10**	**10**	**10**	**12**	**10**	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
81 01 14 1030		.3	1			165.0				7.69	7.8		
81 02 18 1035		.3	1			170.0				7.49	7.6		
81 03 25 1100		.3	1	1		128	0.68	2.95	49	7.16	7.90	49	16.0
81 04 28 1310		.3	1		86	132	0.80	2.80	48	7.82	7.70		
81 05 27 1130		.3	1	1 <W		155	0.46	3.70	53	8.01	7.50	61	20.4
81 06 18 1050		.3	1		98	150	0.48		56	8.13	8.05		
81 07 29 1127		.3	1	0.5		160	0.64	2.95	64	7.86	7.80	68	22.4
81 08 20 1310		.3	1	0.1<W		160	0.76	2.95	62	8.18	8.15	66	21.8
81 09 15 1330		.3	1			160	0.27	2.85	60	8.00	8.25	61	20.2
81 10 28 1005		.3	1	1.0		160	0.79	3.15	67	8.08	7.80	68	22.0
81 11 24 1330		.3	1	0.5		155	0.79	3.15	68	7.85	8.40	74	25.0
81 12 16 1336		.3	1	0.4		155	1.02	2.85	64	7.96	7.50	72	24.0
MAXIMUM				**1**	**98**	**170.0**	**1.02**	**3.70**	**68**	**8.18**	**8.40**	**74**	**25.0**
ARITH MEAN				**0 <A**	**92**	**154**	**0.67**	**3.04**	**59**	**7.85**	**7.8**	**65**	**21.5**
GEOM MEAN				**0 <A**	**92**	**153**	**0.63**	**3.03**	**59**	**7.85**	**7.8**	**64**	**21.3**
MINIMUM				**0.1**	**86**	**128**	**0.27**	**2.80**	**48**	**7.16**	**7.50**	**49**	**16.0**
STD DEV (GEOM *)				**0 <A**	**8**	**12**	**0.22**	**0.28**	**7**	**0.29**	**0.2**	**8**	**2.7**
# SAMPLES (IN STATISTICS)				**7**	**2**	**12**	**10**	**9**	**10**	**12**	**12**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG
81 03 25 1100		.3	1	2.10
81 05 27 1130		.3	1	2.50
81 07 29 1127		.3	1	2.95
81 08 20 1310		.3	1	2.85
81 09 15 1330		.3	1	2.65
81 10 28 1005		.3	1	3.20
81 11 24 1330		.3	1	2.70
81 12 16 1336		.3	1	2.85
MAXIMUM				**3.20**
ARITH MEAN				**2.72**
GEOM MEAN				**2.71**
MINIMUM				**2.10**
STD DEV (GEOM *)				**0.33**
# SAMPLES (IN STATISTICS)				**8**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **FIRST ROAD ABOVE BELMONT LAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-083-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0275875.0 4934950.0 4** REGION: **03** DISTANCE: **95.431**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 14 1050		.3	1	31025	4	20	60	4<	4<	0.0	12.9	1.2	0.010
81 02 18 1115		.3	1	31077	6	70I	630	8	24	1.5	11.6	0.7	0.010
81 03 25 1150		.3	1	31044	6	10<	90A	4	4	3.0	15.20		0.207
81 04 28 1350		.3	1	31120	6 8	210	3000	10<	20A	10.2	10.80	0.4	0.016
81 05 27 1210		.3	1	31186	6 8	410A	2900	20	4<	18.2	9.70		0.012
81 06 18 1000		.3	1	31256	6 8	280A	7100	10A	80A	21.2	9.50	0.2	0.009
81 07 29 1120		.3	1	31304	6 8	520A	14200	112	144	19.0	8.60		0.011
81 08 20 1400		.3	1	31377	8	320A	11400	50A	20A	21.8	8.80		0.010
81 09 15 1410		.3	1	31426	8 9	230	2200	20A	10<	19.0	13.20		0.214
81 10 28 1045		.3	1	31487	8	420	940	30A	50A	8.0	13.80		0.012
81 11 24 1406		.3	1	31549	8	10A	140	4<	4<	2.5	14.40		0.025
81 12 16 1425		.3	1	31639	8	20A	140	4<	4<	1.5	11.50		0.009
MAXIMUM						**520**	**14200**	**112**	**144**	**21.8**	**15.20**	**1.2**	**0.214**
ARITH MEAN						**228**	**3567**	**32**	**49**	**11.4**	**11.6**	**0.6**	**0.045**
GEOM MEAN						**124**	**1027**	**20**	**30**	**7.5**	**11.4**	**0.5**	**0.019**
MINIMUM						**10**	**60**	**4**	**4**	**1.5**	**8.60**	**0.2**	**0.009**
STD DEV (GEOM *)						**4***	**7***	**3***	**3***	**8.5**	**2.2**	**0.4**	**0.077**
# SAMPLES (IN STATISTICS)						**11**	**12**	**8**	**7**	**11**	**12**	**4**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L
81 01 14 1050		.3	1	0.001	0.052	0.390	0.001	0.109		0.162	0.338	0.500	109.0
81 02 18 1115		.3	1	0.002	0.088	0.450	0.005	0.145		0.238	0.362	0.600	112.0
81 03 25 1150		.3	1	0.200	0.008	0.26	0.002	0.125	0.125	0.135	0.252	0.387	83
81 04 28 1350		.3	1	0.003	0.022	0.32	0.002	0.035	0.040	0.059	0.298	0.357	88
81 05 27 1210		.3	1	0.002	0.018	0.35	0.019	0.020	0.040	0.057	0.332	0.389	97
81 06 18 1000		.3	1	0.006	0.002	0.35	0.028	0.035	0.065	0.065	0.348	0.413	103
81 07 29 1120		.3	1	0.001	0.026	0.34	0.001	0.035	0.035	0.062	0.314	0.376	98
81 08 20 1400		.3	1	0.003	0.030	0.34	0.001<T	0.010	0.010	0.041	0.310	0.351	105
81 09 15 1410		.3	1	0.215	0.026	0.37	0.001<T	0.020	0.020	0.047	0.344	0.391	
81 10 28 1045		.3	1	0.002	0.028	0.39	0.001	0.040	0.040	0.069	0.362	0.431	102
81 11 24 1406		.3	1	0.002	0.016	0.62	0.003	0.035	0.040	0.054	0.604	0.658	89
81 12 16 1425		.3	1	0.001	0.006	0.35	0.013	0.075	0.090	0.094	0.344	0.438	98
MAXIMUM				**0.215**	**0.088**	**0.62**	**0.028**	**0.145**	**0.125**	**0.238**	**0.604**	**0.658**	**112.0**
ARITH MEAN				**0.036**	**0.027**	**0.37**	**0.006<A**	**0.057**	**0.050**	**0.090**	**0.351**	**0.441**	**98**
GEOM MEAN				**0.004**	**0.018**	**0.36**	**0.003<A**	**0.043**	**0.041**	**0.078**	**0.343**	**0.432**	**98**
MINIMUM				**0.001**	**0.002**	**0.26**	**0.001**	**0.010**	**0.010**	**0.041**	**0.252**	**0.351**	**83**
STD DEV (GEOM *)				**0.080**	**0.023**	**0.08**	**0.009<A**	**0.045**	**0.034**	**0.059**	**0.086**	**0.097**	**9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA
81 01 14 1050		.3	1	2.0	103.000	165.0		4.200		7.65	8.2		
81 02 18 1115		.3	1	0.8	111.000	170.0		4.550		7.58	7.4		
81 03 25 1150		.3	1	1 <W		128	0.64	3.30	41	7.41	8.10	49	16.2
81 04 28 1350		.3	1		88	136	0.65	3.40	46	8.10	7.50		
81 05 27 1210		.3	1	1		148	0.61	3.30	53	8.14	7.60	62	20.6
81 06 18 1000		.3	1		101	155	0.60		56	8.14	8.10		
81 07 29 1120		.3	1	0.4		150	0.56	3.10	60	7.86	7.40	66	21.8
81 08 20 1400		.3	1	0.7		160	1.10	3.05	61	8.00	7.45	65	22.0
81 09 15 1410		.3	1			155	0.52	3.10	59	7.83	7.70	66	22.6
81 10 28 1045		.3	1	0.8		155	0.99	3.30	57	8.05	7.85	63	21.0
81 11 24 1406		.3	1	0.6		136	0.78	3.10	52	7.88	8.10	57	19.0
81 12 16 1425		.3	1	0.4		150	0.78	3.45	52	7.94	7.25	65	22.0
MAXIMUM				**2.0**	**111.000**	**170.0**	**1.10**	**4.550**	**61**	**8.14**	**8.2**	**66**	**22.6**
ARITH MEAN				**0 <A**	**100**	**150**	**0.72**	**3.44**	**54**	**7.88**	**7.7**	**62**	**20.6**
GEOM MEAN				**0 <A**	**100**	**150**	**0.70**	**3.41**	**53**	**7.88**	**7.7**	**61**	**20.5**
MINIMUM				**0.4**	**88**	**128**	**0.52**	**3.05**	**41**	**7.41**	**7.25**	**49**	**16.2**
STD DEV (GEOM *)				**0 <A**	**9**	**12**	**0.19**	**0.48**	**6**	**0.23**	**0.3**	**6**	**2.1**
# SAMPLES (IN STATISTICS)				**9**	**4**	**12**	**10**	**11**	**10**	**12**	**12**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MGUR MAGNESIM FIL.REAC MG/L AS MG
81 03 25 1150		.3	1	2.10
81 05 27 1210		.3	1	2.50
81 07 29 1120		.3	1	2.70
81 08 20 1400		.3	1	2.70
81 09 15 1410		.3	1	2.35
81 10 28 1045		.3	1	2.65
81 11 24 1406		.3	1	2.25
81 12 16 1425		.3	1	2.55
MAXIMUM				**2.70**
ARITH MEAN				**2.47**
GEOM MEAN				**2.47**
MINIMUM				**2.10**
STD DEV (GEOM *)				**0.22**
# SAMPLES (IN STATISTICS)				**8**

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **AT CORDOVA LAKE OUTLET DAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-084-02**
STORET CODE: **02 004 1220**

LAT: LONG. U T M: **18 0275650.0 4937400.0 4** REGION: **03** DISTANCE: **98.650**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 02 18 1100		.3	1	31078	6	30I	340	4<	32	2.0	11.9	0.7	0.012
81 03 25 1130		.3	1	31043	6	10<	50A	4<	4<	3.0	13.30		0.011
81 04 28 1330		.3	1	31119	6 8	30A	530	10<	10A	9.0	10.20	0.6	0.009
81 05 27 1150		.3	1	31185	6 8	470	340	12	4<	18.2	9.60		0.012
81 06 18 1020		.3	1	31057	6 8	60A	2500	10<	10A	22.2	9.90	0.4	0.013
81 07 29 1147		.3	1	31303	6 8	160	2050	8	4<	20.4	8.20		0.009
81 08 20 1330		.3	1	31376	8	10<	1500>	10<	10<	21.4	9.80		0.007
81 09 15 1350		.3	1	31425	8	170	1800	10<	10<	18.8	12.30		0.214
81 10 28 1029		.3	1	31486	8	50A	530	10<	10A	8.0	12.40		0.009
81 11 24 1345		.3	1	31548	8	60A	80A	10<	10<	3.0	13.70		0.022
81 12 16 1400		.3	1	31638	8					0.8	11.10		0.016
MAXIMUM						**470**	**2500**	**12**	**32**	**22.2**	**13.70**	**0.7**	**0.214**
ARITH MEAN						**129**	**913**	**10**	**15**	**11.5**	**11.1**	**0.6**	**0.030**
GEOM MEAN						**82**	**474**	**10**	**13**	**7.4**	**11.0**	**0.6**	**0.015**
MINIMUM						**30**	**50**	**8**	**10**	**0.8**	**8.20**	**0.4**	**0.007**
STD DEV (GEOM *)						**3***	**4***	**1***	**2***	**8.7**	**1.7**	**0.2**	**0.061**
# SAMPLES (IN STATISTICS)						**8**	**9**	**2**	**4**	**11**	**11**	**3**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
81 02 18 1100		.3	1	0.002	0.082	0.500	0.005	0.140		0.227	0.418	0.645	113.0
81 03 25 1130		.3	1	0.002	0.030	0.39	0.002	0.140	0.140	0.172	0.360	0.532	81
81 04 28 1330		.3	1	0.001	0.014	0.31	0.002	0.040	0.040	0.056	0.296	0.352	88
81 05 27 1150		.3	1	0.001	0.042	0.35	0.003	0.015	0.020	0.060	0.308	0.368	94
81 06 18 1020		.3	1	0.004	0.044	0.36	0.012	0.025	0.035	0.081	0.316	0.397	103
81 07 29 1147		.3	1	0.002	0.032	0.35	0.001<T	0.010	0.010	0.043	0.318	0.361	101
81 08 20 1330		.3	1	0.002	0.034	0.35	0.001<T	0.005<T	0.005<T	0.040	0.316	0.356	96
81 09 15 1350		.3	1	0.200	0.042	0.39	0.001<T	0.015	0.015	0.058	0.348	0.406	
81 10 28 1029		.3	1	0.002	0.026	0.39	0.002	0.035	0.035	0.063	0.364	0.427	105
81 11 24 1345		.3	1	0.002	0.024	0.52	0.003	0.040	0.045	0.067	0.496	0.563	88
81 12 16 1400		.3	1	0.005	0.004	0.35	0.026	0.065	0.090	0.095	0.346	0.441	99
MAXIMUM				**0.200**	**0.082**	**0.52**	**0.026**	**0.140**	**0.140**	**0.227**	**0.496**	**0.645**	**113.0**
ARITH MEAN				**0.020**	**0.034**	**0.38**	**0.005<A**	**0.048<A**	**0.043<A**	**0.092**	**0.357**	**0.449**	**96**
GEOM MEAN				**0.003**	**0.028**	**0.38**	**0.003<A**	**0.030<A**	**0.029<A**	**0.080**	**0.353**	**0.440**	**96**
MINIMUM				**0.001**	**0.004**	**0.31**	**0.001**	**0.005**	**0.005**	**0.043**	**0.296**	**0.352**	**81**
STD DEV (GEOM *)				**0.060**	**0.020**	**0.06**	**0.008<A**	**0.048<A**	**0.042<A**	**0.060**	**0.060**	**0.098**	**9**
# SAMPLES (IN STATISTICS)				**11**	**11**	**11**	**11**	**11**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
81 02 18 1100		.3	1	2.0	111.000	170.0		7.750		7.53	7.5		
81 03 25 1130		.3	1	1 <W		124	0.67	3.35	53	7.24	7.90	49	16.2
81 04 28 1330		.3	1		87	134	0.90	3.35	46	7.81	7.80		
81 05 27 1150		.3	1	1 <W		145	0.56	3.75	52	8.09	7.50	61	20.2
81 06 18 1020		.3	1		101	155	0.65		55	8.09	8.15		
81 07 29 1147		.3	1	0.4		155	0.52	3.25	58	7.81	7.70	64	21.4
81 08 20 1330		.3	1	0.3		148	0.79	3.05	58	8.20	7.90	66	22.4
81 09 15 1350		.3	1			150	0.46	3.10	63	8.05	7.65	68	22.8
81 10 28 1029		.3	1	0.6		160	0.74	3.40	57	7.94	7.75	63	21.0
81 11 24 1345		.3	1	0.3		136	1.31	3.15	52	7.79	8.25	56	18.8
81 12 16 1400		.3	1	0.6		150	1.18	3.50	51	7.70	7.30	65	22.0
MAXIMUM				**2.0**	**111.000**	**170.0**	**1.31**	**7.750**	**63**	**8.20**	**8.25**	**68**	**22.8**
ARITH MEAN				**0 <A**	**99**	**147**	**0.78**	**3.76**	**54**	**7.84**	**7.7**	**61**	**20.6**
GEOM MEAN				**0 <A**	**99**	**147**	**0.74**	**3.61**	**54**	**7.84**	**7.7**	**61**	**20.5**
MINIMUM				**0.3**	**87**	**124**	**0.46**	**3.05**	**46**	**7.24**	**7.30**	**49**	**16.2**
STD DEV (GEOM *)				**0 <A**	**12**	**12**	**0.28**	**1.41**	**5**	**0.28**	**0.2**	**6**	**2.2**
# SAMPLES (IN STATISTICS)				**8**	**3**	**11**	**10**	**10**	**10**	**11**	**11**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG
81 03 25 1130		.3	1	2.05
81 05 27 1150		.3	1	2.50
81 07 29 1147		.3	1	2.65
81 08 20 1330		.3	1	2.60
81 09 15 1350		.3	1	2.70
81 10 28 1029		.3	1	2.65
81 11 24 1345		.3	1	2.20
81 12 16 1400		.3	1	2.55
MAXIMUM				**2.70**
ARITH MEAN				**2.49**
GEOM MEAN				**2.48**
MINIMUM				**2.05**
STD DEV (GEOM *)				**0.24**
# SAMPLES (IN STATISTICS)				**8**

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **AT HWY.NO.28 PAUDASH LAKE OUTLET 76 1**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-089-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0265350.0 4985000.0 4** REGION: **04** DISTANCE: **172.034**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 02 17 1200		.3	1	25458	8								
81 04 30 1240		.3	1	25502									
81 06 09 1641		.3	1	29008	6	20.0	7.5	0.080			0.790		
81 06 23 1305		.3	1	25526									
81 07 31 1205		.3	1	25558									
81 08 10 1526		.3	1	29028	6	25.0	8.0	0.024	0.002<	0.010	0.560	0.002<	0.020<
81 09 10 1200		.3	1	25576									
81 10 13 1215		.3	1	25582									
81 12 02 1200		.3	1	25613									
MAXIMUM						**25.0**	**8.0**	**0.080**		**0.010**	**0.790**		
ARITH MEAN						**22.5**	**7.7**	**0.052**		**0.010**	**0.675**		
GEOM MEAN						**22.4**	**7.7**	**0.044**			**0.665**		
MINIMUM						**20.0**	**7.5**	**0.024**		**0.010**	**0.560**		
STD DEV (GEOM *)						**3.5**	**0.4**	**0.040**			**0.163**		
# SAMPLES (IN STATISTICS)						**2**	**2**	**2**		**1**	**2**		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	RADIUM 226 FIL. PCI/L
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*RA226F*
81 02 17 1200		.3	1										1.000<
81 04 30 1240		.3	1										1.000<
81 06 09 1641		.3	1				96.0	0.77	98.0	7.20	2.000	0.050<	
81 06 23 1305		.3	1										1.000<
81 07 31 1205		.3	1										1.000<
81 08 10 1526		.3	1	0.032	0.550	0.582	112.0	1.00					
81 09 10 1200		.3	1										1.000<
81 10 13 1215		.3	1										1.000<
81 12 02 1200		.3	1										4.000
MAXIMUM							**112.0**	**1.00**	**98.0**	**7.20**	**2.000**		**4.000**
ARITH MEAN							**104.0**	**0.88**	**98.0**	**7.20**	**2.000**		**4.000**
GEOM MEAN							**103.7**	**0.88**					
MINIMUM							**96.0**	**0.77**	**98.0**	**7.20**	**2.000**		**4.000**
STD DEV (GEOM *)							**11.3**	**0.16**					
# SAMPLES (IN STATISTICS)							**2**	**2**	**1**	**1**	**1**		**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	GROSS ALPHA CT FILTERED PCI/L	GROSS ALPHA CT UNDISSOL PCI/L	GROSS BETA CT FILTERED PCI/L	GROSS BETA CT UNDISSOL PCI/L	URANIUM 238 UG/L
TEST-NAME:				*GACF*	*GACP*	*GBCF*	*GBCP*	*UU238*
81 02 17 1200		.3	1	2.000	1.000<	2.000	1.000	10.000<
81 04 30 1240		.3	1	1.000	1.000<	2.000	1.000<	10.000<
81 06 23 1305		.3	1	5.000	1.000	3.000	1.000<	3.000<
81 07 31 1205		.3	1	2.000	1.000<	2.000	1.000<	3.000<
81 09 10 1200		.3	1	9.000	1.000<	3.000	1.000<	5.000
81 10 13 1215		.3	1	5.000	1.000<	2.000	1.000<	3.000
81 12 02 1200		.3	1	68.000	5.000	11.000	13.000	37.000
MAXIMUM				**68.000**	**5.000**	**11.000**	**13.000**	**37.000**
ARITH MEAN				**13.143**	**3.000**	**3.571**	**7.000**	**15.000**
GEOM MEAN				**4.829**	**2.236**	**2.865**	**3.606**	**8.218**
MINIMUM				**1.000**	**1.000**	**2.000**	**1.000**	**3.000**
STD DEV (GEOM *)				**24.341**	**2.828**	**3.309**	**8.485**	**19.079**
# SAMPLES (IN STATISTICS)				**7**	**2**	**7**	**2**	**3**

B.O.W./ SITE: **NORTH RIVER**
SAMPLE POINT: **NEAR NORTH RIVER BAY,BELMONT LAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-091-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0274350.0 4931650.0 4** REGION: **03** DISTANCE: **93.822**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 14 1109		.3	1	31026	4	30I	120	4<	4<	0.0	12.6	1.2	0.009
81 02 18 1200		.3	1	31079	6	80I	790	4	20	1.5	11.2	0.5	0.013
81 03 25 1210		.3	1	31045	6	40A	1200	4<	4<	4.0	12.00		0.024
81 04 28 1412		.3	1	31121	6 8	160	3000>	10<	10A	11.0	12.90	0.8	0.016
81 05 27 1230		.3	1	31187	6 8	390A	12000	64	8	19.5	9.80		0.021
81 06 09 1137		.3	1	29003	6					20.0	8.0		0.014
81 06 18 0935		.3	1	31255	6 8	350A	6400	10A	90A	21.5	9.20	0.4	0.012
81 07 07 1052		.3	1	29013	6					24.0	6.0		
81 07 29 1238		.3	1	31305	6 8	550A	23400	64	52	18.2	8.40		0.013
81 08 10 1100		.3	1	29023	6					23.0	7.5		0.018
81 08 20 1414		.3	1	31378	8	620A	14400	10<	50A	21.8	10.40		0.010
81 09 15 1430		.3	1	31427		140	2800	10A	10<	18.6	12.50		0.238
81 10 28 1106		.3	1	31488	8	460	3200	10A	50A	8.0	12.90		0.015
81 11 24 1428		.3	1	31550	8	60A	160	4<	4<	2.0	14.80		0.050
81 12 16 1440		.3	1	31640	8	30A	100	4<	4	0.5	11.80		0.009
MAXIMUM						**620**	**23400**	**64**	**90**	**24.0**	**14.80**	**1.2**	**0.238**
ARITH MEAN						**242**	**5870**	**27**	**35**	**13.8**	**10.6**	**0.7**	**0.033**
GEOM MEAN						**145**	**1732**	**16**	**23**	**8.8**	**10.3**	**0.7**	**0.019**
MINIMUM						**30**	**100**	**4**	**4**	**0.5**	**6.0**	**0.4**	**0.009**
STD DEV (GEOM *)						**3***	**7***	**3***	**3***	**8.9**	**2.4**	**0.4**	**0.060**
# SAMPLES (IN STATISTICS)						**12**	**11**	**6**	**8**	**14**	**15**	**4**	**14**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST
81 01 14 1109	.3	1		0.001	0.080	0.400	0.002	0.053		0.135	0.320	0.455	105.0
81 02 18 1200	.3	1		0.002	0.180	0.690	0.003	0.110		0.293	0.510	0.803	102.0
81 03 25 1210	.3	1		0.002	0.028	0.40	0.004	0.085	0.090	0.117	0.372	0.489	82
81 04 28 1412	.3	1		0.002	0.030	0.40	0.003	0.040	0.040	0.073	0.370	0.443	112
81 05 27 1230	.3	1		0.004	0.004	0.48	0.041	0.070	0.110	0.115	0.476	0.591	106
81 06 18 0935	.3	1		0.005	0.006	0.38	0.030	0.045	0.075	0.081	0.374	0.455	120
81 07 29 1238	.3	1		0.002	0.028	0.37	0.002	0.065	0.065	0.095	0.342	0.437	115
81 08 10 1100	.3	1		0.004	0.030	0.500	0.002	0.020		0.052	0.470	0.522	
81 08 20 1414	.3	1		0.003	0.044	0.37	0.001	0.010	0.010	0.055	0.326	0.381	118
81 09 15 1430	.3	1		0.210	0.054	0.50	0.001<T	0.020	0.020	0.075	0.446	0.521	
81 10 28 1106	.3	1		0.002	0.034	0.55	0.001	0.020	0.020	0.055	0.516	0.571	116
81 11 24 1428	.3	1		0.001<T	0.028	0.68	0.002	0.015	0.015	0.045	0.652	0.697	109
81 12 16 1440	.3	1		0.002	0.020	0.39	0.019	0.040	0.060	0.079	0.370	0.449	111
MAXIMUM				**0.210**	**0.180**	**0.690**	**0.041**	**0.110**	**0.110**	**0.293**	**0.652**	**0.803**	**120**
ARITH MEAN				**0.018<A**	**0.044**	**0.47**	**0.009<A**	**0.046**	**0.050**	**0.098**	**0.426**	**0.524**	**108**
GEOM MEAN				**0.003<A**	**0.029**	**0.45**	**0.004<A**	**0.036**	**0.038**	**0.085**	**0.417**	**0.513**	**108**
MINIMUM				**0.001**	**0.004**	**0.37**	**0.001**	**0.010**	**0.010**	**0.045**	**0.320**	**0.381**	**82**
STD DEV (GEOM *)				**0.058<A**	**0.045**	**0.11**	**0.013<A**	**0.030**	**0.035**	**0.065**	**0.096**	**0.117**	**10**
# SAMPLES (IN STATISTICS)				**13**	**13**	**13**	**13**	**13**	**10**	**13**	**13**	**13**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
	TEST-NAME:			RSP	RSF	COND25	TURB	CLIDUR	ALKT	PH	FWPH	PHNOL	FEUT
81 01 14 1109	.3	1		1.0	104.000	160.0		2.200		7.44	8.0		
81 02 18 1200	.3	1		0.9	101.000	155.0		2.200		7.28	7.3		
81 03 25 1210	.3	1		1		124	0.89	1.70	50	7.41	7.90		
81 04 28 1412	.3	1			110	170	0.78	2.05	77	7.86	7.90		
81 05 27 1230	.3	1		2		160	0.90	1.60	72	7.83	7.40		
81 06 09 1137	.3	1				180.0	1.20		82.0	7.70		1.000<	0.150
81 06 18 0935	.3	1			117	180	1.20		80	8.14	7.70		
81 07 29 1238	.3	1		0.7		175	0.79	1.95	86	7.81	7.45		
81 08 10 1100	.3	1				180.0	0.65						0.096
81 08 20 1414	.3	1		0.8		180	1.15	2.05	88	8.22	8.00		
81 09 15 1430	.3	1				180	0.91	1.95	83	7.22	7.45		
81 10 28 1106	.3	1		2.0		175	1.38	2.00	77	7.92	7.65		
81 11 24 1428	.3	1		2.3		165	1.50	2.15	76	7.90	8.25		
81 12 16 1440	.3	1		0.4		170	1.22	3.25	75	8.09	7.40		
MAXIMUM				**2.3**	**117**	**180.0**	**1.50**	**3.25**	**88**	**8.22**	**8.25**		**0.150**
ARITH MEAN				**1**	**108**	**168**	**1.05**	**2.10**	**76**	**7.76**	**7.7**		**0.123**
GEOM MEAN				**1**	**107**	**167**	**1.02**	**2.06**	**76**	**7.75**	**7.6**		**0.120**
MINIMUM				**0.4**	**101.000**	**124**	**0.65**	**1.60**	**50**	**7.22**	**7.3**		**0.096**
STD DEV (GEOM *)				**0**	**7**	**15**	**0.26**	**0.42**	**10**	**0.33**	**0.3**		**0.038**
# SAMPLES (IN STATISTICS)				**9**	**4**	**14**	**12**	**11**	**11**	**13**	**12**		**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			HARDT	CAUR	MGUR	ASUT	CUUT	PBUT	ZNUT	NIUT
81 03 25 1210	.3	1		52	16.6	2.60					
81 05 27 1230	.3	1		62	20.0	3.05					
81 06 09 1137	.3	1					0.001<	0.003	0.003<	0.0002<	0.001
81 07 07 1052	.3	1					0.001<	0.001	0.003<	0.002	0.002<
81 07 29 1238	.3	1		71	23.0	3.25					
81 08 10 1100	.3	1					0.001<	0.004	0.003<	0.001	0.001
81 08 20 1414	.3	1		74	24.4	3.20					
81 09 15 1430	.3	1		75	25.2	2.90					
81 10 28 1106	.3	1		77	26.0	3.00					
81 11 24 1428	.3	1		79	27.0	2.75					
81 12 16 1440	.3	1		77	26.0	2.95					
MAXIMUM				**79**	**27.0**	**3.25**		**0.004**		**0.002**	**0.001**
ARITH MEAN				**71**	**23.5**	**2.96**		**0.003**		**0.001**	**0.001**
GEOM MEAN				**70**	**23.3**	**2.96**		**0.002**		**0.001**	**0.001**
MINIMUM				**52**	**16.6**	**2.60**		**0.001**		**0.001**	**0.001**
STD DEV (GEOM *)				**9**	**3.6**	**0.22**		**0.002**		**0.000**	**0.000**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**		**3**		**2**	**2**

B.O.W./ SITE: **NORTH RIVER**
SAMPLE POINT: **AT BRIDGE ON BLUE MOUNTAIN ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-092-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0269650.0 4934200.0 4** REGION: **03** DISTANCE: **102.191**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 14 1130	.3	1		31027	4	40I	110	4<	4<	0.0	12.4	0.8	0.008
81 02 18 1215	.3	1		31080	6	50I	550	16	32	1.5	11.8	0.7	0.011
81 03 25 1230	.3	1		31046		30A	310	8	4<	4.5	11.80	0.2<T	0.204
81 04 28 1435	.3	1		31122		1500	7200	10<	10<	11.0	10.40	0.8	0.014
81 05 27 1255	.3	1		31188	6 8	470A	5700	84	20	19.2	8.60		0.014
81 06 18 0900	.3	1		31254	6 8	700A	70000	40A	40A	21.0	10.10	0.4	0.024
81 07 29 1301	.3	1		31306	6 8	360A	5700	20A	30A	18.2	9.20		0.018
81 08 20 1428	.3	1		31379	8 6	2600A	15000>	10<	10A	20.4	9.50		0.020
81 09 15 1500	.3	1		31428	8	190	2400	20A	10<	17.9	11.40		0.015
81 10 28 1130	.3	1		31489	8	390	1600	10A	100	9.0	12.10	0.6	0.012
81 11 24 1500	.3	1		31551	8	80A	240	4<	4<	2.0	14.10	0.2<T	0.013
81 12 16 1510	.3	1		31641	8	60A	210	4<	4<	1.0	11.30	0.4<T	0.009
MAXIMUM						**2600**	**70000**	**84**	**100**	**21.0**	**14.10**	**0.8**	**0.204**
ARITH MEAN						**539**	**8547**	**28**	**39**	**11.4**	**11.0**	**0.5<A**	**0.030**
GEOM MEAN						**215**	**1450**	**21**	**30**	**7.4**	**10.9**	**0.5<A**	**0.017**
MINIMUM						**30**	**110**	**8**	**10**	**1.0**	**8.60**	**0.2**	**0.008**
STD DEV (GEOM *)						**4***	**7***	**2***	**2***	**8.2**	**1.5**	**0.2<A**	**0.055**
# SAMPLES (IN STATISTICS)						**12**	**11**	**7**	**6**	**11**	**12**	**8**	**12**

(CONTD)

B.O.W./ SITE: **NORTH RIVER**
SAMPLE POINT: **AT BRIDGE ON BLUE MOUNTAIN ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-092-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0269650.0 4934200.0 4** REGION: **03** DISTANCE: **102.191**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1130		.3	1	0.003	0.082	0.410	0.003	0.072		0.157	0.328	0.485	69.0
81 02 18 1215		.3	1	0.002	0.132	0.500	0.006	0.132		0.270	0.368	0.638	78.0
81 03 25 1230		.3	1	0.200	0.042	0.30	0.003	0.110	0.115	0.155	0.258	0.413	79
81 04 28 1435		.3	1	0.002	0.036	0.36	0.002	0.015	0.015	0.053	0.324	0.377	72
81 05 27 1255		.3	1	0.004	0.006	0.37	0.028	0.055	0.085	0.089	0.364	0.453	82
81 06 18 0900		.3	1	0.003	0.014	0.38	0.025	0.075	0.100	0.114	0.366	0.480	85
81 07 29 1301		.3	1	0.003	0.058	0.38	0.012	0.008	0.020	0.078	0.322	0.400	105
81 08 20 1428		.3	1	0.005	0.050	0.38	0.006	0.015	0.020	0.071	0.330	0.401	90
81 09 15 1500		.3	1	0.004	0.022	0.38	0.001<T	0.040	0.040	0.063	0.358	0.421	
81 10 28 1130		.3	1	0.001<T	0.018	0.42	0.001<T	0.020	0.020	0.039	0.402	0.441	80
81 11 24 1500		.3	1	0.001<T	0.020	0.36	0.001	0.050	0.050	0.071	0.340	0.411	65
81 12 16 1510		.3	1	0.001	0.018	0.33	0.009	0.070	0.080	0.097	0.312	0.409	65
MAXIMUM				**0.200**	**0.132**	**0.500**	**0.028**	**0.132**	**0.115**	**0.270**	**0.402**	**0.638**	**105**
ARITH MEAN				**0.019<A**	**0.041**	**0.38**	**0.008<A**	**0.055**	**0.054**	**0.105**	**0.339**	**0.444**	**79**
GEOM MEAN				**0.003<A**	**0.030**	**0.37**	**0.004<A**	**0.041**	**0.042**	**0.091**	**0.337**	**0.440**	**78**
MINIMUM				**0.001**	**0.006**	**0.30**	**0.001**	**0.008**	**0.015**	**0.039**	**0.258**	**0.377**	**65**
STD DEV (GEOM *)				**0.057<A**	**0.036**	**0.04**	**0.009<A**	**0.039**	**0.038**	**0.064**	**0.036**	**0.069**	**11**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**10**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*
81 01 14 1130		.3	1	5.0	68.000	104.0	1.20	2.700		7.18	7.9		
81 02 18 1215		.3	1	0.3	78.000	120.0	0.87	2.150		7.19	7.2		
81 03 25 1230		.3	1	1		120	0.54	2.20	48	7.28	7.60	1<T	0.19
81 04 28 1435		.3	1		72	110	0.75	1.90	47	8.22	7.05		
81 05 27 1255		.3	1	1		125	0.77	2.05	52	7.74	7.20		
81 06 18 0900		.3	1		83	127	1.00		55	7.97	7.40		
81 07 29 1301		.3	1	1.5		160	0.95	3.40	67	7.49	7.10		
81 08 20 1428		.3	1	0.2		138	0.77	2.60	60	7.75	7.00		
81 09 15 1500		.3	1			150	0.95	2.55	67	7.65	7.30		
81 10 28 1130		.3	1	2.0		120	0.84	2.15	51	7.52	7.20	1<T	0.21
81 11 24 1500		.3	1	1.0		98	0.95	2.10	39	7.50	7.50	1<T	0.19
81 12 16 1510		.3	1	0.3		100	1.05	2.10	42	7.88	7.25		0.16
MAXIMUM				**5.0**	**83**	**160**	**1.20**	**3.40**	**67**	**8.22**	**7.9**	**1**	**0.21**
ARITH MEAN				**1**	**75**	**122**	**0.89**	**2.35**	**53**	**7.61**	**7.3**	**1<A**	**0.19**
GEOM MEAN				**0**	**75**	**121**	**0.87**	**2.32**	**52**	**7.61**	**7.3**	**1<A**	**0.19**
MINIMUM				**0.2**	**68.000**	**98**	**0.54**	**1.90**	**39**	**7.18**	**7.00**	**1**	**0.16**
STD DEV (GEOM *)				**1**	**6**	**19**	**0.17**	**0.43**	**10**	**0.32**	**0.2**	**0<A**	**0.02**
# SAMPLES (IN STATISTICS)				**9**	**4**	**12**	**12**	**11**	**10**	**12**	**12**	**3**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*HARDT*	*CAUR*	*MGUR*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 25 1230		.3	1	48	16.0	2.05	0.001<	0.001<	0.003<	0.006	0.002 <
81 05 27 1255		.3	1	53	17.4	2.30					
81 07 29 1301		.3	1	67	22.2	2.75					
81 08 20 1428		.3	1	61	20.0	2.60					
81 09 15 1500		.3	1	67	22.8	2.45					
81 10 28 1130		.3	1	51	16.8	2.20	0.001<	0.001	0.010	0.002	0.0020<
81 11 24 1500		.3	1	38	12.2	1.80	0.001<	0.013	0.003<	0.002	0.0010<
81 12 16 1510		.3	1	43	14.0	1.90	0.001<	0.008	0.003<	0.005	0.001
MAXIMUM				**67**	**22.8**	**2.75**		**0.013**	**0.010**	**0.006**	**0.001**
ARITH MEAN				**53**	**17.7**	**2.26**		**0.007**	**0.010**	**0.004**	**0.001**
GEOM MEAN				**53**	**17.3**	**2.23**		**0.005**		**0.003**	
MINIMUM				**38**	**12.2**	**1.80**		**0.001**	**0.010**	**0.002**	**0.001**
STD DEV (GEOM *)				**11**	**3.8**	**0.33**		**0.006**		**0.002**	
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**		**3**	**1**	**4**	**1**

B.O.W./ SITE: **BEAVER CREEK**
SAMPLE POINT: **AT BRIDGE ON ROAD TO CORDOVA MINES**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-095-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0285650.0 4934475.0 4** REGION: **04** DISTANCE: **78.212**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 09 1002		.3	1	29001	6	6.640	20.5	8.0	0.016				
81 07 07 0943		.3	1	29011	6	3.070	23.0	7.0					
81 08 10 1002		.3	1	29021	6	0.442	23.0	8.0	0.018	0.002<	0.020	0.530	0.002
MAXIMUM						**6.640**	**23.0**	**8.0**	**0.018**		**0.020**	**0.530**	**0.002**
ARITH MEAN						**3.384**	**22.2**	**7.7**	**0.017**		**0.020**	**0.530**	**0.002**
GEOM MEAN						**2.081**	**22.1**	**7.7**	**0.017**				
MINIMUM						**0.442**	**20.5**	**7.0**	**0.016**		**0.020**	**0.530**	**0.002**
STD DEV (GEOM *)						**3.111**	**1.4**	**0.6**	**0.001**				
# SAMPLES (IN STATISTICS)						**3**	**3**	**3**	**2**		**1**	**1**	**1**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				NNO3FR	NNTIFR	NNKUR	NNKI	COND25	TURB	ALKT	PH	PHNOL	FEUT
81 06 09 1002		.3	1					190.0	0.61	93.0	7.80	1.000<	0.150
81 08 10 1002		.3	1	0.020	0.042	0.510	0.552	200.0	1.00				0.076
MAXIMUM				**0.020**	**0.042**	**0.510**	**0.552**	**200.0**	**1.00**	**93.0**	**7.80**		**0.150**
ARITH MEAN				**0.020**	**0.042**	**0.510**	**0.552**	**195.0**	**0.80**	**93.0**	**7.80**		**0.113**
GEOM MEAN								**194.9**	**0.78**				**0.107**
MINIMUM				**0.020**	**0.042**	**0.510**	**0.552**	**190.0**	**0.61**	**93.0**	**7.80**		**0.076**
STD DEV (GEOM *)								7.1	**0.28**				**0.052**
# SAMPLES (IN STATISTICS)				1	1	1	1	2	2	1	1		2

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				ASUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT
81 06 09 1002		.3	1	0.001<	0.003	0.003<		0.0004		0.002	
81 07 07 0943		.3	1	0.001<	0.002	0.003<		0.003		0.002<	
81 08 10 1002		.3	1	0.001<	0.003	0.003<	0.001	0.003	0.052	0.001<	0.002
MAXIMUM					**0.003**		**0.001**	**0.003**	**0.052**	**0.002**	**0.002**
ARITH MEAN					**0.003**		**0.001**	**0.002**	**0.052**	**0.002**	**0.002**
GEOM MEAN					**0.003**			**0.001**			
MINIMUM					**0.002**		**0.001**	**0.0004**	**0.052**	**0.002**	**0.002**
STD DEV (GEOM *)					**0.001**			**0.001**			
# SAMPLES (IN STATISTICS)					3		1	3	1	1	1

B.O.W./ SITE: **CROWE RIVER**
SAMPLE POINT: **BLOW CONFLUENCE WITH CR.FROM BOW L. 76 2**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-100-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0266325.0 4981525.0 4** REGION: **04** DISTANCE: **166.884**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR
81 06 09 1525		.3	1	29004	6	19.0	8.0	0.012			0.360		
81 08 10 1448		.3	1	29024	6	22.0	8.5	0.020	0.008	0.020	0.440	0.002	0.020
MAXIMUM						**22.0**	**8.5**	**0.020**	**0.008**	**0.020**	**0.440**	**0.002**	**0.020**
ARITH MEAN						**20.5**	**8.2**	**0.016**	**0.008**	**0.020**	**0.400**	**0.002**	**0.020**
GEOM MEAN						**20.4**	**8.2**	**0.015**			**0.398**		
MINIMUM						**19.0**	**8.0**	**0.012**	**0.008**	**0.020**	**0.360**	**0.002**	**0.020**
STD DEV (GEOM *)						**2.1**	**0.4**	**0.006**			**0.057**		
# SAMPLES (IN STATISTICS)						**2**	**2**	**2**	1	1	**2**	1	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				NNTIFR	NNKUR	NNKI	COND25	TURB	ALKT	PH	PHNOL	FEUT
81 06 09 1525		.3	1				132.0	0.70	35.0	7.60	1.000<	0.300
81 08 10 1448		.3	1	0.042	0.420	0.462	260.0	0.85				
MAXIMUM				**0.042**	**0.420**	**0.462**	**260.0**	**0.85**	**35.0**	**7.60**		**0.300**
ARITH MEAN				**0.042**	**0.420**	**0.462**	**196.0**	**0.77**	**35.0**	**7.60**		**0.300**
GEOM MEAN							**185.3**	**0.77**				
MINIMUM				**0.042**	**0.420**	**0.462**	**132.0**	**0.70**	**35.0**	**7.60**		**0.300**
STD DEV (GEOM *)							**90.5**	**0.11**				
# SAMPLES (IN STATISTICS)				1	1	1	2	2	1	1		1

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT TRENT RIVER BRIDGE**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-110-83**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0271000.0 4919450.0 4** REGION: **03** DISTANCE: **71.131**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET. BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT
81 01 14 1150		.3	1	31028	4	110	210	40	40	0.0	12.4	0.8	0.016
81 02 18 1235		.3	1	31081	6	480C	8000	36	88	2.0	11.4	0.4	0.020
81 03 25 1305		.3	1	31047	6	10A	40A	4<	20	4.2	14.30	0.6	0.119
81 04 28 1520		.3	1	31124	6 8	300	1100	10<	10A	10.2	11.50	0.4	0.030
81 05 27 1020		.3	1	31182	6 8	50A	1600	4<	4<	19.0	9.70	1.2	0.031
81 06 17 1230		.3	1	31246	6 8	130A	6000	36	28	22.0	8.70	0.4	0.082
81 07 29 1333		.3	1	31308	6 8	140A	1200	12	8	20.0	9.10		0.040
81 08 20 1520		.3	1	31381	8	270A	1500>	40	52	21.9	12.30	3.8	0.050
81 09 15 1610		.3	1	31430	8	50A	1270	10A	10<	18.8	13.70	3.4	0.055
81 10 28 0933		.3	1	31491	8	110	250	4<	72	8.0	13.10	1.0	0.180
81 11 24 1410		.3	1	31553	8	40A	70A	4<	4	4.0	13.60	0.4	0.017
81 12 16 1608		.3	1	31643	8	10A	40A	4	4<	1.0	10.00	0.8	0.013
MAXIMUM						**480**	**8000**	**40**	**88**	**22.0**	**14.30**	**3.8**	**0.180**
ARITH MEAN						**142**	**1798**	**25**	**36**	**11.9**	**11.6**	**1.2**	**0.054**
GEOM MEAN						**81**	**520**	**19**	**24**	**8.1**	**11.5**	**0.8**	**0.039**
MINIMUM						**10**	**40**	**4**	**4**	**1.0**	**8.70**	**0.4**	**0.013**
STD DEV (GEOM *)						3*	7*	2*	3*	**8.5**	**1.9**	**1.2**	**0.050**
# SAMPLES (IN STATISTICS)						**12**	**11**	**7**	**9**	**11**	**12**	**11**	**12**

(CONTD)

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT TRENT RIVER BRIDGE**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-110-83**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **18 0271000.0 4919450.0 4** REGION: **03** DISTANCE: **71.131**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
TEST-NAME:				*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 14 1150		.3	1	0.005	0.112	0.540	0.003	0.147		0.262	0.428	0.690	187.0
81 02 18 1235		.3	1	0.006	0.134	0.520	0.006	0.259		0.399	0.386	0.785	161.00
81 03 25 1305		.3	1		0.018	0.40					0.382		
81 04 28 1520		.3	1	0.005	0.056	0.47	0.002	0.080	0.080	0.138	0.414	0.552	142
81 05 27 1020		.3	1	0.015	0.054	0.50	0.023	0.035	0.060	0.112	0.446	0.558	141
81 06 17 1230		.3	1	0.042	0.006	0.60	0.071	0.105	0.175	0.182	0.594	0.776	141
81 07 29 1333		.3	1	0.005	0.252	0.78	0.020	0.005	0.020	0.277	0.528	0.805	148
81 08 20 1520		.3	1	0.003	0.380	1.20	0.002	0.005<T	0.005<T	0.387	0.820	1.207	142
81 09 15 1610		.3	1	0.007	0.318	1.02	0.008	0.015	0.025	0.341	0.702	1.043	
81 10 28 0933		.3	1	0.091	0.066	0.80	0.001	0.015	0.015	0.082	0.734	0.816	162
81 11 24 1410		.3	1	0.003	0.060	0.45	0.002	0.030	0.030	0.092	0.390	0.482	145
81 12 16 1608		.3	1	0.004	0.004	0.46	0.045	0.120	0.165	0.169	0.456	0.625	151
MAXIMUM				**0.091**	**0.380**	**1.20**	**0.071**	**0.259**	**0.175**	**0.399**	**0.734**	**1.043**	**187.0**
ARITH MEAN				**0.017**	**0.122**	**0.64**	**0.017**	**0.074<A**	**0.064<A**	**0.205**	**0.496**	**0.713**	**152**
GEOM MEAN				**0.008**	**0.060**	**0.60**	**0.007**	**0.038<A**	**0.038<A**	**0.180**	**0.483**	**0.696**	**151**
MINIMUM				**0.003**	**0.004**	**0.40**	**0.001**	**0.005**	**0.005**	**0.082**	**0.382**	**0.482**	**141**
STD DEV (GEOM *)				**0.027**	**0.127**	**0.25**	**0.023**	**0.079<A**	**0.065<A**	**0.109**	**0.127**	**0.166**	**14**
# SAMPLES (IN STATISTICS)				**11**	**12**	**12**	**11**	**11**	**9**	**10**	**11**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
TEST-NAME:				*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*HARDT*	*CAUR*
81 01 14 1150		.3	1	2.0	185.000	285.0		7.500		7.62	7.6		
81 02 18 1235		.3	1	2.00	159.00	245.0		8.100		7.69	7.2		
81 03 25 1305		.3	1			240	0.98	7.05	54	7.91	8.30		
81 04 28 1520		.3	1		136	210	1.50	6.15	90	8.24	7.70		
81 05 27 1020		.3	1		136	210	7.00	6.80	83	8.12	7.90		
81 06 17 1230		.3	1		137	210	1.30		84	7.97	8.20		
81 07 29 1333		.3	1	5.4		220	3.20	6.95	96	7.84	8.35	85	28.0
81 08 20 1520		.3	1		137	210	12.50		94	7.81	8.40		
81 09 15 1610		.3	1		150	230	1.60	6.70	97	7.94	8.55	89	30.2
81 10 28 0933		.3	1	12.0	150	230	4.10	5.90	92	8.26	8.30	97	33.0
81 11 24 1410		.3	1	2.0	143	220	1.34	6.45	96	8.09	8.25	99	34.0
81 12 16 1608		.3	1	1.1	150	230	1.24	7.05	97	8.30	7.50	97	33.0
MAXIMUM				**12.0**	**185.000**	**285.0**	**12.50**	**8.100**	**97**	**8.30**	**8.55**	**99**	**34.0**
ARITH MEAN				**4.0**	**148**	**228**	**3.48**	**6.86**	**88**	**7.98**	**8.0**	**93**	**31.6**
GEOM MEAN				**2.8**	**147**	**227**	**2.38**	**6.83**	**87**	**7.98**	**8.0**	**93**	**31.6**
MINIMUM				**1.1**	**136**	**210**	**0.98**	**5.90**	**54**	**7.62**	**7.2**	**85**	**28.0**
STD DEV (GEOM *)				**4.1**	**15**	**21**	**3.69**	**0.63**	**13**	**0.22**	**0.4**	**6**	**2.5**
# SAMPLES (IN STATISTICS)				**6**	**10**	**12**	**10**	**10**	**10**	**12**	**12**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*MGUR*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 03 25 1305		.3	1		0.001<	0.001	0.003<	0.013	0.002<
81 07 29 1333		.3	1	3.70					
81 09 15 1610		.3	1	3.40					
81 10 28 0933		.3	1	3.50		0.005	0.003<	0.008	
81 11 24 1410		.3	1	3.35		0.003	0.006	0.014	
81 12 16 1608		.3	1	3.55		0.003	0.004	0.005	
MAXIMUM				**3.70**		**0.005**	**0.006**	**0.014**	
ARITH MEAN				**3.50**		**0.003**	**0.005**	**0.010**	
GEOM MEAN				**3.50**		**0.003**	**0.005**	**0.009**	
MINIMUM				**3.35**		**0.001**	**0.004**	**0.005**	
STD DEV (GEOM *)				**0.14**		**0.002**	**0.001**	**0.004**	
# SAMPLES (IN STATISTICS)				**5**		**4**	**2**	**4**	

B.O.W./ SITE: **SCUGOG RIVER**
SAMPLE POINT: **AT HIGHWAYS NO 7 AND NO 35 LINDSAY**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-116-02**
STORET CODE: **02 004 1220**

LAT: LONG: U T M: **17 0680925.0 4910525.0 4** REGION: **03** DISTANCE: **253.626**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 19 1130		.3	1	38251	4	601	340	4	4	0.5	6.6	0.8	0.014
81 02 24 1040		.3	1	38253	4	7200	160000	8	56	1.0	9.0	1.2	0.050
81 03 23 1040		.3	1	38255		10<	30	4<	4<	5.5	12.2	1.0	0.018
81 05 26 1315		.3	1	38257	8	230	1700	16	8	22.5	10.40	2.4	0.051
81 06 09 1025		.3	1	38259	8	40A	4500	4	4	20.0	7.20	1.0	0.050
81 07 29 0958		.3		38261	8	70A	12000	10	70	20.0	7.00	2.0	0.040
81 08 31 0948		.3	1	38263	8	50A	8000	10<	10<	20.0	7.80	1.8	0.090
81 09 30 1035		.3	1	38265	8	210	2600	20A	10<	11.0	11.80	1.2	0.072
81 10 30 1020		.3	1	38267	8	3400	22000	40A	90A	7.0	10.20	1.6U	0.032
81 12 01 1130		.3	1	38269	8	610	2000	10<	10<	1.0	12.20	1.4	0.032
MAXIMUM						**7200**	**160000**	**40**	**90**	**22.5**	**12.20**	**2.4**	**0.090**
ARITH MEAN						**1319**	**21317**	**15**	**39**	**10.8**	**9.4**	**1.4**	**0.045**
GEOM MEAN						**263**	**3264**	**11**	**19**	**5.7**	**9.2**	**1.4**	**0.039**
MINIMUM						**40**	**30**	**4**	**4**	**0.5**	**6.6**	**0.8**	**0.014**
STD DEV (GEOM *)						**7***	**10***	**2***	**4***	**9.0**	**2.2**	**0.5**	**0.023**
# SAMPLES (IN STATISTICS)						**9**	**10**	**7**	**6**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L
	TEST-NAME:			*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*
81 01 19 1130		.3	1	0.004	0.400	1.220	0.012	0.578		0.990	0.820	1.810	256.0
81 02 24 1040		.3	1	0.011	0.160	0.830	0.027	1.170		1.357	0.670	2.027	201.00
81 03 23 1040		.3	1	0.001<	0.140	0.870	0.008	0.592		0.740	0.730	1.470	258.00
81 05 26 1315		.3	1	0.012	0.214	1.01	0.005	0.045	0.050	0.264	0.796	1.060	238
81 06 09 1025		.3	1	0.009	0.194	1.00	0.005	0.005	0.010	0.204	0.806	1.010	223
81 07 29 0958		.3		0.002	0.102	1.00	0.009	0.025	0.035	0.136	0.898	1.034	216
81 08 31 0948		.3	1	0.002	0.260	1.10	0.005	0.005	0.010	0.270	0.840	1.110	210
81 09 30 1035		.3	1	0.002	0.168	1.22	0.004	0.005	0.010	0.177	1.052	1.229	195
81 10 30 1020		.3	1	0.001	0.016	0.88	0.078	0.030	1.100	0.124	0.864	0.988	308
81 12 01 1130		.3	1	0.001	0.080	0.98	0.004	0.760	0.765	0.844	0.900	1.744	254
	MAXIMUM			**0.012**	**0.400**	**1.22**	**0.078**	**1.170**	**1.100**	**1.357**	**1.052**	**2.027**	**308**
	ARITH MEAN			**0.005**	**0.173**	**1.01**	**0.016**	**0.321**	**0.283**	**0.511**	**0.838**	**1.348**	**235**
	GEOM MEAN			**0.003**	**0.136**	**1.00**	**0.009**	**0.065**	**0.055**	**0.360**	**0.832**	**1.302**	**233**
	MINIMUM			**0.001**	**0.016**	**0.830**	**0.004**	**0.005**	**0.010**	**0.124**	**0.670**	**0.988**	**195**
	STD DEV (GEOM *)			**0.004**	**0.106**	**0.13**	**0.023**	**0.422**	**0.454**	**0.438**	**0.104**	**0.386**	**34**
	# SAMPLES (IN STATISTICS)			**9**	**10**	**10**	**10**	**10**	**7**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*CUUT*	*PBUT*	*ZNUT*
81 01 19 1130		.3	1	254.0	425.0		16.000		7.49	7.4			
81 02 24 1040		.3	1	195.000	300.0		8.800		7.48	7.5			
81 03 23 1040		.3	1	254.000	390.0		15.000		7.81	7.6			
81 05 26 1315		.3	1	228	350	4.00	13.00	148	7.87	8.00			
81 06 09 1025		.3	1	214	330	1.00	12.50	141	8.27	8.00			
81 07 29 0958		.3		208	320	0.88	12.50	142	7.90	7.80			
81 08 31 0948		.3	1	156	250	4.80	13.00	88	7.78	8.20			
81 09 30 1035		.3	1	182	280	5.90	14.00	112	8.10	8.10	0.002	0.003	0.001
81 10 30 1020		.3	1	301	420	3.90	15.50	185	7.83	7.70	0.009	0.005	0.032
81 12 01 1130		.3	1	247	380	3.80	15.50	160	7.98	7.80	0.009	0.005	0.003
	MAXIMUM			**301**	**425.0**	**5.90**	**16.000**	**185**	**8.27**	**8.20**	**0.009**	**0.005**	**0.032**
	ARITH MEAN			**223**	**344**	**3.47**	**13.58**	**139**	**7.85**	**7.8**	**0.007**	**0.004**	**0.012**
	GEOM MEAN			**220**	**339**	**2.84**	**13.40**	**136**	**7.85**	**7.8**	**0.005**	**0.004**	**0.005**
	MINIMUM			**156**	**250**	**0.88**	**8.800**	**88**	**7.48**	**7.4**	**0.002**	**0.003**	**0.001**
	STD DEV (GEOM *)			**41**	**59**	**1.87**	**2.14**	**32**	**0.24**	**0.2**	**0.004**	**0.001**	**0.017**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**7**	**10**	**7**	**10**	**10**	**3**	**3**	**3**

B.O.W./ SITE: **TRENT RIVER**
SAMPLE POINT: **AT GLEN ROSS BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HK004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **TRENT RIVER**

STATION ID: **17-0021-118-02**
STORET CODE: **02 004 1220**

LAT: LONG: U.T.M: **18 0292700.0 4904250.0 4** REGION: **04** DISTANCE: **23.013**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*
81 05 05 1125		.3	1	26304	6	151.000	12.0	9.0	0.080	220.0	2.30	92.0	7.90
81 06 02 1115		.3	1	26309	8	113.000	17.0	8.0	0.034	210.0	2.60	88.0	7.90
81 06 30 1145		.3	1	26314	8	68.000	21.0	8.0	0.034	200.0	2.60	93.0	8.00
81 07 28 1145		.3	1	26319	8	33.200	20.0	8.0					
81 09 01 1150		.3	1	26324	5 8	29.400	21.0	8.0	0.040	220.0	1.40	93.0	2.90
81 10 05 1145		.3	1	26329	5 8	133.000	9.5	8.0					
81 11 03 1310		.3	1	26334	6 8	235.000	6.0	10.0	0.040	240.0	2.50	115.0	7.90
81 12 01 1125		.3	1	26339	6 8	160.000	0.5	11.0					
	MAXIMUM					**235.000**	**21.0**	**11.0**	**0.080**	**240.0**	**2.60**	**115.0**	**8.00**
	ARITH MEAN					**115.325**	**13.4**	**8.7**	**0.046**	**218.0**	**2.28**	**96.2**	**6.92**
	GEOM MEAN					**93.140**	**9.2**	**8.7**	**0.043**	**217.6**	**2.22**	**95.8**	**6.48**
	MINIMUM					**29.400**	**0.5**	**8.0**	**0.034**	**200.0**	**1.40**	**88.0**	**2.90**
	STD DEV (GEOM *)					**69.975**	**7.7**	**1.2**	**0.019**	**14.8**	**0.51**	**10.7**	**2.25**
	# SAMPLES (IN STATISTICS)					**8**	**8**	**8**	**5**	**5**	**5**	**5**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*PHNOL*	*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 05 05 1125		.3	1	1.000<	0.250		0.001<	0.001<	0.003<	0.001<	0.002<
81 06 02 1115		.3	1	1.000<	0.400		0.001<	0.004	0.003<	0.002	0.002<
81 06 30 1145		.3	1		0.050		0.001<	0.001<	0.003<	0.001<	0.002<
81 07 28 1145		.3	1	1.000<			0.001<	0.002	0.003<	0.002	0.001
81 09 01 1150		.3	1		0.300	20.000	0.001<	0.005	0.003<	0.001<	0.002<
81 10 05 1145		.3	1				0.001<	0.001	0.003<	0.003	0.001<
81 11 03 1310		.3	1		0.350		0.001<	0.001<	0.003<	0.001<	0.002<
81 12 01 1125		.3	1	1.000<			0.001<	0.001<	0.003<	0.001<	0.002<
	MAXIMUM				**0.400**	**20.000**		**0.005**		**0.003**	**0.001**
	ARITH MEAN				**0.270**	**20.000**		**0.003**		**0.002**	**0.001**
	GEOM MEAN				**0.221**			**0.003**		**0.002**	
	MINIMUM				**0.050**	**20.000**		**0.001**		**0.002**	**0.001**
	STD DEV (GEOM *)				**0.135**			**0.002**		**0.001**	
	# SAMPLES (IN STATISTICS)				**5**	**1**		**4**		**3**	**1**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-001-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0309150.0 4892875.0 4** REGION: **04** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 01 12 1210		.3	1	27012	4	76	24	0.0	23.0	0.014	0.004	0.050	0.430
81 02 03 1330		.3	1	27025	6	16	28	0.0	18.0	0.042	0.026	0.070	0.670
81 02 18 1340		.3	1	25471	8								
81 03 03 1405		.3	1	27038	3			1.0	11.0				
81 03 23 1250		.3	1	25484	6								
81 04 06 1505		.3	1	27051	6	4<	8	9.5	11.0	0.020	0.002	0.010	0.440
81 04 27 1340		.3	1	25496	8								
81 05 04 1300		.3	1	27064	6	4<	4<	14.0	11.0	0.022	0.006	0.040	0.470
81 05 13 1300		.3	1	25515									
81 06 01 1400		.3	1	27077	6	32	8	20.0	10.0	0.026	0.016	0.060	0.580
81 06 29 1320		.3	1	25539									
81 07 07 1345		.3	1	27090	6			24.0	8.0				
81 07 16 1245		.3	1	25552	6								
81 08 12 1350		.3	1	27103	8	276	164	24.5	8.0	0.018	0.006	0.030	0.580
81 08 26 1230		.3	1	25570	6								
81 09 09 1350		.3	1	27116	6	212	156	18.0	9.0	0.028	0.018	0.050	0.650
81 10 06 1420		.3	1	27129	6			12.0	9.0				
81 10 16 1355		.3	1	25595	6								
81 11 03 1320		.3	1	27142	6	8	16	8.0	12.0	0.032	0.006	0.010	0.650
81 11 26 1255		.3	1	25608	6								
81 12 14 1425		.3	1	27155	6			0.5	12.0				
MAXIMUM						**276**	**164**	**24.5**	**23.0**	**0.042**	**0.026**	**0.070**	**0.670**
ARITH MEAN						**103**	**58**	**13.1**	**11.8**	**0.025**	**0.010**	**0.040**	**0.559**
GEOM MEAN						**51**	**29**	**8.2**	**11.3**	**0.024**	**0.008**	**0.033**	**0.551**
MINIMUM						**8**	**8**	**0.5**	**8.0**	**0.014**	**0.002**	**0.010**	**0.430**
STD DEV (GEOM *)						**4***	**4***	**8.6**	**4.4**	**0.009**	**0.008**	**0.022**	**0.099**
# SAMPLES (IN STATISTICS)						**6**	**7**	**10**	**12**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*COND25*	*TURB*	*ALKT*	*PH*
81 01 12 1210		.3	1	0.006	0.210	0.266	0.380	0.646	1.00	240.0	0.85	100.0	7.60
81 02 03 1330		.3	1	0.008	0.290	0.368	0.600	0.968	2.00	270.0	1.00	113.0	7.70
81 04 06 1505		.3	1	0.016	0.170	0.196	0.430	0.626	1.00	215.0	1.20	89.0	8.00
81 05 04 1300		.3	1	0.006	0.070	0.116	0.430	0.546	2.00	225.0	1.40	99.0	8.20
81 06 01 1400		.3	1	0.014	0.070	0.144	0.520	0.664	1.00	260.0	1.50	115.0	8.10
81 08 12 1350		.3	1	0.002	0.020	0.052	0.550	0.602	1.00	255.0	0.80	121.0	8.30
81 09 09 1350		.3	1	0.016	0.160	0.226	0.600	0.826	5.00	220.0	1.55	109.0	8.10
81 11 03 1320		.3	1	0.004	0.070	0.084	0.640	0.724	3.00	210.0	1.20	98.0	7.70
MAXIMUM				**0.016**	**0.290**	**0.368**	**0.640**	**0.968**	**5.00**	**270.0**	**1.55**	**121.0**	**8.30**
ARITH MEAN				**0.009**	**0.132**	**0.181**	**0.519**	**0.700**	**2.00**	**236.9**	**1.19**	**105.5**	**7.96**
GEOM MEAN				**0.007**	**0.102**	**0.154**	**0.511**	**0.690**	**1.67**	**235.9**	**1.16**	**105.0**	**7.96**
MINIMUM				**0.002**	**0.020**	**0.052**	**0.380**	**0.546**	**1.00**	**210.0**	**0.80**	**89.0**	**7.60**
STD DEV (GEOM *)				**0.006**	**0.091**	**0.104**	**0.096**	**0.137**	**1.41**	**22.7**	**0.29**	**10.7**	**0.26**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	PCB TOTAL NG/L
TEST-NAME:				*PHNOL*	*FEUT*	*COLAP*	*ASUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*P1PCBT*
81 01 12 1210		.3	1		0.250		0.008	0.001<	0.0005<	0.003<	0.0002<	0.011	20<W
81 02 03 1330		.3	1	1.000<	0.300		0.001<	0.001	0.016	0.003<	0.0002<	0.017	
81 02 18 1340		.3	1				0.004						
81 03 03 1405		.3	1				0.016	0.002<	0.004	0.003<	0.0003	0.011	
81 03 23 1250		.3	1				0.011						
81 04 06 1505		.3	1	1 <	0.200		0.008	0.002<	0.005	0.003<	0.0002	0.007	
81 04 27 1340		.3	1				0.007						
81 05 04 1300		.3	1	1.000	0.200		0.010	0.130	0.001 <	0.003<	0.0002<	0.007	
81 05 13 1300		.3	1				0.004						
81 06 01 1400		.3	1	1.000<	0.350		0.008	0.003	0.004	0.003<	0.0001	0.006	20<W
81 06 29 1320		.3	1				0.009						
81 07 07 1345		.3	1				0.001<	0.002<	0.007	0.003<	0.0002<	0.009	
81 07 16 1245		.3	1				0.015						
81 08 12 1350		.3	1		0.100		0.014	0.002<	0.008	0.003<	0.0002<	0.006	20<W
81 08 26 1230		.3	1				0.013						
81 09 09 1350		.3	1		0.250	50.000	0.015	0.002	0.006	0.003<	0.0001<	0.010	20<W
81 10 06 1420		.3	1				0.001<	0.002	0.004	0.008	0.0001<	0.012	20<W
81 10 16 1355		.3	1				0.011						
81 11 03 1320		.3	1		0.400		0.014	0.002<	0.002	0.003<	0.0002<	0.006	20<W
81 11 26 1255		.3	1				0.010						
81 12 14 1425		.3	1				0.010	0.002	0.003	0.003<	0.0001<	0.012	
MAXIMUM				**1.000**	**0.400**	**50.000**	**0.016**	**0.130**	**0.016**	**0.008**	**0.0003**	**0.017**	
ARITH MEAN				**1.000**	**0.256**	**50.000**	**0.010**	**0.023**	**0.005**	**0.008**	**0.0002**	**0.009**	
GEOM MEAN					**0.239**		**0.010**	**0.004**	**0.005**		**0.0002**	**0.009**	
MINIMUM				**1.000**	**0.100**	**50.000**	**0.004**	**0.001**	**0.002**	**0.008**	**0.0001**	**0.006**	
STD DEV (GEOM *)					**0.094**		**0.004**	**0.052**	**0.004**		**0.0001**	**0.003**	
# SAMPLES (IN STATISTICS)				1	8	1	18	6	10	1	3	12	

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **BRIDGE IN CANNIFTON**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-002-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0308750.0 4897325.0 4** REGION: **04** DISTANCE: **6.276**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*ASUT*
81 01 12 1135		.3	1	27011	6	14.000	0.0	17.0	
81 02 03 1315		.3	1	27024	6	10.900	0.1	14.0	0.008
81 02 18 1325		.3	1	25470	8	62.800			0.003
81 03 03 1345		.3	1	27037	3	216.000	1.5	11.0	0.016
81 03 23 1235		.3	1	25483	6	39.200			0.011
81 04 06 1455		.3	1	27050	6	46.600	9.0	10.0	0.008
81 04 27 1325		.3	1	25495	8	46.800			0.007
81 05 04 1245		.3	1	27063	6	29.500	14.0	10.0	0.008
81 05 13 1245		.3	1	25514		42.900			0.004
81 06 01 1345		.3	1	27076	6	34.300	19.0	11.0	0.005
81 06 29 1255		.3	1	25538		24.100			0.008
81 07 16 1230		.3	1	25551	6	10.800			0.015
81 08 26 1215		.3	1	25569	6	7.460			0.013
81 09 09 1340		.3	1	27115	6	63.900	18.0	8.0	0.014
81 10 06 1350		.3	1	27128	6	19.600	11.5	9.0	0.012
81 10 16 1335		.3	1	25594	6	16.000			0.010
81 11 03 1250		.3	1	27141	6	76.900	8.0	11.0	0.010
81 11 26 1235		.3	1	25607	6	34.800			0.010
81 12 14 1415		.3	1	27154	6	27.600	0.5	11.0	0.007
	MAXIMUM					**216.000**	**19.0**	**17.0**	**0.016**
	ARITH MEAN					**43.377**	**9.1**	**11.2**	**0.009**
	GEOM MEAN					**31.030**	**4.1**	**11.0**	**0.009**
	MINIMUM					**7.460**	**0.1**	**8.0**	**0.003**
	STD DEV (GEOM *)					**46.136**	**7.3**	**2.6**	**0.004**
	# SAMPLES (IN STATISTICS)					**19**	**9**	**10**	**18**

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **AT STOCO LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-003-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0317125.0 4925150.0 4** REGION: **04** DISTANCE: **43.773**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*ASUT*
81 01 12 1300		.3	1	27000	4	0.0	14.0	0.017
81 02 02 1430		.3	1	27013	4	1.0	26.0	0.010
81 02 18 1300		.3	1	25469	8			0.006
81 03 03 0920		.3	1	27026	3	3.0	17.0	0.022
81 03 23 1205		.3	1	25482	6			0.015
81 04 06 0930		.3	1	27039	6	7.0	12.0	0.010
81 04 27 1245		.3	1	25494	8			0.011
81 05 04 0842		.3	1	27052	6	14.0	10.0	0.008
81 05 13 1215		.3	1	25513				0.009
81 06 01 0925		.3	1	27066	6	18.0	8.0	0.005
81 06 29 1225		.3	1	25537				0.010
81 07 16 1205		.3	1	25550	6			0.014
81 08 26 1150		.3	1	25568	6			0.020
81 09 09 0849		.3	1	27104	6	18.5	7.0	0.018
81 10 06 0935		.3	1	27117	6	12.0	8.0	0.018
81 10 16 1305		.3	1	25593	6			0.016
81 11 03 0850		.3	1	27130	6	7.0	11.0	0.016
81 11 26 1205		.3	1	25606	6			0.015
	MAXIMUM					**18.5**	**26.0**	**0.022**
	ARITH MEAN					**10.1**	**12.6**	**0.013**
	GEOM MEAN					**7.3**	**11.6**	**0.012**
	MINIMUM					**1.0**	**7.0**	**0.005**
	STD DEV (GEOM *)					**6.6**	**6.0**	**0.005**
	# SAMPLES (IN STATISTICS)					**8**	**9**	**18**

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **STOCO BRIDGE HUNGERFORD TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-004-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0318925.0 4925175.0 4** REGION: **04** DISTANCE: **47.796**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*ASUT*
81 01 12 1315		.3	1	27001	4	0.0	14.0	0.021
81 02 02 1445		.3	1	27014	4	1.0	2.5	0.011
81 02 18 1255		.3	1	25468	8			0.006
81 03 03 0930		.3	1	27027	3	3.0	13.0	0.021
81 03 23 1200		.3	1	25481	6			0.014
81 04 06 0940		.3	1	27040	6	7.0	12.0	0.010
81 04 27 1240		.3	1	25493	8			0.008
81 05 04 0850		.3	1	27053	6	14.0	11.0	0.009
81 05 13 1210		.3	1	25512				0.008
81 06 01 0935		.3	1	27065	6	18.0	10.0	0.006
81 06 29 1220		.3	1	25536				0.010
81 07 16 1200		.3	1	25549	6			0.012
81 08 26 1145		.3	1	25567	6			0.020
81 09 09 0954		.3	1	27105	8	18.5	8.0	0.019
81 10 06 0940		.3	1	27118	6	12.0	9.0	0.018
81 10 16 1300		.3	1	25592	6			0.015
81 11 03 0854		.3	1	27131	6	7.0	10.0	0.016

(CONTD)

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **STOCO BRIDGE HUNGERFORD TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-004-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0318925.0 4925175.0 4** REGION: **04** DISTANCE: **47.796**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	ASUT
81 11 26 1200		3	1	25605	6			0.012
81 12 14 0930		3	1	27144	6	0.5	13.0	0.010
MAXIMUM						18.5	14.0	0.021
ARITH MEAN						9.0	10.2	0.013
GEOM MEAN						5.4	9.4	0.012
MINIMUM						0.5	2.5	0.006
STD DEV (GEOM *)						6.9	3.3	0.005
# SAMPLES (IN STATISTICS)						9	10	19

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **JAMESON STREET TWEED**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL101**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-006-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0316010.0 4927600.0 4** REGION: **04** DISTANCE: **50.210**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	ASUT
81 01 12 1400		.3	1	27004	4	1.0	15.0	0.015
81 02 02 1513		.3	1	27017	4	1.0	27.0	0.012
81 02 18 1230		.3	1	25465	8			0.008
81 03 03 1000		3	1	27030	3	1.0	13.0	0.027
81 03 23 1135		3	1	25478	6			0.016
81 04 06 1030		3	1	27043	6	8.0	11.0	0.014
81 04 27 1210		3	1	25490	8			0.012
81 05 04 0930		3	1	27056	6	13.0	9.0	0.012
81 05 13 1140		3	1	25509				0.008
81 06 01 1015		3	1	27069	6	17.0	11.0	0.008
81 06 29 1200		3	1	25533				0.017
81 07 16 1135		3	1	25546	6			0.028
81 08 26 1125		3	1	25565	6			0.033
81 09 09 0922		3	1	27108	3	17.0	7.0	0.024
81 10 06 1020		3	1	27121	6	10.0	7.0	0.023
81 10 16 1210		3	1	25589	6			0.022
81 11 03 0925		3	1	27134	3	7.0	11.0	0.022
81 11 26 1135		3	1	25602	6			0.014
81 12 14 1000		3	1	27147	6	0.0	13.0	0.010
MAXIMUM						17.0	27.0	0.033
ARITH MEAN						8.3	12.4	0.017
GEOM MEAN						5.0	11.5	0.016
MINIMUM						1.0	7.0	0.008
STD DEV (GEOM *)						6.5	5.7	0.007
# SAMPLES (IN STATISTICS)						9	10	19

B.O.W./ SITE: **CLARE RIVER**
SAMPLE POINT: **1ST.BRIDGE UPSTR.OF STOCO LAKE TWEED**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-007-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0319350.0 4927650.0 4** REGION: **04** DISTANCE: **52.785**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	PPUT	NNHTFR	RSP	COND25	TURB	ALKT
81 01 12 1340		.3	1	27002	4	0.0	16.0	0.034	0.080	1.00	290.0	1.40	132.0
81 02 02 1455		.3	1	27015	4	0.0	14.0	0.022	0.140	3.00	90.0	2.10	147.0
81 02 18 1250		.3	1	25467	8								
81 03 03 0940		.3	1	27028	3	1.0	13.0	0.008	0.040	2.00	165.0	1.90	67.0
81 03 23 1150		.3	1	25480	6								
81 04 06 1010		.3	1	27041	6	9.0	9.0	0.020	0.010	11.00	270.0	1.10	119.0
81 04 27 1230		.3	1	25492	8								
81 05 04 0905		.3	1	27054	6	15.0	10.0	0.020	0.040	2.00	280.0	2.00	133.0
81 05 13 1155		.3	1	25511									
81 06 01 0950		.3	1	27067	6	18.5	11.0	0.028	0.070	1.00	290.0	1.70	139.0
81 06 29 1215		.3	1	25535									
81 07 16 1150		.3	1	25548	6								
81 08 12 0945		.3	1	27093	7	22.5	5.0	0.022	0.040	1.00	280.0	1.50	143.0
81 10 06 0950		.3	1	27119	6	9.0	8.0	0.026	0.040	1.00	295.0	1.40	154.0
81 10 16 1240		.3	1	25591	6								
81 11 03 0910		.3	1	27132	6	7.0	9.0	0.024	0.020	1.00<	235.0	1.50	113.0
81 11 26 1150		.3	1	25604	6								
81 12 14 0945		.3	1	27145	6	1.0	10.0						
MAXIMUM						22.5	16.0	0.034	0.140	11.00	295.0	2.10	154.0
ARITH MEAN						10.4	10.5	0.023	0.053	2.75	243.9	1.62	127.4
GEOM MEAN						6.6	10.0	0.021	0.042	1.84	230.4	1.59	124.4
MINIMUM						1.0	5.0	0.008	0.010	1.00	90.0	1.10	67.0
STD DEV (GEOM *)						7.8	3.2	0.007	0.039	3.41	70.8	0.33	26.1
# SAMPLES (IN STATISTICS)						8	10	9	9	8	9	9	9

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOL	FEUT	ASUT	HGUT	CRUT	CUUT	PBUT	CDUT	ZNUT
TEST-NAME:				PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
81 01 12 1340		.3	1	7.50		0.350	0.001						
81 02 02 1455		.3	1	7.10	1.000<	0.400	0.001<	0.070<	0.001	0.010	0.006	0.004	0.220
81 02 18 1250		.3	1				0.001<						
81 03 03 0940		.3	1	7.90		0.300	0.001<		0.002<	0.032	0.003	0.0002<	0.022
81 03 23 1150		.3	1				0.001<						
81 04 06 1010		.3	1	7.70		0.050	0.001<		0.002<	0.001<	0.003<	0.0002<	0.008
81 04 27 1230		.3	1				0.001<						
81 05 04 0905		.3	1	8.20		0.250	0.001<		0.210	0.014	0.007	0.001	0.025
81 05 13 1155		.3	1				0.001<						
81 06 01 0950		.3	1	7.70		0.200	0.001<		0.003	0.002	0.003<	0.0002	0.004
81 06 29 1215		.3	1				0.001						
81 07 16 1150		.3	1				0.002						
81 08 12 0945		.3	1	7.70		0.300	0.003		0.002	0.014	0.003<	0.0003	0.013
81 10 06 0950		.3	1	7.60		0.600	0.001<		0.002	0.005	0.009	0.0001<	0.005
81 10 16 1240		.3	1				0.001<						
81 11 03 0910		.3	1	7.70		0.250	0.001<		0.002<	0.001	0.003<	0.0002<	0.009
81 11 26 1150		.3	1				0.001<						
81 12 14 0945		.3	1				0.001<			0.004	0.004	0.0001<	0.012
MAXIMUM				**8.20**		**0.600**	**0.003**		**0.210**	**0.032**	**0.009**	**0.004**	**0.220**
ARITH MEAN				**7.68**		**0.300**	**0.002**		**0.044**	**0.010**	**0.006**	**0.001**	**0.035**
GEOM MEAN				**7.67**		**0.256**	**0.002**		**0.005**	**0.008**	**0.005**	**0.000**	**0.014**
MINIMUM				**7.10**		**0.050**	**0.001**		**0.001**	**0.001**	**0.003**	**0.0002**	**0.004**
STD DEV (GEOM *)				**0.29**		**0.150**	**0.001**		**0.093**	**0.010**	**0.002**	**0.001**	**0.070**
# SAMPLES (IN STATISTICS)				**9**		**9**	**4**		**5**	**8**	**5**	**4**	**9**

B.O.W./ SITE: **SULPHIDE CREEK**
SAMPLE POINT: **UPSTREAM FROM STOCO LAKE HUNGERFORD TWP**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-008-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0318525.0 4929475.0 4** REGION: **04** DISTANCE: **52.785**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	ASUT
81 02 18 1235		.3	1	25466	8			0.001<
81 03 03 0950		.3	1	27029	3	2.0	12.0	0.001<
81 03 23 1145		.3	1	25479	6			0.001<
81 04 06 1020		.3	1	27042	6	9.0	9.0	0.001<
81 04 27 1220		.3	1	25491	8			0.001<
81 05 04 0915		.3	1	27055	6	12.0	8.0	0.001<
81 05 13 1145		.3	1	25510				0.001<
81 06 01 1000		.3	1	27068	6	17.0	13.0	0.001<
81 06 29 1205		.3	1	25534				0.001<
81 07 16 1145		.3	1	25547	6			0.001<
81 08 26 1135		.3	1	25566	6			0.001<
81 09 09 0913		.3	1	27107	3	16.0	7.0	0.001<
81 10 06 1005		.3	1	27120	6	9.0	8.0	0.001<
81 10 16 1225		.3	1	25590	6			0.001<
81 11 03 0916		.3	1	27133	3	7.0	10.0	0.001<
81 11 26 1145		.3	1	25603	6			0.001<
81 12 14 0950		.3	1	27146	4	0.5	13.0	0.001<
MAXIMUM						**17.0**	**13.0**	
ARITH MEAN						**9.1**	**10.0**	
GEOM MEAN						**6.1**	**9.8**	
MINIMUM						**0.5**	**7.0**	
STD DEV (GEOM *)						**5.9**	**2.4**	
# SAMPLES (IN STATISTICS)						**8**	**8**	

B.O.W./ SITE: **SKOOTAMOTTA RIVER**
SAMPLE POINT: **HIGHWAY 7 NEAR ACTINOLITE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-009-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0315050.0 4935300.0 4** REGION: **04** DISTANCE: **60.671**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	FWTEMP	DO	PPUT	NNHTFR	RSP	COND25	TURB
81 01 12 1420		.3	1	27005	6	2.830	1.0	13.0	0.012	0.120	1.00	81.0	1.30
81 02 03 0945		.3	1	27018	6	2.220	0.0	20.0	0.018	0.210	1.00		1.60
81 02 18 1200		.3	1	25464	8	19.200							
81 03 03 1000		.3	1	27031	3	49.800	1.0	13.0					
81 03 23 1115		.3	1	25477	6	10.400							
81 04 06 1115		.3	1	27044	6	13.500	8.0	9.0					
81 04 27 1140		.3	1	25489	8	9.390							
81 05 04 1015		.3	1	27057	6	6.390	13.0	9.2					
81 05 13 1135		.3	1	25508		15.200							
81 06 01 1030		.3	1	27070	6	7.740	18.0	8.0					
81 06 29 1550		.3	1	25532		5.060							
81 07 16 1125		.3	1	25545	6	1.660							
81 08 12 1040		.3	1	27096	6	1.880	22.0	7.0					
81 08 26 1115		.3	1	25564	6	0.730							
81 09 09 1020		.3	1	27109	3	13.000	17.0	7.0					
81 10 06 1045		.3	1	27122	6	5.100	10.0	9.0					
81 10 16 1200		.3	1	25588	6	3.560							
81 11 03 1008		.3	1	27135	3	22.200	7.0	11.0	0.020	0.029	1.00	230.0	1.60
81 11 26 1115		.3	1	25601	6	9.260							
81 12 14 1015		.3	1	27148	6	7.510	0.0	13.0					
MAXIMUM						**49.800**	**22.0**	**20.0**	**0.020**	**0.210**	**1.00**	**230.0**	**1.60**
ARITH MEAN						**10.331**	**10.8**	**10.8**	**0.017**	**0.117**	**1.00**	**155.5**	**1.50**
GEOM MEAN						**6.605**	**7.2**	**10.3**	**0.016**	**0.080**	**1.00**	**136.5**	**1.49**
MINIMUM						**0.730**	**1.0**	**7.0**	**0.012**	**0.020**	**1.00**	**81.0**	**1.30**
STD DEV (GEOM *)						**11.032**	**7.4**	**3.8**	**0.004**	**0.095**	**0.00**	**105.4**	**0.17**
# SAMPLES (IN STATISTICS)						**20**	**9**	**11**	**3**	**3**	**3**	**2**	**3**

(CONTD)

B.O.W./ SITE: **SKOOTAMOTTA RIVER**
SAMPLE POINT: **HIGHWAY 7 NEAR ACTINOLITE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-009-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0315050.0 4935300.0 4** REGION: **04** DISTANCE: **60.671**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*HGUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*
81 01 12 1420		.3	1	26.0	6.60		0.700	0.001<		0.001<	0.038	0.004	0.0002<
81 02 03 0945		.3	1	31.0	6.80	1.000<	0.900	0.001<	0.070<	0.001	0.160	0.013	0.0003
81 02 18 1200		.3	1					0.001<					
81 03 03 1000		.3	1					0.001<	0.040<	0.002<	0.019	0.003	0.0002<
81 03 23 1115		.3	1					0.001<					
81 04 06 1115		.3	1					0.001<		0.002<	0.002	0.003<	0.0002<
81 04 27 1140		.3	1					0.001<					
81 05 04 1015		.3	1					0.001<	0.050	0.280	0.002	0.003<	0.0002<
81 05 13 1135		.3	1					0.001<					
81 06 01 1030		.3	1					0.001<		0.001	0.0003	0.003<	0.0001<
81 06 29 1550		.3	1					0.001<					
81 07 16 1125		.3	1					0.001<					
81 08 12 1040		.3	1					0.001<	0.060<	0.001	0.026	0.003<	0.0002
81 08 26 1115		.3	1					0.001<					
81 09 09 1020		.3	1					0.001<	0.040	0.001	0.019	0.003	0.0001<
81 10 06 1045		.3	1					0.001<		0.001<	0.001	0.003<	0.0001<
81 10 16 1200		.3	1					0.001<					
81 11 03 1008		.3	1	112.0	7.60		0.350	0.001<		0.002<	0.013	0.007	0.0002
81 11 26 1115		.3	1					0.001<					
81 12 14 1015		.3	1					0.001<			0.003	0.003<	0.0001<
MAXIMUM				**112.0**	**7.60**		**0.900**		**0.050**	**0.280**	**0.160**	**0.013**	**0.0003**
ARITH MEAN				**56.3**	**7.00**		**0.650**		**0.045**	**0.057**	**0.025**	**0.006**	**0.0002**
GEOM MEAN				**44.9**	**6.99**		**0.604**		**0.045**	**0.003**	**0.007**	**0.005**	**0.0002**
MINIMUM				**26.0**	**6.60**		**0.350**		**0.040**	**0.001**	**0.0003**	**0.003**	**0.0002**
STD DEV (GEOM *)				**48.3**	**0.53**		**0.278**		**0.007**	**0.125**	**0.046**	**0.004**	**0.0001**
# SAMPLES (IN STATISTICS)				**3**	**3**		**3**		**2**	**5**	**11**	**5**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*ZNUT*
81 01 12 1420		.3	1	0.032
81 02 03 0945		.3	1	0.048
81 03 03 1000		.3	1	0.017
81 04 06 1115		.3	1	0.006
81 05 04 1015		.3	1	0.007
81 06 01 1030		.3	1	0.006
81 08 12 1040		.3	1	0.008
81 09 09 1020		.3	1	0.019
81 10 06 1045		.3	1	0.008
81 11 03 1008		.3	1	0.022
81 12 14 1015		.3	1	0.011
MAXIMUM				**0.048**
ARITH MEAN				**0.017**
GEOM MEAN				**0.013**
MINIMUM				**0.006**
STD DEV (GEOM *)				**0.013**
# SAMPLES (IN STATISTICS)				**11**

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **HIGHWAY 7 2 MILES EAST OF ACTINOLITE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-010-02**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0311750.0 4934275.0 4** REGION: **04** DISTANCE: **62.763**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*ASUT*
81 01 12 1440		.3	1	27006	4	1.760	1.0	17.0	0.001<
81 02 03 1000		.3	1	27019	4	1.560	0.0	17.0	0.001<
81 02 18 1200		.3	1	25463	8	11.500			0.001<
81 03 03 1045		.3	1	27032	3	19.800	0.5	15.0	0.001<
81 03 23 1110		.3	1	25476	6	6.840			0.001<
81 04 06 1130		.3	1	27045	6	9.240	8.0	12.0	0.001<
81 04 27 1130		.3	1	25488	8	6.120			0.001<
81 05 04 1025		.3	1	27058	6	4.770	13.0	11.0	0.001<
81 05 13 1115		.3	1	25507		9.070			0.001<
81 06 01 1050		.3	1	27071	6	5.060	18.0	12.0	0.001<
81 06 29 1140		.3	1	25531		2.850			0.001<
81 07 16 1115		.3	1	25544	6	1.160			0.001<
81 08 26 1105		.3	1	25563	6	1.480			0.001<
81 09 09 1031		.3	1	27110	6	8.100	16.0	8.0	0.001<
81 10 06 1055		.3	1	27123	6	3.630	10.0	9.0	0.001<
81 10 16 1135		.3	1	25587	6	1.660			0.001<
81 11 03 1020		.3	1	27136	6	11.300	7.0	10.0	0.001<
81 11 26 1105		.3	1	25600	6	6.950			0.001<
81 12 14 1050		.3	1	27149	6	6.310	0.5	12.0	0.001<
MAXIMUM						**19.800**	**18.0**	**17.0**	
ARITH MEAN						**6.272**	**8.2**	**12.3**	
GEOM MEAN						**4.715**	**4.3**	**11.9**	
MINIMUM						**1.160**	**0.5**	**8.0**	
STD DEV (GEOM *)						**4.665**	**6.7**	**3.1**	
# SAMPLES (IN STATISTICS)						**19**	**9**	**10**	

B.O.W./ SITE: **MOIRA LAKE**
SAMPLE POINT: **COUNTY BRIDGE 1 MILE SOUTH OF MADOC**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-011-01**
STORET CODE: **02 004 1090**

LAT: LONG: U T M: **18 0303700.0 4927750.0 4** REGION: **04** DISTANCE: **71.453**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	RSP RESIDUE PARTIC. MG/L
81 01 12 1000		.3	1	27010	4	4<	4<	0.0	20.0	0.5	0.036	0.050	
81 02 03 1150		.3	1	27023	4	4<	4<	0.0	1.9	0.6	0.040	0.080	
81 02 18 1030		.3	1	25459	8								
81 03 03 1315		.3	1	27036	3			1.0	12.0	1.7	0.018	0.050	
81 03 23 0955		.3	1	25472	6								
81 04 06 1345		.3	1	27049	6	4<	4<	8.0	9.0	1.0<	0.024	0.020	2.00
81 04 27 1000		.3	1	25497	8								
81 05 04 1150		.3	1	27062	6	4<	4<	15.0	11.0	0.6	0.018	0.030	
81 05 13 1000		.3	1	25503									
81 06 01 1305		.3	1	27075	6	4<	4<	19.5	8.0	1.0	0.018	0.080	
81 06 29 1025		.3	1	25527									
81 07 07 1250		.3	1	27088	5			27.0	8.0				
81 07 16 1005		.3	1	25540	6								
81 08 12 1300		.3	1	27101	5	4<	4<	23.5	6.0	2.0	0.034	0.190	
81 08 26 1000		.3	1	25559	6								
81 09 09 1130		.3	1	27114	6			18.5	7.0	1.1	0.032	0.130	
81 10 06 1245		.3	1	27127	6	4<	4	11.0	9.0				
81 10 16 1010		.3	1	25583	6								
81 11 03 1140		.3	1	27140	6	16	4<	8.0	9.0	0.6	0.020	0.010	
81 11 26 0955		.3	1	25596	6								
81 12 14 1340		.3	1	27153	6			1.0	13.0				
MAXIMUM						**16**	**4**	**27.0**	**20.0**	**2.0**	**0.040**	**0.190**	**2.00**
ARITH MEAN						**16**	**4**	**13.2**	**9.5**	**1.0**	**0.027**	**0.071**	**2.00**
GEOM MEAN								**8.7**	**8.4**	**0.9**	**0.025**	**0.051**	
MINIMUM						**16**	**4**	**1.0**	**1.9**	**0.5**	**0.018**	**0.010**	**2.00**
STD DEV (GEOM *)								**9.0**	**4.4**	**0.6**	**0.009**	**0.058**	
# SAMPLES (IN STATISTICS)						**1**	**1**	**10**	**12**	**8**	**9**	**9**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB
81 01 12 1000		.3	1	345.0	0.80	8.500	142.0	7.80			0.037		
81 02 03 1150		.3	1	315.0	1.10	8.000	151.0	7.50			0.034	0.004	0.010
81 02 18 1030		.3	1								0.063		
81 03 03 1315		.3	1	185.0	1.80	3.800	70.0	7.60				0.023	0.003<
81 03 23 0955		.3	1								0.037		
81 04 06 1345		.3	1	290.0	1.60	7.800	125.0	7.90			0.028	0.014	0.003<
81 04 27 1000		.3	1								0.038		
81 05 04 1150		.3	1	275.0	0.93	8.000	124.0	8.30	1.000		0.032		
81 05 13 1000		.3	1								0.036	0.002	0.003<
81 06 01 1305		.3	1	275.0	1.20	7.000	125.0	8.10	1.000<		0.045	0.002	0.003<
81 06 29 1025		.3	1								0.008		
81 07 07 1250		.3	1									0.018	0.003
81 07 16 1005		.3	1								0.098		
81 08 12 1300		.3	1	290.0	1.50	0.300<	139.0	8.10				0.004	0.003<
81 08 26 1000		.3	1								0.110		
81 09 09 1130		.3	1	310.0	1.20	7.500	149.0	7.90		54.000	0.120	0.006	0.003<
81 10 06 1245		.3	1								0.068	0.005	0.003<
81 10 16 1010		.3	1								0.058		
81 11 03 1140		.3	1	275.0	1.30	6.000	135.0	7.70			0.042	0.003	0.003<
81 11 26 0955		.3	1								0.028		
81 12 14 1340		.3	1								0.022	0.006	0.003<
MAXIMUM				**345.0**	**1.80**	**8.500**	**151.0**	**8.30**	**1.000**	**54.000**	**0.120**	**0.023**	**0.010**
ARITH MEAN				**284.4**	**1.27**	**7.075**	**128.9**	**7.88**	**1.000**	**54.000**	**0.050**	**0.008**	**0.006**
GEOM MEAN				**280.9**	**1.23**	**6.890**	**126.2**	**7.87**			**0.042**	**0.006**	**0.005**
MINIMUM				**185.0**	**0.80**	**3.800**	**70.0**	**7.50**	**1.000**	**54.000**	**0.008**	**0.002**	**0.003**
STD DEV (GEOM *)				**44.0**	**0.32**	**1.528**	**24.3**	**0.26**			**0.031**	**0.007**	**0.005**
# SAMPLES (IN STATISTICS)				**9**	**9**	**8**	**9**	**9**	**1**	**1**	**18**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZNUT ZINC UNF.TOT. MG/L AS ZN	P1PCBT PCB TOTAL NG/L
81 02 03 1150		.3	1	0.013	
81 03 03 1315		.3	1	0.009	
81 04 06 1345		.3	1	0.011	
81 05 13 1000		.3	1	0.008	
81 06 01 1305		.3	1	0.006	
81 07 07 1250		.3	1	0.011	
81 08 12 1300		.3	1	0.004	38
81 09 09 1130		.3	1	0.014	20<W
81 10 06 1245		.3	1	0.006	20<W
81 11 03 1140		.3	1	0.010	20<W
81 12 14 1340		.3	1	0.012	
MAXIMUM				**0.014**	
ARITH MEAN				**0.009**	
GEOM MEAN				**0.009**	
MINIMUM				**0.004**	
STD DEV (GEOM *)				**0.003**	
# SAMPLES (IN STATISTICS)				11	

B.O.W./ SITE: **MADOC CREEK**
SAMPLE POINT: **AT RAILWAY BRIDGE 1 MILE SOUTH OF MADOC**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-012-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0303200.0 4903525.0 4** REGION: **04** DISTANCE: **74.832**

TEST-NAME:	SAMPLE	FWSTRC	FWTEMP	DO	ASUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
81 02 18 1045		.3	1	25460	8			0.001<
81 03 23 1005		.3	1	25473	6			0.001<
81 04 06 1340		.3	1	27048	6	8.0	11.0	0.001<
81 04 27 1015		.3	1	25485	8			0.001<
81 05 04 1135		.3	1	27061	6	13.0	11.0	0.001<
81 05 13 1010		.3	1	25504				0.001<
81 06 01 1250		.3	1	27074	6	18.0	9.0	0.001<
81 06 29 1030		.3	1	25528				0.001<
81 07 16 1015		.3	1	25541	6			0.001<
81 08 26 1010		.3	1	25560	6			0.001
81 09 09 1247		.3	1	27113	6	15.0	7.0	0.001<
81 10 06 1230		.3	1	27126	6	10.0	8.0	0.001<
81 10 16 1025		.3	1	25584	6			0.001<
81 11 03 1130		.3	1	27139	6	6.0	11.0	0.001<
81 11 26 1005		.3	1	25597	6			0.001<
81 12 14 1320		.3	1	27152	6	0.5	13.0	0.001<
MAXIMUM						**18.0**	**13.0**	**0.001**
ARITH MEAN						**10.1**	**10.0**	**0.001**
GEOM MEAN						**7.0**	**9.8**	
MINIMUM						**0.5**	**7.0**	**0.001**
STD DEV (GEOM *)						**5.9**	**2.1**	
# SAMPLES (IN STATISTICS)						**7**	**7**	**1**

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **HIGHWAY 7 1 MILE SOUTH OF DELORO**
STATION TYPE: **RIVER FLOW GAUGE FED 02HL005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-013-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0291850.0 4930500.0 4** REGION: **04** DISTANCE: **92.696**

TEST-NAME:	SAMPLE	FWSTRC	FWFLOW	FWTEMP	DO	ASUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
81 01 12 1020		.3	1	27007	4	1.240	0.0	14.0	0.035
81 02 03 1100		.3	1	27020	4	0.850	0.0	1.7	0.032
81 02 18 1100		.3	1	25461	8	13.000			0.200
81 03 23 1020		.3	1	25474	6	3.300			0.031
81 04 06 1150		.3	1	27046	6	9.510	8.0	11.0	0.025
81 04 27 1035		.3	1	25486	8	4.400			0.032
81 05 04 1045		.3	1	27059	6	2.910	13.0	12.0	0.033
81 05 13 1025		.3	1	25505		5.820			0.020
81 06 01 1110		.3	1	27072	6	3.060	18.0	9.0	0.028
81 06 29 1045		.3	1	25529		1.830			0.008
81 07 16 1035		.3	1	25542	6	0.405			0.200
81 08 12 1200		.3	1	27098	6	0.366	22.0	8.0	0.750
81 08 26 1025		.3	1	25561	6	0.138			0.880
81 09 09 1050		.3	1	27111	3	6.700	16.0	8.0	0.100
81 10 06 1120		.3	1	27124	6	1.430	9.5	9.0	0.110
81 10 16 1040		.3	1	25585	6	1.290			0.075
81 11 03 1050		.3	1	27137	6	9.090	6.0	10.0	0.037
81 11 26 1020		.3	1	25598	6	3.350			0.032
81 12 14 1110		.3	1	27150	4	2.750	0.5	12.0	0.029
MAXIMUM						**13.000**	**22.0**	**14.0**	**0.880**
ARITH MEAN						**3.760**	**11.6**	**9.5**	**0.140**
GEOM MEAN						**2.220**	**8.1**	**8.5**	**0.058**
MINIMUM						**0.138**	**0.5**	**1.7**	**0.008**
STD DEV (GEOM *)						**3.565**	**7.0**	**3.4**	**0.245**
# SAMPLES (IN STATISTICS)						**19**	**8**	**10**	**19**

B.O.W./ SITE: **MOIRA RIVER**
SAMPLE POINT: **DOWNSTREAM FROM VILLAGE OF MALONE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **MOIRA RIVER**

STATION ID: **17-0026-019-02**
STORET CODE: **02 004 1090**

LAT: LONG: U.T.M: **18 0293000.0 4936700.0 4** REGION: **04** DISTANCE: **100.742**

TEST-NAME:	SAMPLE	FWSTRC	FWTEMP	DO	ASUT

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
81 02 18 1130		.3	1	25462	8			0.001<
81 03 23 1035		.3	1	25475	6			0.001<
81 04 06 1215		.3	1	27047	3	7.0	13.0	0.001<
81 04 27 1055		.3	1	25487	8			0.001<
81 05 04 1100		.3	1	27060	6	13.0	10.0	0.001<
81 05 13 1040		.3	1	25506				0.001<
81 06 01 1130		.3	1	27073	6	17.0	10.0	0.001<
81 06 29 1105		.3	1	25530				0.001<
81 07 16 1050		.3	1	25543	6			0.001<
81 08 12 1220		.3	1	27099	8	22.5	6.0	0.001
81 08 26 1040		.3	1	25562	6			0.001<
81 09 09 1105		.3	1	27112	3	16.0	7.0	0.001<
81 10 06 1140		.3	1	27125	6	9.5	9.0	0.001<
81 10 16 1105		.3	1	25586	6			0.001<
81 11 03 1100		.3	1	27138	3	6.0	7.0	0.001<
81 11 26 1035		.3	1	25599	6			0.001<
81 12 14 1130		.3	1	27151	6	0.5	12.0	0.001<

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE / FWSTRC / FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS
MAXIMUM						22.5	13.0	0.001
ARITH MEAN						11.4	9.2	0.001
GEOM MEAN						7.9	9.0	
MINIMUM						0.5	6.0	0.001
STD DEV (GEOM *)						7.1	2.5	
# SAMPLES (IN STATISTICS)						8	8	1

B.O.W./ SITE: **SALMON RIVER**
SAMPLE POINT: **AT OLD HIGHWAY 2, SHANNONVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HM003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SALMON RIVER**

STATION ID: **17-0031-001-02**
STORET CODE: **02 004 1000**

LAT: LONG: U.T.M: **18 0321810.0 4895875.0 4** REGION: **04** DISTANCE: **2.897**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE / FWSTRC / FWFLOW STREAM FLOW M3/S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	RSP RESIDUE PARTIC. MG/L
81 01 13 1015		.3	1	27754	0 6	5.000			0.0	13.0	0.028	0.020	1.00
81 03 03 1150		.3	1	27764	0 3	58.000			0.5	4.0			
81 04 06 1045		.3	1	27769	6	14.200			3.0	14.0	0.018	0.010	2.00
81 05 04 1125		.3	1	27774	0 6	9.070			15.0	3.0	0.022	0.020	3.00
81 06 02 1045		.3	1	27779	6	11.800					0.022	0.030	3.00
81 08 13 1420		.3	1	27789	0 6	1.840			22.0		0.024	0.020	5.00
81 11 03 1140		.3	1	27799	3	22.400	12	4	7.5	15.0	0.018	0.010	
81 12 01 1010		.3	1	27804	3	12.200	8	8	0.0	5.0			
MAXIMUM						**58.000**	**12**	**8**	**22.0**	**15.0**	**0.028**	**0.030**	**5.00**
ARITH MEAN						**16.814**	**10**	**6**	**9.6**	**9.0**	**0.022**	**0.018**	**2.80**
GEOM MEAN						**11.046**	**10**	**6**	**5.2**	**7.4**	**0.022**	**0.017**	**2.46**
MINIMUM						**1.840**	**8**	**4**	**0.5**	**3.0**	**0.018**	**0.010**	**1.00**
STD DEV (GEOM *)						**17.746**	**1***	**2***	**8.9**	**5.5**	**0.004**	**0.008**	**1.48**
# SAMPLES (IN STATISTICS)						**8**	**2**	**2**	**5**	**6**	**6**	**6**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 01 13 1015		.3	1	240.0		106.0	8.10		0.100			
81 03 03 1150		.3	1					1.000<		0.005	0.009	0.003
81 04 06 1045		.3	1	230.0		103.0	8.00		0.200			
81 05 04 1125		.3	1	230.0		106.0	8.20	1.000	0.250	0.001	0.003<	0.001<
81 06 02 1045		.3	1	235.0		112.0	8.00		0.200			
81 08 13 1420		.3	1	235.0		109.0	7.90		0.250			
81 11 03 1140		.3	1	260.0	2.40	129.0	7.80			0.004	0.003<	0.001
81 12 01 1010		.3	1							0.001<	0.003<	0.001<
MAXIMUM				**260.0**	**2.40**	**129.0**	**8.20**	**1.000**	**0.250**	**0.005**	**0.009**	**0.003**
ARITH MEAN				**238.3**	**2.40**	**110.8**	**8.00**	**1.000**	**0.200**	**0.003**	**0.009**	**0.002**
GEOM MEAN				**238.1**		**110.5**	**8.00**		**0.190**	**0.003**		**0.002**
MINIMUM				**230.0**	**2.40**	**103.0**	**7.80**	**1.000**	**0.100**	**0.001**	**0.009**	**0.001**
STD DEV (GEOM *)				**11.3**		**9.4**	**0.14**		**0.061**	**0.002**		**0.001**
# SAMPLES (IN STATISTICS)				**6**	**1**	**6**	**6**	**1**	**5**	**3**	**1**	**2**

B.O.W./ SITE: **SALMON RIVER**
SAMPLE POINT: **AT BRIDGE IN MILLTOWN**
STATION TYPE: **RIVER FLOW GAUGE FED. 02HM003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SALMON RIVER**

STATION ID: **17-0031-002-02**
STORET CODE: **02 004 1000**

LAT: LONG: U.T.M: **18 0323450.0 4897050.0 4** REGION: **04** DISTANCE: **4.989**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TEST-NAME: SAMPLE / FWSTRC / FWFLOW STREAM FLOW M3/S	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 01 13 1005		.3	1	27753	0 6	5.000			0.0	10.0	0.010	235.0	0.80
81 02 03 1015		.3	1	27759	0 4	4.050			0.0	2.0	0.026		1.00
81 03 03 1130		.3	1	27763	0 3	58.000			0.0	7.0			
81 04 06 1030		.3	1	27768	6	14.200			3.0	11.0	0.076	255.0	6.00
81 05 04 1115		.3	1	27773	0 6	9.070			15.0	3.0	0.020	230.0	1.80
81 06 02 1030		.3	1	27778	6	11.800					0.022	230.0	1.70
81 08 13 1400		.3	1	27788	0 6	1.840			22.0		0.028	225.0	1.90
81 10 06 0910		.3	1	27793	0 3	11.400	30I	30I	10.5	12.0			
81 11 03 1130		.3	1	27798	3	22.400	12	12	7.5	15.0	0.014	260.0	1.40
81 12 01 1000		.3	1	27803	3	12.200	4	4<	0.0	5.0			
MAXIMUM						**58.000**	**30**	**30**	**22.0**	**15.0**	**0.076**	**260.0**	**6.00**
ARITH MEAN						**14.996**	**15**	**21**	**11.6**	**8.1**	**0.028**	**239.2**	**2.09**
GEOM MEAN						**10.023**	**11**	**19**	**9.5**	**6.7**	**0.023**	**238.8**	**1.69**
MINIMUM						**1.840**	**4**	**12**	**3.0**	**2.0**	**0.010**	**225.0**	**0.80**
STD DEV (GEOM *)						**16.206**	**3***	**2***	**7.3**	**4.6**	**0.022**	**14.6**	**1.77**
# SAMPLES (IN STATISTICS)						**10**	**3**	**2**	**5**	**8**	**7**	**6**	**7**

(CONTD)

B.O.W./ SITE: **SALMON RIVER**
SAMPLE POINT: **AT BRIDGE IN MILLTOWN**
STATION TYPE: **RIVER FLOW GAUGE FED. 02HM003**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **SALMON RIVER**

STATION ID: **17-0031-002-02**
STORET CODE: **02 004 1000**

LAT: LONG: U T M: **18 0323450.0 4897050.0 4** REGION: **04** DISTANCE: **4.989**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				ALKT	PH	PHNOL	FEUT	ASUT	CUUT	PBUT	ZNUT	NIUT
81 01 13 1005		.3	1	104.0	7.70		0.100					
81 02 03 1015		.3	1	119.0	7.80	1.000<	0.050	0.001<	0.005	0.003<	0.002	0.002<
81 03 03 1130		.3	1			1.000<		0.001<	0.026	0.003<	0.019	0.002<
81 04 06 1030		.3	1	106.0	7.80		0.900					
81 05 04 1115		.3	1	105.0	8.10	1.000<	0.150	0.001<	0.004	0.003<	0.001<	0.002<
81 06 02 1030		.3	1	102.0	7.80		0.150					
81 08 13 1400		.3	1	106.0	8.00		0.300					
81 10 06 0910		.3	1					0.001<	0.008	0.003<	0.001	0.001<
81 11 03 1130		.3	1	128.0	8.00		0.500	0.001<	0.003	0.003<	0.001	0.001<
81 12 01 1000		.3	1					0.001<	0.001<	0.003	0.001<	0.002<
MAXIMUM				**128.0**	**8.10**		**0.900**		**0.026**	**0.003**	**0.019**	
ARITH MEAN				**110.0**	**7.89**		**0.307**		**0.009**	**0.003**	**0.006**	
GEOM MEAN				**109.7**	**7.88**		**0.205**		**0.007**		**0.002**	
MINIMUM				**102.0**	**7.70**		**0.050**		**0.003**	**0.003**	**0.001**	
STD DEV (GEOM *)				**9.7**	**0.15**		**0.302**		**0.010**		**0.009**	
# SAMPLES (IN STATISTICS)				7	7		7		5	1	4	

B.O.W./ SITE: **NAPANEE RIVER**
SAMPLE POINT: **DOWNSTREAM FROM NAPANEE**
STATION TYPE: **RIVER FLOW GAUGE FED 02HM001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **NAPANEE RIVER**

STATION ID: **17-0035-001-02**
STORET CODE: **02 004 0870**

LAT: LONG: U T M: **18 0342300.0 4897625.0 4** REGION: **04** DISTANCE: **5.633**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
TEST-NAME:				SAMPLE	FWSTRC	FCMF	FSMF	FWTEMP	DO	PPUT	COND25	TURB	ALKT
81 01 13 1045		.3	1	27752	0 6			0.0	6.0	0.020	295.0	2.40	125.0
81 02 03 0900		.3	1	27757	0 4			0.0	1.0	0.052		2.10	123.0
81 03 03 1045		.3	1	27762	0 3			0.0	15.0				
81 04 06 0945		.3	1	27767	6			3.5	12.0	0.038	230.0	7.20	98.0
81 05 04 1040		.3	1	27772	0 5			15.0	3.0	0.096	290.0	4.00	123.0
81 06 02 0945		.3	1	27777	6					0.190	260.0	6.50	116.0
81 08 13 1300		.3	1	27787	0 6			23.0		0.148	225.0	1.60	94.0
81 10 06 1000		.3	1	27792	0 8	50I	10<	10.0	10.0	0.118	215.0	1.50	103.0
81 11 03 1300		.3	1	27797	8	480	36	8.0	22.0	0.058	255.0	1.30	123.0
81 12 01 1110		.3	1	27802	6	92	32	0.0	16.0				
MAXIMUM						**480**	**36**	**23.0**	**22.0**	**0.190**	**295.0**	**7.20**	**125.0**
ARITH MEAN						**207**	**34**	**11.9**	**10.6**	**0.090**	**252.9**	**3.32**	**113.1**
GEOM MEAN						**130**	**34**	**9.9**	**7.6**	**0.072**	**251.2**	**2.71**	**112.5**
MINIMUM						**50**	**32**	**3.5**	**1.0**	**0.020**	**215.0**	**1.30**	**94.0**
STD DEV (GEOM *)						**3***	**1***	**7.5**	**7.1**	**0.059**	**31.5**	**2.34**	**12.8**
# SAMPLES (IN STATISTICS)						**3**	**2**	**5**	**8**	**8**	**7**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				PH	PHNOL	FEUT	ASUT	CUUT	PBUT	ZNUT	NIUT
81 01 13 1045		.3	1	7.70		0.400					
81 02 03 0900		.3	1	7.30	1.000<	0.450	0.001<	0.006	0.003<	0.005	0.002<
81 03 03 1045		.3	1		1.000<		0.001<	0.020	0.005	0.004	0.002<
81 04 06 0945		.3	1	8.10		0.350					
81 05 04 1040		.3	1	7.70	1.000	0.400	0.001<	0.004	0.003<	0.001<	0.002<
81 06 02 0945		.3	1	7.40		0.600					
81 08 13 1300		.3	1	7.70		0.200					
81 10 06 1000		.3	1	7.60		0.850	0.001<	0.003	0.003<	0.003	0.001<
81 11 03 1300		.3	1	8.00		0.350	0.001<	0.003	0.004	0.003	0.001<
81 12 01 1110		.3	1				0.001<	0.002	0.003	0.003	0.002<
MAXIMUM				**8.10**	**1.000**	**0.850**		**0.020**	**0.005**	**0.005**	
ARITH MEAN				**7.69**	**1.000**	**0.450**		**0.006**	**0.004**	**0.004**	
GEOM MEAN				**7.68**		**0.416**		**0.005**	**0.004**	**0.004**	
MINIMUM				**7.30**	**1.000**	**0.200**		**0.002**	**0.003**	**0.003**	
STD DEV (GEOM *)				**0.27**		**0.196**		**0.007**	**0.001**	**0.001**	
# SAMPLES (IN STATISTICS)				**8**	**1**	**8**		**6**	**3**	**5**	

B.O.W./ SITE: **NAPANEE RIVER**
SAMPLE POINT: **MINK BRIDGE UPSTREAM FROM HIGHWAY 401**
STATION TYPE: **RIVER FLOW GAUGE FED 02HM001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **NAPANEE RIVER**

STATION ID: **17-0035-002-02**
STORET CODE: **02 004 0870**

LAT: LONG: U T M: **18 0346110.0 4904300.0 4** REGION: **04** DISTANCE: **14.806**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR
81 01 13 0840		.3	1	27751	0 6			0.0	2.0	2.4	0.032	0.002<	0.010<
81 02 03 0845		3	1	27756	0 4	260	200	0.0	1.0	3.3	0.040	0.022	0.010
81 03 03 0955		.3	1	27761	0 3			0.5	2.0	1.0<	0.022	0.002	0.020
81 04 06 0835		.3	1	27766	6	24	8	3.0	3.0	1.0<	0.032	0.004	0.010<
81 05 04 1010		.3	1	27771	0 6	116	36	13.5	6.0	1.2	0.020	0.004	0.020
81 06 02 0835		.3	1	27776	6	200	12				0.030	0.006	0.040
81 07 06 0900		.3	1	27781	6			23.0	4.5				
81 08 13 1115		.3	1	27786	0 6	364	560	23.0		0.5	0.036	0.014	0.050
81 10 06 0820		.3	1	27791	0 3	40I	10I	9.5	11.0	0.9	0.028	0.006	0.030

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE	FWSTRC	FCMF	FSMF	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR
81 11 03 1012		.3	1	27796	3	180	24	7.0	14.0	0.5	0.032	0.008	0.020
81 12 01 0925		.3	1	27801	3	60	20	0.0	18.0				
MAXIMUM						364	560	23.0	18.0	3.3	0.040	0.022	0.050
ARITH MEAN						155	109	11.4	6.8	1.5	0.030	0.008	0.027
GEOM MEAN						111	34	6.9	4.6	1.1	0.030	0.006	0.024
MINIMUM						24	8	0.5	1.0	0.5	0.020	0.002	0.010
STD DEV (GEOM *)						3*	5*	9.0	6.1	1.1	0.006	0.007	0.014
# SAMPLES (IN STATISTICS)						8	8	7	9	6	9	8	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
				NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RSP	COND25	TURB	CLIDUR
81 01 13 0840		.3	1	0.730	0.006	0.130	0.146	0.720	0.866	2.00	290.0	2.50	6.500
81 02 03 0845		.3	1	0.900	0.012	0.150	0.172	0.890	1.062	6.00	285.0	2.40	9.000
81 03 03 0955		.3	1	0.730	0.006	1.210	1.236	0.710	1.946	6.00	205.0	5.50	5.000
81 04 06 0835		.3	1	0.630	0.006	0.070	0.086	0.620	0.706	4.00	240.0	3.00	6.500
81 05 04 1010		.3	1	0.790	0.008	0.030	0.058	0.770	0.828	2.00	270.0	2.10	8.000
81 06 02 0835		.3	1	0.780	0.012	0.090	0.142	0.740	0.882	2.00	225.0	2.50	5.800
81 08 13 1115		.3	1	0.640	0.004	0.020<	0.074	0.590	0.664	3.00	190.0	0.40	4.800
81 10 06 0820		.3	1	0.660	0.006	0.020<	0.056	0.630	0.686	2.00	200.0	0.90	5.000
81 11 03 1012		.3	1	0.660	0.006	0.060	0.086	0.640	0.726	2.00	240.0	1.90	4.000
MAXIMUM				**0.900**	**0.012**	**1.210**	**1.236**	**0.890**	**1.946**	**6.00**	**290.0**	**5.50**	**9.000**
ARITH MEAN				**0.724**	**0.007**	**0.249**	**0.275**	**0.727**	**1.002**	**3.22**	**238.3**	**2.36**	**6.067**
GEOM MEAN				**0.720**	**0.007**	**0.115**	**0.152**	**0.723**	**0.944**	**2.88**	**235.8**	**1.92**	**5.885**
MINIMUM				**0.630**	**0.004**	**0.030**	**0.058**	**0.620**	**0.706**	**2.00**	**190.0**	**0.40**	**4.000**
STD DEV (GEOM *)				**0.088**	**0.003**	**0.426**	**0.426**	**0.089**	**0.432**	**1.72**	**37.0**	**1.44**	**1.618**
# SAMPLES (IN STATISTICS)				**9**	**9**	**7**	**7**	**7**	**7**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
				ALKT	PH	PHNOL	FEUT	ASUT	CUUT	PBUT	ZNUT	NIUT
81 01 13 0840		.3	1	124.0	7.60		0.400					
81 02 03 0845		.3	1	122.0	7.40	1.000<	0.400	0.001<	0.005	0.003<	0.004	0.002
81 03 03 0955		.3	1	84.0	7.90	1.000<	0.350	0.001<	0.021	0.005	0.005	0.002<
81 04 06 0835		.3	1	106.0	8.00		0.200					
81 05 04 1010		.3	1	123.0	8.00	1.000	0.250	0.001<	0.003	0.003<	0.001	0.002<
81 06 02 0835		.3	1	102.0	7.90		0.350	0.001<	0.001	0.003	0.004	0.002<
81 07 06 0900		.3	1					0.001<	0.001	0.004	0.004	0.002<
81 08 13 1115		.3	1	85.0	7.70		0.300	0.001<	0.002	0.003<	0.001<	0.001
81 10 06 0820		.3	1	99.0	7.70		0.700	0.001<	0.003	0.003<	0.003	0.001<
81 11 03 1012		.3	1	117.0	7.60		0.400	0.001<	0.003	0.003<	0.004	0.001<
81 12 01 0925		.3	1					0.001<	0.001<	0.013	0.001<	0.002<
MAXIMUM				**124.0**	**8.00**	**1.000**	**0.700**		**0.021**	**0.013**	**0.005**	**0.002**
ARITH MEAN				**106.9**	**7.76**	**1.000**	**0.372**		**0.005**	**0.006**	**0.004**	**0.001**
GEOM MEAN				**105.8**	**7.75**		**0.352**		**0.003**	**0.005**	**0.003**	**0.001**
MINIMUM				**84.0**	**7.40**	**1.000**	**0.200**		**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)				**15.7**	**0.21**		**0.142**		**0.007**	**0.005**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)				**9**	**9**	**1**	**9**		**8**	**4**	**7**	**2**

B.O.W. / SITE: **NAPANEE RIVER**
SAMPLE POINT: **AT BRIDGE IN TOWN OF NEWBURGH**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **LAKE ONTARIO**
TERM STREAM: **NAPANEE RIVER**

STATION ID: **17-0035-004-02**
STORET CODE: **02 004 0870**

LAT: LONG: U T M: **18 0350450.0 4909300.0 4** REGION: **04** DISTANCE: **22.530**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
				SAMPLE	FWSTRC	FCMF	FSMF	FWTEMP	DO	PPUT	COND25	TURB	ALKT
81 01 13 0830		.3	1	27750	0 6			0.0	4.0	0.064	245.0	1.10	118.0
81 02 03 0830		.3	1	27755	0 4			0.0	2.0	0.034		2.10	123.0
81 03 03 0945		.3	1	27760	3			0.0	5.0				
81 04 06 0820		.3	1	27765	6			.3.0	7.0	0.016	230.0	1.80	104.0
81 05 04 1000		.3	1	27770	0 6			15.0	2.0	0.026	250.0	1.70	113.0
81 06 02 0820		.3	1	27775	6					0.046	190.0	1.60	91.0
81 07 06 0930		.3	1	27780	9 6			23.0	6.6				
81 08 13 1100		.3	1	27785	0 6			23.0		0.026	185.0	1.20	83.0
81 10 06 0810		.3	1	27790	0 3	10<	10<	9.5	13.0	0.038	195.0	0.47	94.0
81 11 03 1000		.3	1	27795	3	8	8	7.0	16.0	0.032	225.0	1.50	112.0
81 12 01 0915		.3	1	27800	3	12	8	0.0	18.0				
MAXIMUM						**12**	**8**	**23.0**	**18.0**	**0.064**	**250.0**	**2.10**	**123.0**
ARITH MEAN						**10**	**8**	**13.4**	**8.2**	**0.035**	**217.1**	**1.43**	**104.7**
GEOM MEAN						**10**	**8**	**10.8**	**6.2**	**0.033**	**215.7**	**1.33**	**103.9**
MINIMUM						**8**	**8**	**3.0**	**2.0**	**0.016**	**185.0**	**0.47**	**83.0**
STD DEV (GEOM *)						**1***	**1***	**8.4**	**6.0**	**0.015**	**26.9**	**0.50**	**14.2**
# SAMPLES (IN STATISTICS)						**2**	**2**	**6**	**9**	**8**	**7**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
				PH	PHNOL	FEUT	ASUT	CUUT	PBUT	ZNUT	NIUT
81 01 13 0830		.3	1	7.60		0.450					
81 02 03 0830		.3	1	7.90	1.000<	0.600	0.001<	0.006	0.030	0.020	0.002
81 03 03 0945		.3	1		1.000<		0.001<	0.022	0.003<	0.008	0.002<
81 04 06 0820		.3	1	8.10		0.200					
81 05 04 1000		.3	1	8.00	1.000<	0.400	0.001<	0.003	0.003<	0.001<	0.002<
81 06 02 0820		.3	1	7.90		0.450	0.001<	0.001<	0.003<	0.001	0.002<
81 07 06 0930		.3	1				0.001<	0.001<	0.004	0.001<	0.002<
81 08 13 1100		.3	1	8.00		0.300	0.001<	0.024	0.005	0.018	0.032
81 10 06 0810		.3	1	7.70		0.500	0.001<	0.003	0.004	0.003	0.001<
81 11 03 1000		.3	1	7.90		0.400	0.001<	0.003	0.003	0.100	0.001<
81 12 01 0915		.3	1				0.001<	0.011	0.003	0.002	0.002<
MAXIMUM				**8.10**		**0.600**		**0.024**	**0.030**	**0.100**	**0.032**
ARITH MEAN				**7.89**		**0.412**		**0.010**	**0.008**	**0.022**	**0.017**
GEOM MEAN				**7.89**		**0.394**		**0.007**	**0.005**	**0.008**	**0.008**
MINIMUM				**7.60**		**0.200**		**0.003**	**0.003**	**0.001**	**0.002**
STD DEV (GEOM *)				**0.16**		**0.122**		**0.009**	**0.011**	**0.035**	**0.021**
# SAMPLES (IN STATISTICS)				**8**		**8**		**7**	**6**	**7**	**2**

B.O.W./ SITE: **OTTAWA RIVER**
SAMPLE POINT: **CHANNEL 1 AND 2 HAWKESBURY**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-051-82**
STORET CODE: **02 006**

LAT: LONG: U T M: **18 0530775.0 5050925.0 4** REGION: **04** DISTANCE: **109.432**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 04 23 1150		.3	1	25300	6.0	15.0							
81 05 26 1040		.3	1	25302									
81 06 24 1040		.3	1	25304	20.0	8.6			0.028	0.080		0.018	0.200
81 07 22 1255		.3	1	25306	26.0	8.2							
81 09 08 1040		.3	1	25307			0.6		0.148	0.110	0.360	0.014	0.120
81 10 28 1245		.3	1	25310	9.0	9.2	1.6	0.162	0.040	0.050	0.770	0.034	0.330
	MAXIMUM				**26.0**	**15.0**	**1.6**	**0.162**	**0.148**	**0.110**	**0.770**	**0.034**	**0.330**
	ARITH MEAN				**15.2**	**10.2**	**1.1**	**0.162**	**0.072**	**0.080**	**0.565**	**0.022**	**0.217**
	GEOM MEAN				**12.9**	**9.9**	**1.0**		**0.055**	**0.076**	**0.526**	**0.020**	**0.199**
	MINIMUM				**6.0**	**8.2**	**0.6**	**0.162**	**0.028**	**0.050**	**0.360**	**0.014**	**0.120**
	STD DEV (GEOM *)				**9.4**	**3.2**	**0.7**		**0.066**	**0.030**	**0.290**	**0.011**	**0.106**
	# SAMPLES (IN STATISTICS)				**4**	**4**	**2**	**1**	**3**	**3**	**2**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*
81 04 23 1150		.3	1										2.000
81 05 26 1040		.3	1										1.000
81 06 24 1040		.3	1	0.298			12.00	97.0	17.00	4.300	31.0	7.20	
81 07 22 1255		.3	1										1.000<
81 09 08 1040		.3	1	0.244	0.250	0.494	1.00<	92.0	2.60	2.500<	26.0	6.90	
81 10 28 1245		.3	1	0.414	0.720	1.134	45.00	190.0		10.000	78.0	7.70	1.000
	MAXIMUM			**0.414**	**0.720**	**1.134**	**45.00**	**190.0**	**17.00**	**10.000**	**78.0**	**7.70**	**2.000**
	ARITH MEAN			**0.356**	**0.720**	**1.134**	**28.50**	**126.3**	**9.80**	**7.150**	**45.0**	**7.27**	**1.333**
	GEOM MEAN			**0.351**			**23.24**	**119.2**	**6.65**	**6.557**	**39.8**	**7.26**	**1.260**
	MINIMUM			**0.298**	**0.720**	**1.134**	**12.00**	**92.0**	**2.60**	**4.300**	**26.0**	**6.90**	**1.000**
	STD DEV (GEOM *)			**0.082**			**23.33**	**55.2**	**10.18**	**4.031**	**28.7**	**0.40**	**0.577**
	# SAMPLES (IN STATISTICS)			**2**	**1**	**1**	**2**	**3**	**2**	**2**	**3**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 04 23 1150		.3	1			0.001<	0.007	0.051	0.023	0.002<
81 05 26 1040		.3	1				0.008	0.029	0.030	0.001
81 06 24 1040		.3	1	1.100		0.001<	0.008	0.010	0.013	0.002<
81 07 22 1255		.3	1			0.001<	0.008	0.003<	0.010	0.002
81 09 08 1040		.3	1	0.700	42.000	0.001<	0.004	0.004	0.006	0.002
81 10 28 1245		.3	1	0.750		0.001<	0.005	0.003<	0.013	0.002<
	MAXIMUM			**1.100**	**42.000**		**0.008**	**0.051**	**0.030**	**0.002**
	ARITH MEAN			**0.850**	**42.000**		**0.007**	**0.023**	**0.016**	**0.002**
	GEOM MEAN			**0.833**			**0.006**	**0.016**	**0.014**	**0.002**
	MINIMUM			**0.700**	**42.000**		**0.004**	**0.004**	**0.006**	**0.001**
	STD DEV (GEOM *)			**0.218**			**0.002**	**0.021**	**0.009**	**0.001**
	# SAMPLES (IN STATISTICS)			**3**	**1**		**6**	**4**	**6**	**3**

B.O.W./ SITE: **OTTAWA RIVER**
SAMPLE POINT: **PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL**
STATION TYPE: **RIVER COMPOSITE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-078-83**
STORET CODE: **02 006**

LAT: LONG: U T M: **18 0531225.0 5051500.0 4** REGION: **04** DISTANCE: **109.432**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 04 23 1140		.3	1	25301	6.0	15.0							
81 05 26 1050		.3	1	25303									
81 06 24 1100		.3	1	25305	20.0	9.2			0.016	0.160		0.010	0.170
81 09 08 1050		.3	1	25309			0.3	0.110	0.100	0.060	0.330	0.012	0.130
81 10 28 1255		.3	1	25311	9.0	8.8	7.6	0.086	0.010	0.600	2.650	0.026	0.230
	MAXIMUM				**20.0**	**15.0**	**7.6**	**0.110**	**0.100**	**0.600**	**2.650**	**0.026**	**0.230**
	ARITH MEAN				**11.7**	**11.0**	**3.9**	**0.098**	**0.042**	**0.273**	**1.490**	**0.016**	**0.177**
	GEOM MEAN				**10.3**	**10.7**	**1.5**	**0.097**	**0.025**	**0.179**	**0.935**	**0.015**	**0.172**
	MINIMUM				**6.0**	**8.8**	**0.3**	**0.086**	**0.010**	**0.060**	**0.330**	**0.010**	**0.130**
	STD DEV (GEOM *)				**7.4**	**3.5**	**5.2**	**0.017**	**0.050**	**0.287**	**1.640**	**0.009**	**0.050**
	# SAMPLES (IN STATISTICS)				**3**	**3**	**2**	**2**	**3**	**3**	**2**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
	TEST-NAME:			*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*
81 04 23 1140		.3	1										2.000
81 05 26 1050		.3	1										2.000
81 06 24 1100		.3	1	0.340			17.00	941.0	18.00	4.000	38.0	7.00	
81 09 08 1050		.3	1	0.202	0.270	0.472	1.00<	82.0	1.40	2.500<	22.0	7.00	1.000<
81 10 28 1255		.3	1	0.856	2.050	2.906	11.00	138.0	12.00	7.000	44.0	7.10	3.000
	MAXIMUM			**0.340**	**0.270**	**0.472**	**17.00**	**941.0**	**18.00**	**7.000**	**44.0**	**7.10**	**3.000**
	ARITH MEAN			**0.271**	**0.270**	**0.472**	**14.00**	**387.0**	**10.47**	**5.500**	**34.7**	**7.03**	**2.333**
	GEOM MEAN			**0.262**			**13.67**	**220.0**	**6.71**	**5.292**	**33.3**	**7.03**	**2.289**
	MINIMUM			**0.202**	**0.270**	**0.472**	**11.00**	**82.0**	**1.40**	**4.000**	**22.0**	**7.00**	**2.000**
	STD DEV (GEOM *)			**0.098**			**4.24**	**480.6**	**8.41**	**2.121**	**11.4**	**0.06**	**0.577**
	# SAMPLES (IN STATISTICS)			**2**	**1**	**1**	**2**	**3**	**3**	**2**	**3**	**3**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 04 23 1140		.3	1			0.001<	0.005	0.067	0.011	0.002<
81 05 26 1050		.3	1				0.013	0.050	0.020	0.002
81 06 24 1100		.3	1	1.400		0.001<	0.008	0.087	0.017	0.002<
81 09 08 1050		.3	1	0.400	39.000	0.001<	0.017	0.003<	0.010	0.004
81 10 28 1255		3	1	0.450		0.001<	0.003	0.003<	0.015	0.002<
MAXIMUM				**1.400**	**39.000**		**0.017**	**0.087**	**0.020**	**0.004**
ARITH MEAN				**0.750**	**39.000**		**0.009**	**0.068**	**0.015**	**0.003**
GEOM MEAN				**0.632**			**0.008**	**0.066**	**0.014**	**0.003**
MINIMUM				**0.400**	**39.000**		**0.003**	**0.050**	**0.010**	**0.002**
STD DEV (GEOM *)				**0.563**			**0.006**	**0.019**	**0.004**	**0.001**
# SAMPLES (IN STATISTICS)				3	1		5	3	5	2

B.O.W./ SITE: **OTTAWA RIVER**
SAMPLE POINT: **AT CHATS FALLS 900' FROM P/Q SHORE**
STATION TYPE: **RIVER FLOW GAUGE FED 02KF009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-170-02**
STORET CODE: **02 006**

LAT: LONG: U.T.M: **18 0402450.0 5036150.0 4** REGION: **04** DISTANCE: **263.281**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*
81 01 20 1510		.3	1	26410		835.000	0.0	10.0	0.070	92.0	2.00	29.0	7.10
81 02 10 1345		.3	1	26421		961.000	0.0	14.5					
81 03 08 1825		.3	1	26432		2120.00	3.0	13.0	0.006	110.0	2.40	37.0	7.20
81 05 03 1645		.3	1	26443		1640.00	11.5	11.5	0.014	94.0	2.20	29.0	7.10
81 06 02 1015		.3	1	26454		1650.00	17.0	10.0	0.016	92.0	2.20	29.0	7.30
81 07 07 1610		.3	1	26465		1210.00	23.5	11.5					
81 08 04 1620		.3	1	26476		580.000	27.0	8.5	0.018	72.0	1.70	22.0	7.50
81 09 01 1550		.3	1	26487		582.000	22.0	8.0	0.015		1.93	5.0	7.81
81 10 05 1330		.3	1	26498		738.000	12.0	9.5	0.024	90.0	1.50	33.0	7.50
81 11 03 1155		3	1	26509	9	1510.00	7.5	13.0	0.018	120.0	2.10	46.0	7.60
81 12 02 1140		3	1	26520		1040.00	3.0	13.0					
MAXIMUM						**2120.00**	**27.0**	**14.5**	**0.070**	**120.0**	**2.40**	**46.0**	**7.81**
ARITH MEAN						**1169.64**	**14.1**	**11.1**	**0.023**	**95.7**	**2.00**	**28.7**	**7.39**
GEOM MEAN						**1073.38**	**10.9**	**11.0**	**0.018**	**94.7**	**1.98**	**25.0**	**7.38**
MINIMUM						**580.000**	**3.0**	**8.0**	**0.006**	**72.0**	**1.50**	**5.0**	**7.10**
STD DEV (GEOM *)						**502.421**	**8.9**	**2.1**	**0.020**	**15.4**	**0.29**	**11.9**	**0.26**
# SAMPLES (IN STATISTICS)						11	9	11	8	7	8	8	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 20 1510		.3	1	1.000<	0.400					
81 02 10 1345		.3	1	1.000<		0.001<	0.009	0.003<	0.008	0.002<
81 03 08 1825		.3	1	1.000<	0.300	0.001<	0.010	0.003<	0.004	0.002<
81 05 03 1645		.3	1	1.000	0.300	0.001<	0.001<	0.003<	0.003	0.002<
81 06 02 1015		.3	1		0.150	0.001<	0.002	0.003<	0.002	0.002<
81 07 07 1610		.3	1			0.001<	0.001	0.003<	0.002	0.002<
81 08 04 1620		.3	1	1.000<	0.150	0.001<	0.003	0.003<	0.002	0.001
81 09 01 1550		.3	1	1.000	0.180	0.001<	0.003	0.003<	0.001	0.002<
81 10 05 1330		.3	1	1.000<	0.300	0.001<	0.002	0.003<	0.001	0.001<
81 11 03 1155		.3	1		0.350	0.001<	0.022	0.003<	0.008	0.001<
81 12 02 1140		.3	1			0.001<	0.062	0.003<	0.007	0.002
MAXIMUM				**1.000**	**0.400**		**0.062**		**0.008**	**0.002**
ARITH MEAN				**1.000**	**0.266**		**0.013**		**0.004**	**0.001**
GEOM MEAN				**1.000**	**0.250**		**0.005**		**0.003**	**0.001**
MINIMUM				**1.000**	**0.150**		**0.001**		**0.001**	**0.001**
STD DEV (GEOM *)				**0.000**	**0.095**		**0.020**		**0.003**	**0.001**
# SAMPLES (IN STATISTICS)				2	8		9		10	2

B.O.W / SITE: **OTTAWA RIVER**
SAMPLE POINT: **AT CHENAUX DAM 800' FROM P/Q SHORE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-240-02**
STORET CODE: **02 006**

LAT: LONG: U.T.M: **18 0369400.0 5049999.0 4** REGION: **04** DISTANCE: **303.514**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*
81 02 02 1200		.3	1	25428	4			1.0	17.0	0.038	350.0	1.30	55.0
81 03 02 1200		.3	1	25430	4			1.0	18.0				
81 04 06 1300		.3	1	25432	3			2.0	12.0	0.026	56.0	45.00	13.0
81 05 04 1300		.3	1	25434	8			8.0	13.0	0.020	52.0	2.50	11.5
81 06 01 1300		3	1	25436	6			13.0	13.0	0.014	54.0	2.00	12.5
81 07 06 1300		3	1	25438	6			25.0	12.0				
81 08 03 1200		3	1	25440	6			22.0	14.0	0.014	62.0	1.30	15.0
81 09 01 1300		3	1	25442	6	4<	4	21.0	10.0	0.024	66.0	0.75	16.0
81 10 05 1200		3	1	25444	6	8	4<	10.0	14.0	0.022	64.0	0.94	16.0
81 11 02 1300		3	1	25446	6	52	4	7.0	13.0	0.020	62.0	1.30	17.0
81 11 30 1300		3	1	25448	6	308	160	2.0	15.0				
MAXIMUM						**308**	**160**	**25.0**	**18.0**	**0.038**	**350.0**	**45.00**	**55.0**
ARITH MEAN						**123**	**56**	**10.2**	**13.7**	**0.022**	**95.7**	**6.89**	**19.5**
GEOM MEAN						**50**	**14**	**6.0**	**13.6**	**0.021**	**73.9**	**2.08**	**16.9**
MINIMUM						**8**	**4**	**1.0**	**10.0**	**0.014**	**52.0**	**0.75**	**11.5**
STD DEV (GEOM *)						**6***	**8***	**9.0**	**2.3**	**0.008**	**102.9**	**15.41**	**14.5**
# SAMPLES (IN STATISTICS)						3	3	11	11	8	8	8	8

(CONTD)

B.O.W./ SITE: **OTTAWA RIVER**
SAMPLE POINT: **AT CHENAUX DAM 800' FROM P/Q SHORE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-240-02**
STORET CODE: **02 006**

LAT: LONG: U T M: **18 0369400.0 5049999.0 4** REGION: **04** DISTANCE: **303.514**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			PH	PHNOL	FEUT	COLAP	ASUT	CUUT	PBUT	ZNUT	NIUT
81 02 02 1200		.3	1	7.40	6.000	0.050<						
81 03 02 1200		.3	1		1.000<			0.001<	0.005	0.003<	0.008	0.002<
81 04 06 1300		.3	1	6.90	1.000<	0.550		0.001<	0.018	0.072	0.035	1.700
81 05 04 1300		.3	1	6.70		0.400		0.001<	0.010	0.062	0.150	0.280
81 06 01 1300		.3	1	6.80		0.350		0.001<	0.006	0.020	0.046	0.040
81 07 06 1300		.3	1						0.005	0.010	0.005	
81 08 03 1200		.3	1	7.10		0.200		0.001<	0.004	0.012	0.009	0.008
81 09 01 1300		.3	1	7.20		0.300	39.000	0.001<	0.004	0.039	0.011	0.008
81 10 05 1200		.3	1	7.30	1.000<	0.250		0.001<	0.008	0.019	0.010	0.005
81 11 02 1300		.3	1	7.40	1.000	1.900		0.001<	0.006	0.008	0.004	0.002<
81 11 30 1300		.3	1		1.000<			0.001<	0.004	0.050	0.010	0.006
	MAXIMUM			**7.40**	**6.000**	**1.900**	**39.000**		**0.018**	**0.072**	**0.150**	**1.700**
	ARITH MEAN			**7.10**	**3.500**	**0.564**	**39.000**		**0.007**	**0.032**	**0.029**	**0.292**
	GEOM MEAN			**7.10**	**2.449**	**0.417**			**0.006**	**0.024**	**0.014**	**0.032**
	MINIMUM			**6.70**	**1.000**	**0.200**	**39.000**		**0.004**	**0.008**	**0.004**	**0.005**
	STD DEV (GEOM *)			**0.27**	**3.536**	**0.600**			**0.004**	**0.024**	**0.045**	**0.629**
	# SAMPLES (IN STATISTICS)			**8**	**2**	**7**	**1**		**10**	**9**	**10**	**7**

B.O.W./ SITE: **OTTAWA RIVER**
SAMPLE POINT: **AT OTTO HOLDEN DAM 1200' FROM P/Q SHORE**
STATION TYPE: **RIVER FLOW GAUGE FED 02JE012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**

STATION ID: **18-0000-360-02**
STORET CODE: **02 006**

LAT: LONG: U T M: **17 0674750.0 5138400.0 4** REGION: **05** DISTANCE: **548.610**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FWTEMP	DO	PPUT	PPO4FR
81 03 28 1320		.3	1	23012	6	754.000				3.0		0.013	0.001<
81 04 19 1800		.3	1	23033	6	1950.00	20A	70A	10<	5.0	13.00	0.016	
81 05 31 1320		.3		23056	6	1090.00				9.0	10.00	0.010	
81 06 18 1350		.3	1	23078	6	865.000	120	2250	10<	13.0	9.00	0.025	
81 07 16 0620		.3	1	23100	6	520.000				22.0	7.00		
81 08 17 2110		.3	1	23122		358.000	7700	3000	30A	21.0	6.00	0.145	
81 09 14 1420		.3	1	23143		484.000				19.0	9.00	0.013	0.004
1445		.3	1	23144		484.000	70000A	4700001	1900A	19.0	6.00	0.020	
81 10 04 1435		.3	1	23166	6	390.000	140A	3400	10<	14.0	6.00	0.018	
81 11 09 1420		.3	1	23188	6	726.000	100	620	10<	7.0	7.00	0.210	
81 12 07 1545		.3	1	23201	6	660.000	30A	130	10<	1.0	4.00	0.025	
	MAXIMUM					**1950.00**	**70000**	**4700001**	**1900**	**22.0**	**13.00**	**0.210**	**0.004**
	ARITH MEAN					**752.818**	**11159**	**672781**	**965**	**12.1**	**7.70**	**0.049**	**0.004**
	GEOM MEAN					**665.269**	**342**	**2499**	**239**	**8.9**	**7.33**	**0.027**	
	MINIMUM					**358.000**	**20**	**70**	**30**	**1.0**	**4.00**	**0.010**	**0.004**
	STD DEV (GEOM *)					**453.333**	**21***	**39***	**19***	**7.5**	**2.58**	**0.069**	
	# SAMPLES (IN STATISTICS)					**11**	**7**	**7**	**2**	**11**	**10**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L
	TEST-NAME:			NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF
81 03 28 1320		.3	1	0.150	0.450	0.004	0.191	0.345	0.300	0.645	43.0	3.0	40.000
81 04 19 1800		.3	1	0.096									
81 05 31 1320		.3		0.182									
81 06 18 1350		.3	1	0.080									
81 08 17 2110		.3	1	0.344									
81 09 14 1420		.3	1	0.022	0.33				0.308				
1445		.3	1	0.248									
81 10 04 1435		.3	1	0.188									
81 11 09 1420		.3	1	0.058									
81 12 07 1545		.3	1	0.192									
	MAXIMUM			**0.344**	**0.450**	**0.004**	**0.191**	**0.345**	**0.308**	**0.645**	**43.0**	**3.0**	**40.000**
	ARITH MEAN			**0.156**	**0.39**	**0.004**	**0.191**	**0.345**	**0.304**	**0.645**	**43.0**	**3.0**	**40.000**
	GEOM MEAN			**0.123**	**0.38**				**0.304**				
	MINIMUM			**0.022**	**0.33**	**0.004**	**0.191**	**0.345**	**0.300**	**0.645**	**43.0**	**3.0**	**40.000**
	STD DEV (GEOM *)			**0.096**	**0.08**				**0.006**				
	# SAMPLES (IN STATISTICS)			**10**	**2**	**1**	**1**	**1**	**2**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			COND25	TURB	CLIDUR	ALKT	PH	PHNOL	FEUT	CUUT	PBUT	ZNUT
81 03 28 1320		.3	1	62.0	3.30	1.500		6.57					
81 04 19 1800		.3	1	57	3.50		15	7.35	1<T		0.004	0.003<	0.007
81 05 31 1320		.3		52	3.70		16	7.28	1		0.180	0.005	0.006
81 06 18 1350		.3	1	62	3.10		17	7.19	1		0.130	0.003<	0.011
81 07 16 0620		.3	1						1<T		0.003	0.003<	0.006
81 08 17 2110		.3	1	66	1.88		15	6.95	1<T		0.002	0.003<	0.007
81 09 14 1420		.3	1	57	1.14	2.10	15	7.20	1	0.21	0.006	0.003<	0.017
1445		.3	1	67	1.20		18	6.99	1		0.210	0.003<	0.009
81 10 04 1435		.3	1	66	1.43		17	6.78	1<T		0.003	0.003<	0.004
81 11 09 1420		.3	1	65	3.40		18	7.13	1<T		0.001	0.003<	0.008
81 12 07 1545		.3	1	68	4.90		16	7.75	1<T		0.006	0.003<	0.011
	MAXIMUM			**68**	**4.90**	**2.10**	**18**	**7.75**	**1**	**0.21**	**0.210**	**0.005**	**0.017**
	ARITH MEAN			**62**	**2.75**	**1.80**	**16**	**7.12**	**1<A**	**0.21**	**0.054**	**0.005**	**0.009**
	GEOM MEAN			**62**	**2.46**	**1.77**	**16**	**7.11**	**1<A**		**0.010**		**0.008**
	MINIMUM			**52**	**1.14**	**1.500**	**15**	**6.57**	**1**	**0.21**	**0.001**	**0.005**	**0.004**
	STD DEV (GEOM *)			**5**	**1.27**	**0.42**	**1**	**0.33**	**0<A**		**0.084**		**0.004**
	# SAMPLES (IN STATISTICS)			**10**	**10**	**2**	**9**	**10**	**10**	**1**	**10**	**1**	**10**

B.O.W./ SITE: **KEMPTVILLE CREEK**
SAMPLE POINT: **HIGHWAY 43, KEMPTVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02LA006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-003-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0449450.0 4986950.0 4** REGION: **04** DISTANCE: **56.165**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*
81 01 13 0855		.3	1	28001	4 6	1.230			0.0	7.6	1.6	0.074	0.140
81 02 09 0855		.3	1	28012	4 6	1.070			0.0	7.0			
81 03 09 0825		.3	1	28023	6 3	8.400			0.5	11.6	1.0<	0.092	0.040
81 05 11 0825		.3	1	28034	6	2.480	4800	680	14.0	7.2	1.0	0.044	
81 06 03 0830		.3	1	28045	7 5	2.530	72	44	20.0	7.8	1.0	0.002	0.100
81 07 14 0835		.3	1	28056	6 7	1.500			23.0	7.3			
81 08 12 0835		.3	1	28067	6 7	4.310	4100	470	21.0	5.4	1.0	0.066	0.010<
81 09 14 0800		.3	1	28078	6 3	15.400	168	168	17.0	7.0		0.024	0.030
81 10 06 0820		.3	1	28089	6 3	6.900	44	24	9.0	8.8	0.7	0.034	0.020
81 11 04 0840		.3	1	28100	6 3	14.500	112	44	5.0	9.5	0.2	0.030	0.010
81 12 08 0855		.3	1	28111	4 6	4.930			0.0	12.0			
MAXIMUM						**15.400**	**4800**	**680**	**23.0**	**12.0**	**1.6**	**0.092**	**0.140**
ARITH MEAN						**5.750**	**1549**	**238**	**13.7**	**8.3**	**0.9**	**0.046**	**0.057**
GEOM MEAN						**3.925**	**325**	**116**	**9.2**	**8.1**	**0.8**	**0.031**	**0.039**
MINIMUM						**1.070**	**44**	**24**	**0.5**	**5.4**	**0.2**	**0.002**	**0.010**
STD DEV (GEOM *)						**5.121**	**8***	**4***	**8.1**	**2.0**	**0.5**	**0.030**	**0.052**
# SAMPLES (IN STATISTICS)						**11**	**6**	**6**	**8**	**11**	**6**	**8**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*CUUT*	*PBUT*	*ZNUT*
81 01 13 0855		.3	1	520.0	2.50	14.000	244.0	7.50				
81 02 09 0855		.3	1						1.000<	0.021	0.008	0.019
81 03 09 0825		.3	1	305.0	1.40	7.500	135.0	7.80		0.004	0.003<	0.003
81 05 11 0825		.3	1	380.0		11.000	195.0	7.80		0.005	0.008	0.008
81 06 03 0830		.3	1	360.0	2.00	8.500	192.0	7.90		0.002	0.003<	0.002
81 07 14 0835		.3	1							0.003	0.003<	0.003
81 08 12 0835		.3	1	360.0	3.00	11.000	179.0	7.80		0.004	0.003<	0.004
81 09 14 0800		.3	1	325.0	1.20	6.000	174.0	7.50		0.005	0.003<	0.011
81 10 06 0820		.3	1	375.0	0.80	8.000	195.0	7.70		0.120	0.004	0.140
81 11 04 0840		.3	1	350.0	1.80	6.000	181.0	7.70		0.087	0.003	0.110
81 12 08 0855		.3	1							0.001<	0.003<	0.001
MAXIMUM				**520.0**	**3.00**	**14.000**	**244.0**	**7.90**		**0.120**	**0.008**	**0.140**
ARITH MEAN				**371.9**	**1.81**	**9.000**	**186.9**	**7.71**		**0.028**	**0.006**	**0.030**
GEOM MEAN				**367.6**	**1.67**	**8.642**	**184.7**	**7.71**		**0.009**	**0.005**	**0.008**
MINIMUM				**305.0**	**0.80**	**6.000**	**135.0**	**7.50**		**0.002**	**0.003**	**0.001**
STD DEV (GEOM *)				**64.9**	**0.76**	**2.790**	**30.2**	**0.15**		**0.044**	**0.003**	**0.051**
# SAMPLES (IN STATISTICS)				**8**	**7**	**8**	**8**	**8**		**9**	**4**	**10**

B.O.W./ SITE: **TAY RIVER**
SAMPLE POINT: **1 MILE DOWNSTREAM FROM PERTH LAGOONS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-008-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0405400.0 4971550.0 4** REGION: **04** DISTANCE: **114.099**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*
81 01 14 0950		.3	1	28010	4 6			0.0	12.0	0.3	0.062	0.170	600.0
81 02 10 0930		.3	1	28021	4 6			0.0	10.8				
81 03 09 1500		.3	1	28032	3 6			0.5	12.1	1.0<	0.040	0.110	185.0
81 05 11 1410		.3	1	28043	6	28	24	13.0		1.0	0.086		195.0
81 06 03 1450		.3	1	28054	6 8	52	32	20.0	7.0	1.0	0.002	0.150	215.0
81 07 14 1620		.3	1	28065	7 6			24.0	8.6				
81 08 12 1530		.3	1	28076	7 6	12	20	23.0	8.4	1.0	0.058	0.060	175.0
81 09 14 1510		.3	1	28087	6 3	44	188	17.0	5.6		0.106	0.060	235.0
81 10 06 1535		.3	1	28098	6 3	16	92	9.0	7.6	0.9	0.050	0.100	200.0
81 11 04 1550		.3	1	28109	6 3	116	12	6.0	10.8	0.3	0.034	0.070	205.0
81 12 08 1600		3	1	28120	6 4			0.0	12.3				
MAXIMUM						**116**	**188**	**24.0**	**12.3**	**1.0**	**0.106**	**0.170**	**600.0**
ARITH MEAN						**45**	**61**	**14.1**	**9.5**	**0.7**	**0.055**	**0.103**	**251.2**
GEOM MEAN						**34**	**38**	**9.5**	**9.2**	**0.7**	**0.038**	**0.095**	**230.1**
MINIMUM						**12**	**12**	**0.5**	**5.6**	**0.3**	**0.002**	**0.060**	**175.0**
STD DEV (GEOM *)						**2***	**3***	**8.4**	**2.4**	**0.4**	**0.032**	**0.044**	**142.1**
# SAMPLES (IN STATISTICS)						**6**	**6**	**8**	**10**	**6**	**8**	**7**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*TURB*	*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*CUUT*	*PBUT*	*ZNUT*
81 01 14 0950		.3	1	1.20	5.000	75.0	7.30				
81 02 10 0930		.3	1					1.000<	0.005	0.003	0.051
81 03 09 1500		.3	1	2.00	6.500	68.0	7.80		0.002	0.003<	0.003
81 05 11 1410		.3	1		9.000	77.0	7.50		0.001<	0.003	0.005
81 06 03 1450		.3	1	2.20	9.800	87.0	7.50		0.001	0.003<	0.003
81 07 14 1620		.3	1						0.005	0.003<	0.003
81 08 12 1530		.3	1	2.00	6.000	63.0	7.60		0.003	0.003<	0.005
81 09 14 1510		.3	1	0.95	6.300	94.0	7.20		0.002	0.003	0.005
81 10 06 1535		.3	1	0.45	8.000	84.0	7.50		0.002	0.003<	0.001
81 11 04 1550		.3	1	1.30	6.000	88.0	7.90		0.004	0.003<	0.001<
81 12 08 1600		3	1						0.001<	0.003<	0.009
MAXIMUM				**2.20**	**9.800**	**94.0**	**7.90**		**0.005**	**0.003**	**0.051**
ARITH MEAN				**1.44**	**7.075**	**79.5**	**7.54**		**0.003**	**0.003**	**0.009**
GEOM MEAN				**1.29**	**6.911**	**78.9**	**7.53**		**0.003**	**0.003**	**0.005**
MINIMUM				**0.45**	**5.000**	**63.0**	**7.20**		**0.001**	**0.003**	**0.001**
STD DEV (GEOM *)				**0.65**	**1.671**	**10.6**	**0.23**		**0.002**	**0.000**	**0.016**
# SAMPLES (IN STATISTICS)				**7**	**8**	**8**	**8**		**8**	**3**	**9**

B.O.W./ SITE: **JOCK RIVER**
SAMPLE POINT: **AT QUEEN STREET RICHMOND**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-017-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0434550.0 5004100.0 4** REGION: **04** DISTANCE: **44.256**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
81 01 13 1555		.3	1	28008	4 6	0.0	9.2		0.060		520.0	2.00	
81 02 09 1510		.3	1	28019	4 6	0.0	7.4						
81 03 09 1250		.3	1	28030	3 6	0.5	12.0		0.016		345.0	1.20	
81 05 11 1145		.3	1	28041	6	12.0	8.4		0.048		355.0		
81 06 03 1225		.3	1	28052	8 6	20.0	8.3		0.028		360.0	1.30	
81 07 14 1445		.3	1	28063	8 6	24.0	7.6						
81 08 12 1405		.3	1	28074	8 6	23.0		1.0	0.044	0.040	380.0	2.00	9.500
81 09 14 1320		.3	1	28085	6 3	17.0	5.6		0.034		315.0	0.92	
81 10 06 1307		.3	1	28096	6 3	9.0	8.8		0.024		380.0	0.70	
81 11 04 1320		.3	1	28107	6 3	6.0	10.4		0.036		340.0	0.80	
81 12 08 1402		.3	1	28118	4 6	0.0	12.2						
MAXIMUM						**24.0**	**12.2**	**1.0**	**0.060**	**0.040**	**520.0**	**2.00**	**9.500**
ARITH MEAN						**13.9**	**9.0**	**1.0**	**0.036**	**0.040**	**374.4**	**1.27**	**9.500**
GEOM MEAN						**9.4**	**8.8**		**0.034**		**370.4**	**1.18**	
MINIMUM						**0.5**	**5.6**	**1.0**	**0.016**	**0.040**	**315.0**	**0.70**	**9.500**
STD DEV (GEOM *)						**8.5**	**2.1**		**0.014**		**62.6**	**0.54**	
# SAMPLES (IN STATISTICS)						**8**	**10**	**1**	**8**	**1**	**8**	**7**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 13 1555		.3	1	250.0	7.70		0.450					
81 02 09 1510		.3	1			1.000<		0.001<	0.059	0.003<	0.022	0.002<
81 03 09 1250		.3	1	149.0	7.90		0.350	0.001<	0.001<	0.003<	0.004	0.002<
81 05 11 1145		.3	1	175.0	8.00	1.000<	0.750	0.001<	0.001<	0.005	0.003	0.002<
81 06 03 1225		.3	1	185.0	7.90	1.000<	0.550	0.001<	0.002	0.003<	0.001<	0.002<
81 07 14 1445		.3	1			1.000<		0.001<	0.005	0.003<	0.010	0.002<
81 08 12 1405		.3	1	202.0	8.10	1.000<		0.001<	0.004	0.003<	0.001<	0.001<
81 09 14 1320		.3	1	167.0	7.50	1.000<	0.300	0.001<	0.003	0.003<	0.003	0.001
81 10 06 1307		.3	1	201.0	8.00	1.000<	0.100	0.001<	0.001	0.004	0.003	0.004
81 11 04 1320		.3	1	150.0	7.20	1.000<	0.200	0.001<	0.009	0.006	0.030	0.004
81 12 08 1402		.3	1					0.001<	0.001<	0.003<	0.022	0.002<
MAXIMUM				**250.0**	**8.10**		**0.750**		**0.059**	**0.006**	**0.030**	**0.004**
ARITH MEAN				**184.9**	**7.79**		**0.386**		**0.012**	**0.005**	**0.012**	**0.003**
GEOM MEAN				**182.4**	**7.78**		**0.326**		**0.005**	**0.005**	**0.008**	**0.003**
MINIMUM				**149.0**	**7.20**		**0.100**		**0.001**	**0.004**	**0.003**	**0.001**
STD DEV (GEOM *)				**33.2**	**0.30**		**0.219**		**0.021**	**0.001**	**0.011**	**0.002**
# SAMPLES (IN STATISTICS)				**8**	**8**		**7**		**7**	**3**	**8**	**3**

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **AT DAM IN KILMARNOCK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-026-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0426750.0 4970650.0 4** REGION: **04** DISTANCE: **88.190**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C
81 01 14 0855		.3	1	28009	6			0.0	11.7	0.4	0.066	0.160	265.0
81 02 09 1600		.3	1	28020	6			0.0	11.8				
81 03 09 1405		.3	1	28031	3 6			0.5	13.3	1.0<	0.022	0.050	215.0
81 05 11 1300		.3	1	28042	6	8	4<	14.0	9.2	1.3	0.062		275.0
81 06 03 1405		.3	1	28053	6 8	12	4<	20.0	9.3	2.0	0.082	0.180	260.0
81 07 14 1535		.3	1	28064	8 6			24.0	8.6				
81 08 12 1500		.3	1	28075	8 6	60	272	23.0	9.2	1.0	0.044	0.070	210.0
81 09 14 1425		.3	1	28086	6 3	40	56	17.0	7.8		0.038	0.040	240.0
81 10 06 1435		.3	1	28097	6 3	12	4	9.0	9.5	0.7	0.026	0.020	220.0
81 11 04 1435		.3	1	28108	6 3	840	12	6.0	10.7	0.3	0.030	0.020	250.0
81 12 08 1515		.3	1	28119	6			0.0	12.8				
MAXIMUM						**840**	**272**	**24.0**	**13.3**	**2.0**	**0.082**	**0.180**	**275.0**
ARITH MEAN						**162**	**86**	**14.2**	**10.4**	**0.9**	**0.046**	**0.077**	**241.9**
GEOM MEAN						**36**	**29**	**9.6**	**10.2**	**0.8**	**0.042**	**0.055**	**240.8**
MINIMUM						**8**	**4**	**0.5**	**7.8**	**0.3**	**0.022**	**0.020**	**210.0**
STD DEV (GEOM *)						**6***	**6***	**8.4**	**1.8**	**0.6**	**0.022**	**0.066**	**24.6**
# SAMPLES (IN STATISTICS)						**8**	**4**	**8**	**11**	**6**	**8**	**7**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
81 01 14 0855		.3	1	1.10	7.000	111.0	8.00				
81 02 09 1600		.3	1					1.000<	0.008	0.003<	0.006
81 03 09 1405		.3	1	2.20	6.000	83.0	7.90		0.005	0.003<	0.003
81 05 11 1300		.3	1		11.000	117.0	7.70		0.001<	0.004	0.006
81 06 03 1405		.3	1	3.60	1.000	118.0	7.90		0.001	0.003<	0.003
81 07 14 1535		.3	1						0.008	0.003<	0.002
81 08 12 1500		.3	1	1.50	6.300	88.0	8.40		0.002	0.003<	0.003
81 09 14 1425		.3	1	1.60	6.000	114.0	7.30		0.002	0.003<	0.003
81 10 06 1435		.3	1	0.58	7.000	110.0	7.90		0.002	0.003<	0.003
81 11 04 1435		.3	1	1.50	6.000	117.0	7.70		0.004	0.003<	0.001
81 12 08 1515		.3	1						0.002	0.003<	0.007
MAXIMUM				**3.60**	**11.000**	**118.0**	**8.40**		**0.008**	**0.004**	**0.007**
ARITH MEAN				**1.73**	**6.287**	**107.2**	**7.85**		**0.004**	**0.004**	**0.004**
GEOM MEAN				**1.51**	**5.410**	**106.4**	**7.84**		**0.003**		**0.003**
MINIMUM				**0.58**	**1.000**	**83.0**	**7.30**		**0.001**	**0.004**	**0.001**
STD DEV (GEOM *)				**0.96**	**2.711**	**13.8**	**0.31**		**0.003**		**0.002**
# SAMPLES (IN STATISTICS)				**7**	**8**	**8**	**8**		**9**	**1**	**10**

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **DNSTR.FROM CONFLUENCE WITH JOCK RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-028-02**
STORET CODE: **02 006 1710**

LAT: LONG: U.T.M: **18 0444600.0 5012175.0 4** REGION: **04** DISTANCE: **24.461**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*	*CLIDUR*
81 01 13 1305		.3	1	28004	4 6	0.0	13.3		0.046		377.0	2.20	
81 02 09 1115		.3	1	28013	4 6	0.0	12.6						
81 03 09 1030		.3	1	28026	6	0.5	12.2		0.030		280.0	2.40	
81 05 11 0935		.3	1	28037	6	13.0	9.4		0.044		355.0		
81 06 03 0900		.3	1	28048	5 8	20.0	9.3		0.060		360.0	3.50	
81 07 14 1120		.3	1	28059	8 6	24.0	7.9						
81 08 12 1045		.3	1	28070	6	23.0	8.4	1.0	0.066	0.120	285.0	2.00	11.000
81 09 14 1030		.3	1	28081	6 3	17.0	7.9		0.048		320.0	1.40	
81 10 06 1028		.3	1	28092	6 3	9.0	11.2		0.032		340.0	0.80	
81 11 04 1035		.3	1	28103	6 3	6.0	11.1		0.034		350.0	2.70	
81 12 08 1105		.3	1	28114	6 4	0.0	12.8						
MAXIMUM						**24.0**	**13.3**	**1.0**	**0.066**	**0.120**	**377.0**	**3.50**	**11.000**
ARITH MEAN						**14.1**	**10.6**	**1.0**	**0.045**	**0.120**	**333.4**	**2.14**	**11.000**
GEOM MEAN						**9.5**	**10.4**		**0.043**		**331.7**	**1.96**	
MINIMUM						**0.5**	**7.9**	**1.0**	**0.030**	**0.120**	**280.0**	**0.80**	**11.000**
STD DEV (GEOM *)						**8.4**	**2.0**		**0.013**		**35.4**	**0.88**	
# SAMPLES (IN STATISTICS)						8	11	1	8	1	8	7	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 13 1305		.3	1	164.0	7.60		0.200					
81 02 09 1115		.3	1			1.000<		0.001<	0.006	0.003<	0.035	0.004
81 03 09 1030		.3	1	115.0	7.80		0.200	0.001<	0.007	0.003<	0.008	0.002<
81 05 11 0935		.3	1	159.0	7.90	2.000	0.250	0.001<	0.003	0.006	0.004	0.002
81 06 03 0900		.3	1	168.0	8.00	1.000<	0.450	0.001<	0.002	0.003<	0.002	0.002<
81 07 14 1120		.3	1			1.000<		0.001<	0.002	0.003<	0.002	0.002<
81 08 12 1045		.3	1	133.0	8.00	1.000<		0.001<	0.005	0.003<	0.009	0.002
81 09 14 1030		.3	1	156.0	7.50	1.000<	0.400	0.001<	0.003	0.003<	0.016	0.002
81 10 06 1028		.3	1	163.0	8.00	1.000<	0.200	0.001<	0.003	0.005	0.013	0.006
81 11 04 1035		.3	1	171.0	7.60	1.000<	0.400	0.001<	0.007	0.006	0.014	0.006
81 12 08 1105		.3	1					0.001<	0.002	0.003	0.068	0.002<
MAXIMUM				**171.0**	**8.00**	**2.000**	**0.450**		**0.007**	**0.006**	**0.068**	**0.008**
ARITH MEAN				**153.6**	**7.80**	**2.000**	**0.300**		**0.004**	**0.005**	**0.017**	**0.004**
GEOM MEAN				**152.4**	**7.80**		**0.283**		**0.004**	**0.005**	**0.010**	**0.003**
MINIMUM				**115.0**	**7.50**	**2.000**	**0.200**		**0.002**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)				**19.5**	**0.21**		**0.112**		**0.002**	**0.001**	**0.020**	**0.002**
# SAMPLES (IN STATISTICS)				8	8	1	7		10	4	10	6

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **AT BRIDGE DOWNSTREAM OF KARS**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-029-02**
STORET CODE: **02 006 1710**

LAT: LONG: U.T.M: **18 0450150.0 5000900.0 4** REGION: **04** DISTANCE: **38.945**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*	*CLIDUR*
81 01 13 1025		.3	1	28002	4 6	0.0	11.2		0.042		315.0	1.30	
81 02 09 0955		.3	1	28015	4 6	0.0	11.8						
81 03 09 0915		.3	1	28024	6 3	0.5	12.9		0.030		250.0	1.50	
81 05 11 0845		.3	1	28035	6	13.0	9.2		0.044		340.0		
81 06 03 0900		.3	1	28046	5 8	20.0	10.9		0.002		320.0	1.80	
81 07 14 0935		.3	1	28057	6	24.0	7.6						
81 08 12 0915		.3	1	28068	6 8	22.0		1.0	0.040	0.100	255.0	1.50	7.800
81 09 14 0900		.3	1	28079	6 3	17.0	7.9		0.044		280.0	2.00	
81 10 06 0852		.3	1	28090	6 3	9.0	10.2		0.032		290.0	1.00	
81 11 04 0930		.3	1	28101	6 3	6.0	10.8		0.028		325.0	1.70	
81 12 08 0930		.3	1	28112	4 6	0.0	12.8						
MAXIMUM						**24.0**	**12.9**	**1.0**	**0.044**	**0.100**	**340.0**	**2.00**	**7.800**
ARITH MEAN						**13.9**	**10.5**	**1.0**	**0.033**	**0.100**	**296.9**	**1.54**	**7.800**
GEOM MEAN						**9.4**	**10.4**		**0.025**		**295.2**	**1.51**	
MINIMUM						**0.5**	**7.6**	**1.0**	**0.002**	**0.100**	**250.0**	**1.00**	**7.800**
STD DEV (GEOM *)						**8.3**	**1.8**		**0.014**		**33.4**	**0.33**	
# SAMPLES (IN STATISTICS)						8	10	1	8	1	8	7	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 13 1025		.3	1	132.0	7.80							
81 02 09 0955		.3	1			1.000<		0.001<	0.007	0.007	0.030	0.002
81 03 09 0915		.3	1	100.0	7.70		0.200	0.001<	0.007	0.003<	0.005	0.002<
81 05 11 0845		.3	1	156.0	8.00	1.000	0.250	0.001<	0.003	0.009	0.003	0.002
81 06 03 0900		.3	1	149.0	8.10	1.000<	0.250	0.001<	0.002	0.003<	0.005	0.003
81 07 14 0935		.3	1			1.000<		0.001<	0.001	0.003<	0.003	0.002<
81 08 12 0915		.3	1	129.0	8.10	1.000<		0.001<	0.004	0.003<	0.011	0.003
81 09 14 0900		.3	1	139.0	7.50	1.000<	0.400	0.001<	0.003	0.003<	0.012	0.005
81 10 06 0852		.3	1	141.0	8.00	1.000<	0.200	0.001<	0.017	0.006	0.005	0.002
81 11 04 0930		.3	1	163.0	7.70	1.000<	0.250	0.001<	0.009	0.005	0.007	0.002
81 12 08 0930		.3	1					0.001<	0.001<	0.003<	0.005	0.002
MAXIMUM				**163.0**	**8.10**	**1.000**	**0.400**		**0.017**	**0.009**	**0.030**	**0.005**
ARITH MEAN				**138.6**	**7.86**	**1.000**	**0.258**		**0.006**	**0.007**	**0.009**	**0.003**
GEOM MEAN				**137.3**	**7.86**		**0.251**		**0.004**	**0.007**	**0.007**	**0.002**
MINIMUM				**100.0**	**7.50**	**1.000**	**0.200**		**0.001**	**0.005**	**0.003**	**0.002**
STD DEV (GEOM *)				**19.4**	**0.22**		**0.074**		**0.005**	**0.002**	**0.008**	**0.001**
# SAMPLES (IN STATISTICS)				8	8	1	6		9	4	10	8

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **AT HOG'S BACK ROAD OTTAWA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-031-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0445400.0 5024150.0 4** REGION: **04** DISTANCE: **11.426**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*	*CLIDUR*
81 01 13 1330		.3	1	28005	6	0.0	15.2		0.058		332.0	1.50	
81 02 09 1155		.3	1	28016	6	0.0	12.5						
81 03 09 1100		.3	1	28027	6	0.5	13.8		0.012		265.0	2.60	
81 05 11 1000		.3	1	28038	6	13.0	9.4		0.032		375.0		
81 06 03 1055		.3	1	28049	6	20.0	9.4		0.056		385.0	4.80	
81 07 14 1215		.3	1	28060	6	24.0	8.2						
81 08 12 1105		.3	1	28071	6	23.0	7.6	1.0	0.070	0.090	295.0	2.00	12.000
81 09 14 1100		.3	1	28082	6 3	17.0	8.4		0.054		295.0	4.00	
81 10 06 1105		.3	1	28093	6 3	9.0	10.6		0.044		315.0	1.00	
81 11 04 1105		.3	1	28104	6 3	6.0	11.0		0.038		350.0	2.50	
81 12 08 1145		.3	1	28115	6	0.0	13.0						
MAXIMUM						**24.0**	**15.2**	**1.0**	**0.070**	**0.090**	**385.0**	**4.80**	**12.000**
ARITH MEAN						**14.1**	**10.8**	**1.0**	**0.045**	**0.090**	**326.5**	**2.63**	**12.000**
GEOM MEAN						**9.5**	**10.6**		**0.041**		**324.1**	**2.33**	
MINIMUM						**0.5**	**7.6**	**1.0**	**0.012**	**0.090**	**265.0**	**1.00**	**12.000**
STD DEV (GEOM *)						**8.4**	**2.5**		**0.018**		**41.8**	**1.35**	
# SAMPLES (IN STATISTICS)						**8**	**11**	**1**	**8**	**1**	**8**	**7**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 13 1330		.3	1	142.0	7.80		0.150					
81 02 09 1155		.3	1			1.000<		0.001<	0.008	0.003<	0.010	0.002<
81 03 09 1100		.3	1	107.0	7.90		0.250	0.001<	0.007	0.003<	0.004	0.002<
81 05 11 1000		.3	1	166.0	8.10	1.000	0.300	0.001<	0.004	0.008	0.004	0.002
81 06 03 1055		.3	1	179.0	8.00	1.000<	0.350	0.001<	0.002	0.003<	0.002	0.002<
81 07 14 1215		.3	1			1.000<		0.001<	0.003	0.003<	0.004	0.002<
81 08 12 1105		.3	1	135.0	7.90	1.000<		0.001<	0.006	0.003	0.043	0.003
81 09 14 1100		.3	1	146.0	7.40	1.000<	0.800	0.001<	0.004	0.004	0.013	0.003
81 10 06 1105		.3	1	152.0	8.00	1.000<	0.450	0.001<	0.001<	0.007	0.002	0.002
81 11 04 1105		.3	1	169.0	7.70	1.000<	0.350	0.001<	0.005	0.005	0.011	0.007
81 12 08 1145		.3	1					0.001<	0.001	0.003<	0.012	0.002<
MAXIMUM				**179.0**	**8.10**	**1.000**	**0.800**		**0.008**	**0.008**	**0.043**	**0.007**
ARITH MEAN				**149.5**	**7.85**	**1.000**	**0.379**		**0.004**	**0.005**	**0.010**	**0.003**
GEOM MEAN				**147.9**	**7.85**		**0.337**		**0.004**	**0.005**	**0.007**	**0.003**
MINIMUM				**107.0**	**7.40**	**1.000**	**0.150**		**0.001**	**0.003**	**0.002**	**0.002**
STD DEV (GEOM *)				**22.7**	**0.22**		**0.208**		**0.002**	**0.002**	**0.012**	**0.002**
# SAMPLES (IN STATISTICS)				**8**	**8**	**1**	**7**		**9**	**5**	**10**	**5**

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **ST. PATRICK STREET BRIDGE OTTAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02LA004**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-034-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0446900.0 5031525.0 4** REGION: **04** DISTANCE: **1.609**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*
81 01 13 1355		.3	1	28006	4 6	29.600	0.0	14.2		0.076		340.0	6.00
81 02 09 1230		.3	1	28017	4 6	15.100	0.0	12.8					
81 03 09 1130		.3	1	28028	6	91.100	0.5	14.2		0.026		290.0	2.60
81 05 11 1025		.3	1	28039	6	16.700	13.0	8.2		0.048		395.0	
81 06 03 1115		.3	1	28050	6	29.300	20.0	7.7		0.046		425.0	3.80
81 07 14 1315		.3	1	28061	6	19.000	24.0	8.7					
81 08 12 1135		.3	1	28072	6	19.000	23.0	8.3	2.0	0.086	0.050	360.0	2.00
81 09 14 1130		.3	1	28083	6 3	193.000	17.0	9.2		0.052		295.0	2.50
81 10 06 1126		.3	1	28094	6 3	64.000	9.0	11.6		0.032		320.0	0.80
81 11 04 1135		.3	1	28105	6 3	118.000	6.0	12.0		0.046		350.0	2.40
81 12 08 1230		.3	1	28116	6	33.000	0.0	13.8					
MAXIMUM						**193.000**	**24.0**	**14.2**	**2.0**	**0.086**	**0.050**	**425.0**	**6.00**
ARITH MEAN						**57.073**	**14.1**	**11.0**	**2.0**	**0.051**	**0.050**	**346.9**	**2.87**
GEOM MEAN						**39.306**	**9.5**	**10.7**		**0.048**		**344.2**	**2.48**
MINIMUM						**15.100**	**0.5**	**7.7**	**2.0**	**0.026**	**0.050**	**290.0**	**0.80**
STD DEV (GEOM *)						**56.383**	**8.4**	**2.6**		**0.020**		**46.7**	**1.64**
# SAMPLES (IN STATISTICS)						**11**	**8**	**11**	**1**	**8**	**1**	**8**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 13 1355		.3	1		144.0	7.90		0.300					
81 02 09 1230		.3	1				1.000<		0.001<	0.005	0.006	0.063	0.002<
81 03 09 1130		.3	1		108.0	7.80		0.250	0.001<	0.006	0.003<	0.004	0.002<
81 05 11 1025		.3	1		153.0	7.90	2.000	0.350	0.001<	0.001	0.011	0.011	0.002
81 06 03 1115		.3	1		180.0	7.90		0.250	0.001<	0.002	0.003<	0.003	0.002<
81 07 14 1315		.3	1						0.001<	0.008	0.003<	0.004	0.002<
81 08 12 1135		.3	1	15.000	136.0	8.00	1.000<		0.001<	0.003	0.003<	0.005	0.002
81 09 14 1130		.3	1		146.0	7.60		0.400	0.001<	0.004	0.003<	0.005	0.002
81 10 06 1126		.3	1		155.0	7.90		0.400	0.001<	0.001	0.006	0.002	0.002
81 11 04 1135		.3	1		170.0	7.80		0.450	0.001<	0.005	0.005	0.005	0.002
81 12 08 1230		.3	1						0.001<	0.001<	0.003<	0.002	0.002<
MAXIMUM				**15.000**	**180.0**	**8.00**	**2.000**	**0.450**		**0.008**	**0.011**	**0.063**	**0.002**
ARITH MEAN				**15.000**	**149.0**	**7.85**	**2.000**	**0.343**		**0.004**	**0.007**	**0.010**	**0.002**
GEOM MEAN					**147.5**	**7.85**		**0.335**		**0.003**	**0.007**	**0.005**	**0.002**
MINIMUM				**15.000**	**108.0**	**7.60**	**2.000**	**0.250**		**0.001**	**0.005**	**0.002**	**0.002**
STD DEV (GEOM *)					**21.8**	**0.12**		**0.079**		**0.002**	**0.003**	**0.019**	**0.000**
# SAMPLES (IN STATISTICS)				**1**	**8**	**8**	**1**	**7**		**9**	**4**	**10**	**5**

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **AT NICOLSON'S LOCK ANDREWSVILLE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-035-02**
STORET CODE: **02 006 1710**

LAT: LONG: U.T.M: **18 0435300.0 4977600.0 4** REGION: **04** DISTANCE: **73.545**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:		*SAMPLE*		*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*	*CLIDUR*	
81 01 13 0815	.3	1	28000	6	0.0	13.0		0.026		270.0	0.85		
81 02 09 0815	.3	1	28011	6	0.0	11.3							
81 03 09 0750	.3	1	28022	6 3	0.5	12.4		0.024		225.0	1.50		
81 05 11 1235	.3	1	28033	6	14.0	9.4		0.052		305.0			
81 06 03 1330	.3	1	28044	6	20.0	8.6		0.058		295.0	2.20		
81 07 14 0755	.3	1	28055	6	25.0	7.4							
81 08 12 0815	.3	1	28066	6	22.0	7.4	1.0	0.042	0.140	210.0	1.50	7.000	
81 09 14 0840	.3	1	28077					0.038		260.0	2.60		
81 10 06 0740	.3	1	28088	6 3	9.0	10.4		0.034		250.0	0.80		
81 11 04 0800	.3	1	28099	6 3	6.0	11.6		0.026		300.0	1.40		
81 12 08 0800	.3	1	28110	6	0.0	13.8							
MAXIMUM					**25.0**	**13.8**	**1.0**	**0.058**	**0.140**	**305.0**	**2.60**	**7.000**	
ARITH MEAN					**13.8**	**10.5**	**1.0**	**0.037**	**0.140**	**264.4**	**1.55**	**7.000**	
GEOM MEAN					**8.8**	**10.3**		**0.036**		**262.3**	**1.43**		
MINIMUM					**0.5**	**7.4**	**1.0**	**0.024**	**0.140**	**210.0**	**0.80**	**7.000**	
STD DEV (GEOM *)					**9.1**	**2.3**		**0.013**		**35.1**	**0.66**		
# SAMPLES (IN STATISTICS)					7	**10**	1	**8**	1	**8**	7	1	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		*ALKT*			*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 13 0815	.3	1	90.0	7.80		0.100						
81 02 09 0815	.3	1			1.000<		0.001<	0.007	0.003<	0.007	0.003	
81 03 09 0750	.3	1	90.0	7.80		0.150	0.001<	0.015	0.003<	0.014	0.002<	
81 05 11 1235	.3	1	138.0	7.90	2.000	0.350	0.001<	0.005	0.008	0.002	0.002	
81 06 03 1330	.3	1	134.0	8.20	1.000<	0.300	0.001<	0.001	0.003<	0.001	0.002<	
81 07 14 0755	.3	1			1.000<		0.001<	0.001	0.003<	0.001<	0.002<	
81 08 12 0815	.3	1	92.0	8.00	1.000<		0.001<	0.002	0.003<	0.002	0.002	
81 09 14 0840	.3	1	125.0	7.60	1.000<	0.550	0.001<	0.003	0.004	0.007	0.009	
81 10 06 0740	.3	1	124.0	7.90	1.000<	2.000	0.001<	0.001	0.004	0.006	0.006	
81 11 04 0800	.3	1	147.0	7.70	1.000<	0.350	0.001<	0.006	0.003<	0.018	0.002	
81 12 08 0800	.3	1					0.001<	0.001<	0.003<	0.007	0.018	
MAXIMUM			**147.0**	**8.20**	**2.000**	**2.000**		**0.015**	**0.008**	**0.018**	**0.018**	
ARITH MEAN			**117.5**	**7.86**	**2.000**	**0.543**		**0.005**	**0.005**	**0.007**	**0.006**	
GEOM MEAN			**115.4**	**7.86**		**0.347**		**0.003**	**0.005**	**0.005**	**0.004**	
MINIMUM			**90.0**	**7.60**	**2.000**	**0.100**		**0.001**	**0.004**	**0.001**	**0.002**	
STD DEV (GEOM *)			**23.4**	**0.18**		**0.659**		**0.005**	**0.002**	**0.006**	**0.006**	
# SAMPLES (IN STATISTICS)			**8**	**8**	1	7		9	3	9	7	

B.O.W./ SITE: **JOCK RIVER**
SAMPLE POINT: **AT MOODIE DRIVE BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 02LA007**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-036-02**
STORET CODE: **02 006 1710**

LAT: LONG: U.T.M: **18 0437900.0 5010750.0 4** REGION: **04** DISTANCE: **33.313**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:		*SAMPLE*		*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*	
81 01 13 1530	.3	1	28007	6 4	1.110	0.0	5.4		0.042		590.0	4.20	
81 02 09 1440	.3	1	28018	6 4	0.650	0.0	5.5						
81 03 09 1225	.3	1	28029	6 3	6.740	0.5	13.8		0.014		385.0	2.70	
81 05 11 1120	.3	1	28040	6	2.480	13.0	8.4		0.052		405.0		
81 06 03 1205	.3	1	28051	6	6.100	20.0	8.2		0.044		415.0	3.50	
81 07 14 1415	.3	1	28062	6 8	3.010	24.0	5.0						
81 08 12 1345	.3	1	28073	6 8	1.020	23.0	9.0	3.0	0.114	0.270	475.0	2.50	
81 09 14 1300	.3	1	28084	6 3	33.600	17.0	5.7		0.046		360.0	2.20	
81 10 06 1234	.3	1	28095	6 3	6.190	9.0	8.2		0.036		450.0	1.50	
81 11 04 1250	.3	1	28106	6 3	13.800	7.0	9.8		0.040		390.0	1.70	
81 12 08 1345	.3	1	28117	6 4	4.690	0.0	13.2						
MAXIMUM					**33.600**	**24.0**	**13.8**	**3.0**	**0.114**	**0.270**	**590.0**	**4.20**	
ARITH MEAN					**7.217**	**14.2**	**8.4**	**3.0**	**0.048**	**0.270**	**433.7**	**2.61**	
GEOM MEAN					**3.885**	**9.7**	**7.9**		**0.042**		**428.9**	**2.47**	
MINIMUM					**0.650**	**0.5**	**5.0**	**3.0**	**0.014**	**0.270**	**360.0**	**1.50**	
STD DEV (GEOM *)					**9.525**	**8.3**	**3.0**		**0.029**		**73.0**	**0.96**	
# SAMPLES (IN STATISTICS)					11	8	11	1	8	1	8	7	

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:		*CLIDUR*		*ALKT*	*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*	
81 01 13 1530	.3	1		258.0	7.40		0.450						
81 02 09 1440	.3	1				1.000<		0.001<	0.010	0.003<	0.069	0.002<	
81 03 09 1225	.3	1		161.0	8.00		0.200	0.001<	0.004	0.003<	0.009	0.002<	
81 05 11 1120	.3	1		189.0	7.90	1.000<	0.600	0.001<	0.001	0.004	0.004	0.002	
81 06 03 1205	.3	1		200.0	7.90	1.000<	0.400	0.001<	0.002	0.003<	0.002	0.002<	
81 07 14 1415	.3	1				1.000<		0.001<	0.005	0.003<	0.003	0.002<	
81 08 12 1345	.3	1	25.000	219.0	7.90	1.000<		0.001<	0.005	0.003<	0.004	0.001	
81 09 14 1300	.3	1		174.0	7.40	1.000<	0.500	0.001<	0.008	0.003<	0.017	0.006	
81 10 06 1234	.3	1		223.0	8.00	1.000<	0.450	0.001<	0.002	0.003<	0.004	0.001	
81 11 04 1250	.3	1		191.0	7.70	1.000<	0.300	0.001<	0.004	0.005	0.005	0.001	
81 12 08 1345	.3	1						0.001<	0.001<	0.003	0.011	0.006	
MAXIMUM			**25.000**	**258.0**	**8.00**		**0.600**		**0.010**	**0.005**	**0.069**	**0.006**	
ARITH MEAN			**25.000**	**201.9**	**7.77**		**0.414**		**0.005**	**0.004**	**0.013**	**0.003**	
GEOM MEAN				**199.9**	**7.77**		**0.393**		**0.004**	**0.004**	**0.007**	**0.002**	
MINIMUM			**25.000**	**161.0**	**7.40**		**0.200**		**0.001**	**0.003**	**0.002**	**0.001**	
STD DEV (GEOM *)				**30.8**	**0.25**		**0.131**		**0.003**	**0.001**	**0.020**	**0.002**	
# SAMPLES (IN STATISTICS)			1	8	8		7		9	3	10	6	

B.O.W./ SITE: **RIDEAU RIVER**
SAMPLE POINT: **AT LONG ISLAND GAUGING STATION**
STATION TYPE: **RIVER FLOW GAUGE FED 02LA012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **RIDEAU RIVER**

STATION ID: **18-0033-037-02**
STORET CODE: **02 006 1710**

LAT: LONG: U T M: **18 0444650.0 5010600.0 4** REGION: **04** DISTANCE: **25.910**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
81 01 13 1125		.3	1	28003	6	12.000	0.0	12.8		0.042		310.0	1.10
81 02 09 1040		.3	1	28014	6	8.900	0.0	13.2					
81 03 09 1005		.3	1	28025	3 6	61.800	0.5	12.2		0.022		250.0	1.60
81 05 11 0910		.3	1	28036	6	8.710	13.0	10.4		0.044		350.0	
81 06 03 1020		.3	1	28047	5	15.200	20.0	11.1		0.050		340.0	3.10
81 07 14 1100		.3	1	28058	6	9.220	25.0	8.0					
81 08 12 0945		.3	1	28069	6	16.500	23.0	8.6	1.0	0.046	0.090	265.0	2.50
81 09 14 1000		.3	1	28080	6 3	77.000	17.0	8.8		0.042		280.0	2.20
81 10 06 1006		.3	1	28091	6 3	49.300	9.0	11.6		0.036		290.0	1.20
81 11 04 1015		.3	1	28102	6 3	63.500	6.0	11.1		0.026		325.0	2.20
81 12 08 1020		.3	1	28113	6	23.500	0.0	13.8					
MAXIMUM						**77.000**	**25.0**	**13.8**	**1.0**	**0.050**	**0.090**	**350.0**	**3.10**
ARITH MEAN						**31.421**	**14.2**	**11.1**	**1.0**	**0.038**	**0.090**	**301.2**	**1.99**
GEOM MEAN						**22.513**	**9.5**	**10.9**		**0.037**		**299.4**	**1.87**
MINIMUM						**8.710**	**0.5**	**8.0**	**1.0**	**0.022**	**0.090**	**250.0**	**1.10**
STD DEV (GEOM *)						**26.059**	**8.6**	**1.9**		**0.010**		**35.9**	**0.72**
# SAMPLES (IN STATISTICS)						11	8	11	1	8	1	8	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 13 1125		.3	1		135.0	7.50		0.100					
81 02 09 1040		.3	1				1.000<		0.001<	0.005	0.003<	0.007	0.002<
81 03 09 1005		.3	1		101.0	7.90		0.200	0.001<	0.005	0.020	0.009	0.002<
81 05 11 0910		.3	1		157.0	7.90	1.000	0.400	0.001<	0.002	0.006	0.008	0.002<
81 06 03 1020		.3	1		159.0	8.10	1.000<	0.150	0.001<	0.002	0.003<	0.003	0.002<
81 07 14 1100		.3	1				1.000<		0.001<	0.006	0.003<	0.011	0.009
81 08 12 0945		.3	1	8.300	127.0	8.00	1.000<		0.001<	0.003	0.003<	0.003	0.003
81 09 14 1000		.3	1		137.0	7.50	1.000<	0.400	0.001<	0.002	0.003<	0.003	0.002
81 10 06 1006		.3	1		150.0	8.00	1.000<	0.300		0.069	0.004	0.072	
81 11 04 1015		.3	1		164.0	7.70	1.000<	0.350	0.001<	0.008	0.003<	0.016	0.004
81 12 08 1020		.3	1						0.001<	0.001<	0.003<	0.015	0.002<
MAXIMUM				**8.300**	**164.0**	**8.10**	**1.000**	**0.400**		**0.069**	**0.020**	**0.072**	**0.009**
ARITH MEAN				**8.300**	**141.2**	**7.82**	**1.000**	**0.271**		**0.011**	**0.010**	**0.015**	**0.004**
GEOM MEAN					**139.8**	**7.82**		**0.243**		**0.005**	**0.008**	**0.009**	**0.004**
MINIMUM				**8.300**	**101.0**	**7.50**	**1.000**	**0.100**		**0.002**	**0.004**	**0.003**	**0.002**
STD DEV (GEOM *)					**20.8**	**0.23**		**0.122**		**0.022**	**0.009**	**0.021**	**0.003**
# SAMPLES (IN STATISTICS)				1	8	8	1	7		9	3	10	4

B.O.W./ SITE: **SOUTH NATION RIVER**
SAMPLE POINT: **HIGHWAY 17 PLANTAGENET**
STATION TYPE: **RIVER FLOW GAUGE FED 02LB005**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-020-02**
STORET CODE: **02 006 1170**

LAT: LONG: U T M: **18 0495000.0 5044875.0 4** REGION: **04** DISTANCE: **10.300**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 01 26 1400		.3	1	25900	4	5.400	1.0	11.0	1.1	0.138	0.102	0.300	0.680
81 02 16 1400		.3	1	25412	4	71.000	2.0	13.0					
81 03 10 1420		.3	1	25413	6	38.100	3.0	2.4		0.088		0.200	
81 04 21 1230		.3	1	25414	6	29.000	8.0	12.0					
81 05 14 1045		.3	1	25415	6	91.400	14.0	14.0		0.158			
81 06 08 1330		.3	1	25416	6	39.100	19.5	8.0		0.170		0.050	
81 08 24 1415		.3	1	25418	6	18.500	24.0	2.8		0.100		0.020	
81 09 30 1130		.3	1	25419	6	70.700	13.0	9.6		0.960		0.050	
81 11 09 1500		.3	1	25420	6	96.200	5.0	12.0					
81 11 30 1330		.3	1	25421	8	60.500	3.0	11.00		0.090		0.130	
81 12 29 1115		.3	1	25422	4	14.600	2.0	12.00		0.042		0.004	
MAXIMUM						**96.200**	**24.0**	**14.0**	**1.1**	**0.960**	**0.102**	**0.300**	**0.680**
ARITH MEAN						**48.591**	**8.6**	**9.8**	**1.1**	**0.218**	**0.102**	**0.108**	**0.680**
GEOM MEAN						**36.813**	**5.4**	**8.6**		**0.136**		**0.055**	
MINIMUM						**5.400**	**1.0**	**2.4**	**1.1**	**0.042**	**0.102**	**0.004**	**0.680**
STD DEV (GEOM *)						**31.213**	**7.9**	**3.9**		**0.303**		**0.109**	
# SAMPLES (IN STATISTICS)						11	11	11	1	8	1	7	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
81 01 26 1400		.3	1	0.018	1.200	1.518	0.380	1.898		600.0	7.80	39.000	
81 03 10 1420		.3	1						15.00	465.0			149.0
81 05 14 1045		.3	1						55.00	470.0			151.0
81 06 08 1330		.3	1						33.00	375.0			127.0
81 08 24 1415		.3	1						11.00	460.0	8.00		178.0
81 09 30 1130		.3	1						31.00	475.0			187.0
81 11 30 1330		.3	1						10.9	520	10.80		201
81 12 29 1115		.3	1						13.4	595	5.80		224
MAXIMUM				**0.018**	**1.200**	**1.518**	**0.380**	**1.898**	**55.00**	**600.0**	**10.80**	**39.000**	**224**
ARITH MEAN				**0.018**	**1.200**	**1.518**	**0.380**	**1.898**	**24.1**	**495**	**8.10**	**39.000**	**173**
GEOM MEAN									**20.1**	**490**	**7.91**		**171**
MINIMUM				**0.018**	**1.200**	**1.518**	**0.380**	**1.898**	**10.9**	**375.0**	**5.80**	**39.000**	**127.0**
STD DEV (GEOM *)									**16.4**	**74**	**2.06**		**33**
# SAMPLES (IN STATISTICS)				1	1	1	1	1	7	8	4	1	7

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PH*	*FWPH*	*PHNOL*	*FEUT*	*COLAP*	*CUUT*	*PBUT*	*ZNUT*
81 02 16 1400		.3	1			2.000			0.010	0.003<	0.011
81 03 10 1420		.3	1	7.80		1.000<	1.100		0.010	0.003<	0.009
81 04 21 1230		.3	1						0.009	0.003<	0.006
81 05 14 1045		.3	1	7.80		1.000<	4.400		0.006	0.004	0.007
81 06 08 1330		.3	1	7.80			2.300		0.007	0.003<	0.007
81 08 24 1415		.3	1	8.10			1.100	114.000	0.005	0.003<	0.005
81 09 30 1130		.3	1	7.40		1.000<	1.900		0.100	0.003<	0.028
81 11 09 1500		.3	1			1.000<			0.510	0.077	0.088
81 11 30 1330		.3	1	7.98		1 <T	1.26		0.170	0.003	0.100
81 12 29 1115		.3	1	8.11	6.90	1 <T	0.82		0.095	0.007	0.028
MAXIMUM				**8.11**	**6.90**	**2.000**	**4.400**	**114.000**	**0.510**	**0.077**	**0.100**
ARITH MEAN				**7.86**	**6.90**	**1 <A**	**1.84**	**114.000**	**0.092**	**0.023**	**0.029**
GEOM MEAN				**7.85**		**1 <A**	**1.57**		**0.026**	**0.009**	**0.016**
MINIMUM				**7.40**	**6.90**	**1**	**0.82**	**114.000**	**0.005**	**0.003**	**0.005**
STD DEV (GEOM *)				**0.24**		**0 <A**	**1.24**		**0.158**	**0.036**	**0.035**
# SAMPLES (IN STATISTICS)				**7**	**1**	**3**	**7**	**1**	**10**	**4**	**10**

B.O.W./ SITE: **SCOTCH RIVER EAST**
SAMPLE POINT: **AT CONC.17 DOWNSTREAM FROM ST.ISIDORE**
STATION TYPE: **RIVER FLOW GAUGE FED 02LB012**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-040-02**
STORET CODE: **02 006 1170**

LAT: LONG: U.T.M: **18 0505850.0 5025275.0 4** REGION: **04** DISTANCE: **48.601**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*
81 01 21 1015		.3	1	25352	4		256	24	0.0	13.0	0.6	0.150	0.170
81 02 26 1035		.3	1	25356	3	6.520			1.0	14.0			
81 03 24 1330		.3	1	25361	6	0.631	600	1040	5.0	6.0	1.0<	0.102	0.110
81 04 27 1100		.3	1	25366	6	0.816			9.0	13.0	0.4	0.054	0.040
81 05 21 0935		.3	1	25371	8 6	0.768			15.0	10.0			
81 06 29 1030		.3	1	25376	8 6	0.604	270	60I	18.0	9.0	1.0	0.102	0.030
81 07 22 1000		.3	1	25381	8	0.483	1000	60	18.0	9.0			
81 08 19 1110		.3	1	25386	8	1.780	1100	300	17.5	10.0	0.8	0.113	0.020
81 09 24 1315		.3	1	25391	3	2.570	9000	1500>	10.0	10.0		0.360	0.090
81 10 27 0935		.3	1	25396	3	5.100	1080	920	6.0	10.0			
81 11 25 0945		.3	1	25401	6	1.630	80	10<	2.0	12.0			
MAXIMUM						**6.520**	**9000**	**1040**	**18.0**	**14.0**	**1.0**	**0.360**	**0.170**
ARITH MEAN						**2.090**	**1673**	**401**	**10.1**	**10.5**	**0.7**	**0.147**	**0.077**
GEOM MEAN						**1.398**	**659**	**171**	**7.3**	**10.3**	**0.7**	**0.123**	**0.059**
MINIMUM						**0.483**	**80**	**24**	**1.0**	**6.0**	**0.4**	**0.054**	**0.020**
STD DEV (GEOM *)						**2.095**	**4***	**5***	**6.6**	**2.3**	**0.3**	**0.109**	**0.058**
# SAMPLES (IN STATISTICS)						**10**	**8**	**6**	**10**	**11**	**4**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*CUUT*	*PBUT*	*ZNUT*
81 01 21 1015		.3	1	500.0	30.00	17.000	229.0	7.80			
81 02 26 1035		.3	1						0.003	0.003<	0.019
81 03 24 1330		.3	1	465.0	12.00	16.000	187.0	8.00	0.006	0.003<	0.006
81 04 27 1100		.3	1	460.0	6.30	15.000	192.0	8.40	0.012	0.003	0.002
81 05 21 0935		.3	1						0.001	0.004	0.004
81 06 29 1030		.3	1	450.0	30.00	15.000	212.0	8.00	0.004	0.003<	0.004
81 07 22 1000		.3	1						0.013	0.003<	0.007
81 08 19 1110		.3	1	425.0	27.00	10.000	197.0	7.90	0.006	0.003<	0.007
81 09 24 1315		.3	1	480.0	50.00	14.000	200.0	6.70	0.010	0.003<	0.021
81 10 27 0935		.3	1						0.008	0.008	0.015
81 11 25 0945		.3	1						0.002	0.004	0.003
MAXIMUM				**500.0**	**50.00**	**17.000**	**229.0**	**8.40**	**0.013**	**0.008**	**0.021**
ARITH MEAN				**463.3**	**25.88**	**14.500**	**202.8**	**7.80**	**0.006**	**0.005**	**0.009**
GEOM MEAN				**462.7**	**21.24**	**14.305**	**202.4**	**7.78**	**0.005**	**0.004**	**0.007**
MINIMUM				**425.0**	**6.30**	**10.000**	**187.0**	**6.70**	**0.001**	**0.003**	**0.002**
STD DEV (GEOM *)				**25.6**	**15.45**	**2.429**	**15.4**	**0.58**	**0.004**	**0.002**	**0.007**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**10**	**4**	**10**

B.O.W./ SITE: **SCOTCH RIVER EAST**
SAMPLE POINT: **AT CONC.19 UPSTREAM FROM ST.ISIDORE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-060-02**
STORET CODE: **02 006 1170**

LAT: LONG: U T M: **18 0507200.0 5024300.0 4** REGION: **04** DISTANCE: **51.015**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*
81 01 21 0945		.3	1	25351	4			0.0	13.0	0.076	475.0	21.00	217.0
81 02 26 1145		.3	1	25357	3			1.0	13.0				
81 03 24 1415		.3	1	25362	6			6.0	12.0	0.080	395.0	7.10	171.0
81 04 27 1020		.3	1	25367	6			9.0	13.0	0.044	380.0	5.70	178.0
81 05 21 0910		.3	1	25372	6			15.0	10.0				
81 06 29 1000		.3	1	25377	6			18.0	9.0	0.100	370.0	15.00	193.0
81 07 22 0930		.3	1	25382	8			18.0	9.0				
81 08 19 1235		.3	1	25387	8			18.0	11.0	0.078		2.60	186.0
81 09 24 1335		.3	1	25392	3			10.0	10.0	0.340	400.0	8.00	187.0
81 10 27 0910		.3	1	25397	3	680	600	6.0	10.0	0.300	400.0	22.00	191.0
81 11 25 0915		.3	1	25402	6			2.0	12.0				
MAXIMUM						**680**	**600**	**18.0**	**13.0**	**0.340**	**475.0**	**22.00**	**217.0**
ARITH MEAN						**680**	**600**	**10.3**	**11.1**	**0.145**	**403.3**	**11.63**	**189.0**
GEOM MEAN								**7.5**	**11.0**	**0.111**	**402.0**	**9.26**	**188.5**
MINIMUM						**680**	**600**	**1.0**	**9.0**	**0.044**	**370.0**	**2.60**	**171.0**
STD DEV (GEOM *)								**6.6**	**1.6**	**0.121**	**37.1**	**7.71**	**14.5**
# SAMPLES (IN STATISTICS)						1	1	10	11	7	6	7	7

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 21 0945		.3	1	7.60		2.400					
81 02 26 1145		.3	1				0.001<	0.001<	0.003<	0.029	0.005
81 03 24 1415		.3	1	8.10	1.000	0.900	0.001<	0.007	0.003<	0.007	0.002
81 04 27 1020		.3	1	8.10	1.000<	0.500	0.001<	0.001<	0.003<	0.005	0.002<
81 05 21 0910		.3	1				0.001<	0.001<	0.007	0.004	0.002<
81 06 29 1000		.3	1	8.10		1.200	0.001<				
81 07 22 0930		.3	1		1.000<		0.001<	0.004	0.003<	0.006	0.002
81 08 19 1235		.3	1	8.02	1.000<	0.950	0.001<	0.004	0.004	0.004	0.002
81 09 24 1335		.3	1	7.60	1.000<	2.400	0.001<	0.008	0.003<	0.012	0.004
81 10 27 0910		.3	1	7.60	1.000<	1.800	0.001<	0.004	0.029	0.006	0.002
81 11 25 0915		.3	1		1.000<		0.001<	0.002	0.003<	0.002	0.002<
MAXIMUM				**8.10**	**1.000**	**2.400**		**0.008**	**0.029**	**0.029**	**0.005**
ARITH MEAN				**7.87**	**1.000**	**1.450**		**0.005**	**0.013**	**0.008**	**0.003**
GEOM MEAN				**7.87**		**1.270**		**0.004**	**0.009**	**0.006**	**0.003**
MINIMUM				**7.60**	**1.000**	**0.500**		**0.002**	**0.004**	**0.002**	**0.002**
STD DEV (GEOM *)				**0.26**		**0.758**		**0.002**	**0.014**	**0.008**	**0.001**
# SAMPLES (IN STATISTICS)				7	1	7		6	3	9	6

B.O.W./ SITE: **SOUTH NATION RIVER**
SAMPLE POINT: **AT DAM DOWNSTREAM OF CASSELMAN**
STATION TYPE: **RIVER FLOW GAUGE FED 02LB013**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-100-02**
STORET CODE: **02 006 1170**

LAT: LONG: U T M: **18 0492700.0 5018125.0 4** REGION: **04** DISTANCE: **62.763**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*
81 01 21 1345		.3	1	25355	4	3.180	44	4800	0.0	11.0	1.4	0.070	0.300
81 02 26 1445		.3	1	25360	3	241.000			1.0	12.0			
81 03 24 1250		.3	1	25365	6	12.500	156	140	2.5	13.0	1.0<	0.074	0.100
81 04 27 1625		.3	1	25370	6	19.300			9.0	11.0	0.6	0.056	0.050
81 05 21 1245		.3	1	25375	6	21.200			15.0	10.0			
81 06 29 1350		.3	1	25380	6	16.100	260	201	18.0	8.0	1.0	0.144	0.110
81 07 22 1420		.3	1	25385	6	7.180	716	72	18.5	7.0			
81 08 19 1025		.3	1	25390	6	35.700	540	1400	18.0	9.0	0.9	0.175	0.110
81 09 24 1510		.3	1	25395	3	106.000	8000	1500>	10.0	9.0		0.310	0.120
81 10 27 1245		.3	1	25400	3	126.000	560	288	7.0	12.0			
81 11 25 1140		.3	1	25405	6	41.100	784	480	1.0	12.0			
MAXIMUM						**241.000**	**8000**	**4800**	**18.5**	**13.0**	**1.4**	**0.310**	**0.300**
ARITH MEAN						**57.205**	**1382**	**1029**	**10.0**	**10.4**	**1.0**	**0.138**	**0.132**
GEOM MEAN						**28.174**	**471**	**293**	**6.5**	**10.2**	**0.9**	**0.115**	**0.114**
MINIMUM						**3.180**	**44**	**20**	**1.0**	**7.0**	**0.6**	**0.056**	**0.050**
STD DEV (GEOM *)						**73.115**	**4***	**6***	**7.1**	**1.9**	**0.3**	**0.096**	**0.086**
# SAMPLES (IN STATISTICS)						11	8	7	10	11	4	6	6

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*CUUT*	*PBUT*	*ZNUT*
81 01 21 1345		.3	1	630.0	6.00	19.000	249.0	7.50			
81 02 26 1445		.3	1						0.001<	0.003<	0.008
81 03 24 1250		.3	1	560.0	4.60	26.000	206.0	7.90	0.006	0.003<	0.006
81 04 27 1625		.3	1	520.0	6.30	21.000	178.0	8.10	0.001<	0.003<	0.003
81 05 21 1245		.3	1						0.001<	0.008	0.004
81 06 29 1350		.3	1	490.0	15.00	18.000	202.0	7.70	0.004	0.008	0.003
81 07 22 1420		.3	1						0.003	0.009	0.006
81 08 19 1025		.3	1	500.0	7.80	18.000	202.0	7.70	0.009	0.003<	0.007
81 09 24 1510		.3	1	440.0	6.00	17.000	200.0	7.80	0.008	0.003<	0.014
81 10 27 1245		.3	1						0.006	0.006	0.008
81 11 25 1140		.3	1						0.002	0.003<	0.004
MAXIMUM				**630.0**	**15.00**	**26.000**	**249.0**	**8.10**	**0.009**	**0.009**	**0.014**
ARITH MEAN				**523.3**	**7.62**	**19.833**	**206.2**	**7.78**	**0.005**	**0.008**	**0.006**
GEOM MEAN				**520.0**	**7.04**	**19.626**	**205.1**	**7.78**	**0.005**	**0.008**	**0.006**
MINIMUM				**440.0**	**4.60**	**17.000**	**178.0**	**7.50**	**0.002**	**0.006**	**0.003**
STD DEV (GEOM *)				**65.3**	**3.76**	**3.312**	**23.2**	**0.20**	**0.003**	**0.001**	**0.003**
# SAMPLES (IN STATISTICS)				6	6	6	6	6	7	4	10

B.O.W./ SITE: **SOUTH NATION RIVER**
SAMPLE POINT: **AT DAM CHESTERVILLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02LB009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-110-02**
STORET CODE: **02 006 1170**

LAT: LONG: U.T.M: **18 0482150.0 4994000.0 4** REGION: **04** DISTANCE: **93.339**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
81 03 09 1600		.3	1	25327	0 3	9.230			0.3	1.2	0.036	455.0	3.60
81 05 05 0830		.3	1	25329	0 8				15.0	12.0	0.038	450.0	4.30
81 07 07 1000		.3	1	25331	0 8		104	28	26.0	8.0	0.148	410.0	33.00
	MAXIMUM					**9.230**	**104**	**28**	**26.0**	**12.0**	**0.148**	**455.0**	**33.00**
	ARITH MEAN					**9.230**	**104**	**28**	**13.8**	**7.1**	**0.074**	**438.3**	**13.63**
	GEOM MEAN								**4.9**	**4.9**	**0.059**	**437.9**	**7.99**
	MINIMUM					**9.230**	**104**	**28**	**0.3**	**1.2**	**0.036**	**410.0**	**3.60**
	STD DEV (GEOM *)								**12.9**	**5.5**	**0.064**	**24.7**	**16.78**
	# SAMPLES (IN STATISTICS)					**1**	**1**	**1**	**3**	**3**	**3**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 03 09 1600		.3	1	168.0	7.80	1.000<	0.400	0.001<	0.021	0.003<	0.009	0.027
81 05 05 0830		.3	1	199.0	8.20	1.000<	0.450	0.001<	0.003	0.004	0.001	0.002<
81 07 07 1000		.3	1	190.0	7.60		1.800	0.001<	0.140	0.006	0.010	0.002<
	MAXIMUM			**199.0**	**8.20**		**1.800**		**0.140**	**0.006**	**0.010**	**0.027**
	ARITH MEAN			**185.7**	**7.87**		**0.883**		**0.055**	**0.005**	**0.007**	**0.027**
	GEOM MEAN			**185.2**	**7.86**		**0.687**		**0.021**	**0.005**	**0.004**	
	MINIMUM			**168.0**	**7.60**		**0.400**		**0.003**	**0.004**	**0.001**	**0.027**
	STD DEV (GEOM *)			**15.9**	**0.31**		**0.794**		**0.074**	**0.001**	**0.005**	
	# SAMPLES (IN STATISTICS)			**3**	**3**		**3**		**3**	**2**	**3**	**1**

B.O.W./ SITE: **CASTOR RIVER**
SAMPLE POINT: **AT CONC RD.NO.5 RUSSELL TWP.**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-140-02**
STORET CODE: **02 006 1170**

LAT: LONG: U.T.M: **18 0475750.0 5012300.0 4** REGION: **04** DISTANCE: **82.396**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
81 01 21 1315		.3	1	25354	4	0.0	10.0	0.110	690.0	4.70	251.0	7.40	
81 02 26 1405		.3	1	25359	3	1.0	12.0						
81 03 24 1115		.3	1	25364	6	2.5	12.0	0.034	620.0	3.50	216.0	7.90	1.000<
81 04 27 1500		.3	1	25368	6	10.0	13.0	0.032	590.0	3.70	222.0	8.10	1.000<
81 05 21 1100		.3	1	25373	6	15.0	9.0						
81 06 29 1200		.3	1	25378	8 6	18.0	8.0	0.084	580.0	15.00	262.0	8.00	
81 07 22 1330		.3	1	25383	8	20.0	8.0						1.000<
81 08 19 1330		.3	1	25388	8	18.0	10.0	0.082		2.40	233.0	8.01	1.000<
81 09 24 1435		.3	1	25394	3	10.0	9.0	0.178	570.0	2.00	234.0	7.40	1.000<
81 10 27 1100		.3	1	25399	3	6.5	11.0	0.170	540.0	8.00	227.0	7.60	1.000<
81 11 25 1115		.3	1	25404	6	2.0	15.0						1.000
	MAXIMUM					**20.0**	**15.0**	**0.178**	**690.0**	**15.00**	**262.0**	**8.10**	**1.000**
	ARITH MEAN					**10.3**	**10.6**	**0.099**	**598.3**	**5.61**	**235.0**	**7.77**	**1.000**
	GEOM MEAN					**7.1**	**10.4**	**0.082**	**596.5**	**4.46**	**234.5**	**7.77**	
	MINIMUM					**1.0**	**8.0**	**0.032**	**540.0**	**2.00**	**216.0**	**7.40**	**1.000**
	STD DEV (GEOM *)					**7.2**	**2.2**	**0.059**	**51.9**	**4.59**	**16.2**	**0.30**	
	# SAMPLES (IN STATISTICS)					**10**	**11**	**7**	**6**	**7**	**7**	**7**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
81 01 21 1315		.3	1	0.850					
81 02 26 1405		.3	1		0.001<	0.001<	0.003<	0.010	0.007
81 03 24 1115		.3	1	0.500	0.001<	0.010	0.007	0.006	0.002<
81 04 27 1500		.3	1	1.800	0.001<	0.001<	0.005	0.004	0.002<
81 05 21 1100		.3	1		0.001<	0.002	0.009	0.003	0.002<
81 06 29 1200		.3	1	1.350	0.001<				
81 07 22 1330		.3	1		0.001<	0.013	0.008	0.004	0.027
81 08 19 1330		.3	1	0.810	0.001<	0.008	0.003	0.005	0.003
81 09 24 1435		.3	1	1.800	0.001<	0.008	0.003<	0.014	0.004
81 10 27 1100		.3	1	1.300	0.001<	0.005	0.007	0.011	0.003
81 11 25 1115		.3	1		0.001<	0.002	0.003<	0.002	0.002<
	MAXIMUM			**1.800**		**0.013**	**0.009**	**0.014**	**0.027**
	ARITH MEAN			**1.201**		**0.007**	**0.006**	**0.007**	**0.009**
	GEOM MEAN			**1.101**		**0.006**	**0.006**	**0.005**	**0.006**
	MINIMUM			**0.500**		**0.002**	**0.003**	**0.002**	**0.003**
	STD DEV (GEOM *)			**0.503**		**0.004**	**0.002**	**0.004**	**0.010**
	# SAMPLES (IN STATISTICS)			**7**		**7**	**6**	**9**	**5**

B.O.W./ SITE: **CASTOR RIVER**
SAMPLE POINT: **AT CONC.RD.NO.3 RUSSELL TWP.**
STATION TYPE: **RIVER FLOW GAUGE FED.02LB006**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **SOUTH NATION RIVER**

STATION ID: **18-2070-145-02**
STORET CODE: **02 006 1170**

LAT: LONG: U T M: **18 0472050.0 5011900.0 4** REGION: **04** DISTANCE: **85.615**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*
81 01 21 1335		.3	1	25353	4	0.635	200	236	0.0	11.0	0.8	0.092	0.200
81 02 26 1330		.3	1	25358	3	43.300			1.0	11.0			
81 03 24 1045		.3	1	25363	6	3.910	68	920	2.5	13.0	1.0<	0.050	0.040
81 04 27 1520		.3	1	25369	6	3.330			11.0	13.0	0.6	0.026	0.030
81 05 21 1045		.3	1	25374	6	4.620			15.0	13.0			
81 06 29 1120		.3	1	25379	8 6	3.470	30I	10I	19.0	9.0	1.0	0.050	0.020
81 07 22 1245		.3	1	25384	6	0.721	8	4	18.0	10.0			
81 08 19 1345		.3	1	25389	6	6.820	290	70I	18.0	10.0	0.9	0.074	0.030
81 09 24 1415		.3	1	25393	3	19.800	8500	1500>	10.0	10.0		0.212	0.060
81 10 27 1045		.3	1	25398	3	24.700			7.0	10.0			
81 11 25 1100		.3	1	25403	6	6.380	716	240	2.0	11.0			
MAXIMUM						**43.300**	**8500**	**920**	**19.0**	**13.0**	**1.0**	**0.212**	**0.200**
ARITH MEAN						**10.699**	**1402**	**247**	**10.3**	**11.0**	**0.8**	**0.084**	**0.063**
GEOM MEAN						**5.275**	**178**	**73**	**7.2**	**10.9**	**0.8**	**0.067**	**0.045**
MINIMUM						**0.635**	**8**	**4**	**1.0**	**9.0**	**0.6**	**0.026**	**0.020**
STD DEV (GEOM *)						**13.288**	**10***	**8***	**7.0**	**1.4**	**0.2**	**0.067**	**0.068**
# SAMPLES (IN STATISTICS)						**11**	**7**	**6**	**10**	**11**	**4**	**6**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*CUUT*	*PBUT*	*ZNUT*
81 01 21 1335		.3	1	660.0	5.10	55.000	246.0	7.60			
81 02 26 1330		.3	1						0.001<	0.003<	0.008
81 03 24 1045		.3	1	620.0	4.10	33.000	214.0	7.90	0.009	0.003	0.004
81 04 27 1520		.3	1	600.0	3.60	30.000	206.0	8.40	0.001<	0.003	0.001<
81 05 21 1045		.3	1						0.001	0.008	0.005
81 06 29 1120		.3	1	580.0	6.00	21.000	263.0	8.10			
81 07 22 1245		.3	1						0.005	0.011	0.005
81 08 19 1345		.3	1	560.0	3.30	19.000	238.0	7.90	0.008	0.003<	0.002
81 09 24 1415		.3	1	320.0	7.50	23.000	228.0	7.70	0.007	0.003<	0.011
81 10 27 1045		.3	1						0.005	0.006	0.010
81 11 25 1100		.3	1						0.002	0.003	0.003
MAXIMUM				**660.0**	**7.50**	**55.000**	**263.0**	**8.40**	**0.009**	**0.011**	**0.011**
ARITH MEAN				**556.7**	**4.93**	**30.167**	**232.5**	**7.93**	**0.005**	**0.006**	**0.006**
GEOM MEAN				**542.6**	**4.73**	**28.170**	**231.7**	**7.93**	**0.004**	**0.005**	**0.005**
MINIMUM				**320.0**	**3.30**	**19.000**	**206.0**	**7.60**	**0.001**	**0.003**	**0.002**
STD DEV (GEOM *)				**120.9**	**1.61**	**13.303**	**21.0**	**0.29**	**0.003**	**0.003**	**0.003**
# SAMPLES (IN STATISTICS)				**6**	**6**	**6**	**6**	**6**	**7**	**6**	**8**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **AT RAILWAY BRIDGE NORTH GALETTA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-030-02**
STORET CODE: **02 006 2670**

LAT: LONG: U T M: **18 0402000.0 5030500.0 4** REGION: **04** DISTANCE: **3.701**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*RSP*	*COND25*	*ALKT*	*PH*	*PHNOL*
81 01 20 1450		.3	1	26409	0.0	14.0							1.000<
81 02 10 1320		.3	1	26420	0.0	15.0							1.000<
81 03 08 1805		.3	1	26431	2.5	11.0	0.010	0.050		190.0	77.0	7.60	1.000<
81 05 03 1600		.3	1	26442	13.5	11.0	0.028	0.050	5.00	235.0	101.0	8.30	1.000
81 06 02 0945		.3	1	26453	20.0	10.0	0.036	0.040	6.00	250.0	108.0	7.90	
81 07 07 1600		.3	1	26464	25.0	11.0							
81 08 04 1640		.3	1	26475	26.0	10.0	0.032	0.080	1.00<	230.0	108.0	8.10	1.000<
81 09 01 1530		.3	1	26486	22.0	7.0	0.030				7.0	7.84	1.000<
81 10 05 1305		.3	1	26497	11.0	10.0	0.260	0.020	2.00	240.0	117.0	7.90	1.000<
81 11 03 1130		.3	1	26508	8.0	13.0	0.026	0.020	4.00	235.0	113.0	7.80	
81 12 02 1110		.3	1	26519	1.5	14.0							
MAXIMUM					**26.0**	**15.0**	**0.260**	**0.080**	**6.00**	**250.0**	**117.0**	**8.30**	**1.000**
ARITH MEAN					**14.4**	**11.5**	**0.060**	**0.043**	**4.25**	**230.0**	**90.1**	**7.92**	**1.000**
GEOM MEAN					**10.3**	**11.2**	**0.035**	**0.038**	**3.94**	**229.2**	**70.2**	**7.92**	
MINIMUM					**1.5**	**7.0**	**0.010**	**0.020**	**2.00**	**190.0**	**7.0**	**7.60**	**1.000**
STD DEV (GEOM *)					**9.3**	**2.3**	**0.088**	**0.023**	**1.71**	**20.7**	**38.9**	**0.22**	
# SAMPLES (IN STATISTICS)					**9**	**11**	**7**	**6**	**4**	**6**	**7**	**7**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 02 10 1320		.3	1		0.006	0.003<	0.008
81 03 08 1805		.3	1	0.250	0.003	0.003<	0.005
81 05 03 1600		.3	1	0.250	0.001<	0.003<	0.001<
81 06 02 0945		.3	1	0.250	0.001	0.002<	0.001<
81 07 07 1600		.3	1		0.002	0.003<	0.001
81 08 04 1640		.3	1	0.100	0.002	0.003<	0.001<
81 09 01 1530		.3	1	0.210	0.001	0.003<	0.003
81 10 05 1305		.3	1	0.500	0.003	0.003<	0.001
81 11 03 1130		.3	1	0.300	0.001<	0.003<	0.004
81 12 02 1110		.3	1		0.008	0.003<	0.001
MAXIMUM				**0.500**	**0.008**		**0.008**
ARITH MEAN				**0.266**	**0.003**		**0.003**
GEOM MEAN				**0.242**	**0.003**		**0.002**
MINIMUM				**0.100**	**0.001**		**0.001**
STD DEV (GEOM *)				**0.121**	**0.002**		**0.003**
# SAMPLES (IN STATISTICS)				**7**	**8**		**7**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **AT DAM BELOW PAKENHAM**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-034-02**
STORET CODE: **02 006 2670**

LAT: LONG: U T M: **18 0399150.0 5020900.0 4** REGION: **04** DISTANCE: **14.966**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TEST-NAME: SAMPLE / FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 20 1400		.3	1	26407	0.0	15.0	0.020	230.0	1.00	101.0	7.60	1.000<	0.250
81 02 10 1300		.3	1	26418	0.0	16.0						1.000<	
81 03 08 1730		.3	1	26429	2.0	14.0	0.030	185.0	1.90	74.0	7.80	1.000<	0.250
81 05 03 1510		.3	1	26440	14.0	11.0	0.080	225.0	1.80	95.0	8.60	1.000	0.450
81 06 02 0850		.3	1	26451	19.0	8.0	0.034	230.0	2.30	102.0	8.00		0.250
81 07 07 1520		.3	1	26462	27.0	14.0							
81 08 04 1530		.3	1	26473	25.0	11.0	0.032	215.0	1.70	104.0	8.20	1.000<	0.200
81 09 01 1440		.3	1	26484	23.0	10.0	0.040		0.69	6.0	8.04	1.000	0.150
81 10 05 1220		.3	1	26495	11.0	11.0						1.000<	
81 11 03 1020		.3	1	26506	8.0	14.0	0.026	225.0	1.60	107.0	7.80		0.250
81 12 02 1015		.3	1	26517	1.5	15.0							
MAXIMUM					**27.0**	**16.0**	**0.080**	**230.0**	**2.30**	**107.0**	**8.60**	**1.000**	**0.450**
ARITH MEAN					**14.5**	**12.6**	**0.037**	**218.3**	**1.57**	**84.1**	**8.01**	**1.000**	**0.257**
GEOM MEAN					**10.1**	**12.4**	**0.034**	**217.7**	**1.47**	**64.9**	**8.00**	**1.000**	**0.245**
MINIMUM					**1.5**	**8.0**	**0.020**	**185.0**	**0.69**	**6.0**	**7.60**	**1.000**	**0.150**
STD DEV (GEOM *)					**9.6**	**2.5**	**0.020**	**17.2**	**0.55**	**36.2**	**0.33**	**0.000**	**0.093**
# SAMPLES (IN STATISTICS)					**9**	**11**	**7**	**6**	**7**	**7**	**7**	**2**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 10 1300		.3	1	0.001<	0.009	0.003<	0.008	0.002<
81 03 08 1730		.3	1	0.001<	0.004	0.003<	0.004	0.002<
81 05 03 1510		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 06 02 0850		.3	1	0.001<	0.002	0.003<	0.001<	0.002<
81 07 07 1520		.3	1	0.001<	0.002	0.003<	0.001<	0.002<
81 08 04 1530		.3	1	0.001<	0.005	0.003<	0.007	0.002
81 09 01 1440		.3	1	0.001<	0.001	0.003<	0.001	0.002
81 10 05 1220		.3	1		0.003	0.003	0.001<	
81 11 03 1020		.3	1	0.001<	0.003	0.003<	0.002	0.001<
81 12 02 1015		.3	1	0.001<	0.009	0.003<	0.004	0.002<
MAXIMUM					**0.009**	**0.003**	**0.008**	**0.002**
ARITH MEAN					**0.004**	**0.003**	**0.004**	**0.002**
GEOM MEAN					**0.003**		**0.003**	**0.002**
MINIMUM					**0.001**	**0.003**	**0.001**	**0.002**
STD DEV (GEOM *)					**0.003**		**0.003**	**0.000**
# SAMPLES (IN STATISTICS)					**9**	**1**	**6**	**2**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **DOWNSTREAM OF ALMONTE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-040-02**
STORET CODE: **02 006 2670**

LAT: LONG: U T M: **18 0404950.0 5009990.0 4** REGION: **04** DISTANCE: **28.485**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	TEST-NAME: SAMPLE / FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 01 20 1300		.3	1	26406	0.0	13.0	0.018	220.0	0.50	95.0	7.50	1.000<	0.200
81 02 10 1235		.3	1	26417	0.0	18.0						1.000<	
81 03 08 1715		.3	1	26428	3.0	14.0	0.022	175.0	1.20	72.0	7.80	1.000<	0.150
81 05 03 1445		.3	1	26439	14.0	12.0	0.022	205.0	0.94	89.0	8.50	1.000	0.150
81 06 02 0830		.3	1	26450	19.0	10.0	0.036	210.0	0.83	94.0	7.80		0.050
81 07 07 1500		.3	1	26461	28.0	13.0							
81 08 04 1510		.3	1	26472	26.0	10.0	0.030	205.0	1.30	98.0	8.30	1.000<	0.050
81 09 01 1420		.3	1	26483	23.0	9.0	0.019		0.65	6.0	7.99	1.000	0.040
81 10 05 1200		.3	1	26494	11.0	10.5						1.000<	
81 11 03 0830		.3	1	26505	8.0	12.5	0.020	210.0	1.30	99.0	7.70		0.250
81 12 02 0915		.3	1	26516	2.0	14.0							
MAXIMUM					**28.0**	**18.0**	**0.036**	**220.0**	**1.30**	**99.0**	**8.50**	**1.000**	**0.250**
ARITH MEAN					**14.9**	**12.4**	**0.024**	**204.2**	**0.96**	**79.0**	**7.94**	**1.000**	**0.127**
GEOM MEAN					**11.0**	**12.1**	**0.023**	**203.7**	**0.91**	**61.5**	**7.93**	**1.000**	**0.102**
MINIMUM					**2.0**	**9.0**	**0.018**	**175.0**	**0.50**	**6.0**	**7.50**	**1.000**	**0.040**
STD DEV (GEOM *)					**9.7**	**2.5**	**0.007**	**15.3**	**0.32**	**33.5**	**0.35**	**0.000**	**0.083**
# SAMPLES (IN STATISTICS)					**9**	**11**	**7**	**6**	**7**	**7**	**7**	**2**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 10 1235		.3	1	0.001<	0.010	0.003<	0.008	0.002<
81 03 08 1715		.3	1	0.001<	0.018	0.003<	0.007	0.002<
81 05 03 1445		.3	1	0.001<	0.001<	0.003<	0.003	0.002<
81 06 02 0830		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 07 07 1500		.3	1	0.001<	0.001	0.003<	0.001<	0.002<
81 08 04 1510		.3	1	0.001<	0.003	0.003<	0.002	0.001
81 09 01 1420		.3	1	0.001<	0.001	0.003<	0.001<	0.002<
81 10 05 1200		.3	1		0.003	0.003<	0.001<	
81 11 03 0830		.3	1	0.001<	0.003	0.003<	0.002	0.001<
81 12 02 0915		.3	1	0.001<	0.005	0.003<	0.004	0.002
MAXIMUM					**0.018**		**0.008**	**0.002**
ARITH MEAN					**0.005**		**0.004**	**0.001**
GEOM MEAN					**0.004**		**0.004**	**0.001**
MINIMUM					**0.001**		**0.002**	**0.001**
STD DEV (GEOM *)					**0.006**		**0.003**	**0.001**
# SAMPLES (IN STATISTICS)					**8**		**6**	**2**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **BELOW CARLETON PLACE**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-060-02**
STORET CODE: **02 006 2670**

LAT: LONG: U T M: **18 0411400.0 4999950.0 4** REGION: **04** DISTANCE: **45.382**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*SAMPLE*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*NNHTFR*	*COND25*	*TURB*
81 01 20 1230		.3	1	26405	24	36	0.0	12.0	0.5	0.028	0.080	220.0	0.60
81 02 10 1215		.3	1	26416	156	4	0.0	21.0					
81 03 08 1000		.3	1	26427			0.0	19.0	1.0<	0.022	0.060	175.0	1.80
81 05 03 1400		.3	1	26438	4	4	15.0	13.0	0.4	0.076	0.060	195.0	0.75
81 06 02 0750		.3	1	26449	120	20	18.0	8.0	1.0	0.026	0.050	205.0	1.30
81 07 07 1430		.3	1	26460			29.0	10.0					
81 08 04 1445		.3	1	26471	92	4<	27.0	11.0	1.0	0.064	0.090	190.0	1.10
81 09 01 1350		.3	1	26482	4	8	23.0	10.0	0.6	0.027		197.0	0.63
81 10 04 1400		.3	1	26493	24	36	9.0	11.5	0.6	0.030	0.030	215.0	0.56
81 11 02 1645		.3	1	26504	12	8	8.5	10.0	0.3	0.018	0.040	205.0	0.90
81 12 01 0720		.3	1	26515			1.5	12.0					
MAXIMUM					**156**	**36**	**29.0**	**21.0**	**1.0**	**0.076**	**0.090**	**220.0**	**1.80**
ARITH MEAN					**54**	**17**	**16.4**	**12.5**	**0.6**	**0.036**	**0.059**	**200.2**	**0.95**
GEOM MEAN					**26**	**11**	**12.4**	**12.0**	**0.6**	**0.032**	**0.055**	**199.8**	**0.88**
MINIMUM					**4**	**4**	**1.5**	**8.0**	**0.3**	**0.018**	**0.030**	**175.0**	**0.56**
STD DEV (GEOM *)					**4***	**3***	**9.7**	**4.0**	**0.3**	**0.021**	**0.021**	**14.3**	**0.43**
# SAMPLES (IN STATISTICS)					**8**	**7**	**8**	**11**	**7**	**8**	**7**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 01 20 1230		.3	1	4.000	94.0	7.20	1.000<				
81 02 10 1215		.3	1						0.007	0.003<	0.011
81 03 08 1000		.3	1	3.000	71.0	7.60			0.002	0.003<	0.008
81 05 03 1400		.3	1	4.300	86.0	8.30	1.000		0.007	0.003<	0.001<
81 06 02 0750		.3	1	4.500	91.0	7.80		0.050	0.001<	0.003<	0.001<
81 07 07 1430		.3	1						0.002	0.003<	0.001<
81 08 04 1445		.3	1	4.500	91.0	8.90			0.002	0.003<	0.001<
81 09 01 1350		.3	1	3.050	8.0	8.27			0.001<	0.003<	0.001<
81 10 04 1400		.3	1	4.000	103.0	7.70	1.000<		0.003	0.003<	0.002
81 11 02 1645		.3	1	3.000	99.0	7.50			0.002	0.004	0.004
81 12 01 0720		.3	1						0.029	0.003<	0.013
MAXIMUM				**4.500**	**103.0**	**8.90**	**1.000**	**0.050**	**0.029**	**0.004**	**0.013**
ARITH MEAN				**3.794**	**80.4**	**7.91**	**1.000**	**0.050**	**0.007**	**0.004**	**0.008**
GEOM MEAN				**3.740**	**66.6**	**7.89**			**0.004**		**0.006**
MINIMUM				**3.000**	**8.0**	**7.20**	**1.000**	**0.050**	**0.002**	**0.004**	**0.002**
STD DEV (GEOM *)				**0.671**	**30.8**	**0.55**			**0.009**		**0.005**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**1**	**1**	**8**	**1**	**5**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **AT DALHOUSIE LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-175-02**
STORET CODE: **02 006 2670**

LAT: LONG: U T M: **18 0378675.0 4980850.0 4** REGION: **04** DISTANCE: **102.995**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 19 1400		.3	1	26401	0.0	15.0	0.020	138.0	0.60	54.0	7.40	1.000<	0.350
81 02 09 1330		.3	1	26412	0.0	15.0						1.000<	
81 03 08 1420		.3	1	26423	2.5	18.0	0.008	128.0	1.00	49.0	7.50	1.000<	0.150
81 05 03 1130		.3	1	26434	11.0	14.0	0.012			54.0			0.100
81 06 01 1240		.3	1	26445	18.0	12.0	0.014	136.0	0.90	55.5	7.90		0.150
81 07 07 1130		.3	1	26456	27.0	12.0							
81 08 04 1240		.3	1	26467	26.0	11.0	0.020	134.0	1.60	57.0	8.10	1.000	0.400
81 09 01 1145		.3	1	26478	22.0	10.5	0.017		0.72	5.0	8.09	1.000<	0.030
81 10 04 1140		.3	1	26489	12.0	10.0						1.000<	
81 11 02 1355		.3	1	26500	9.0	11.0	0.010	140.0	0.75	61.0	7.80		0.100
81 12 01 1400		.3	1	26511	2.0	13.5							
MAXIMUM					**27.0**	**18.0**	**0.020**	**140.0**	**1.60**	**61.0**	**8.10**	**1.000**	**0.400**
ARITH MEAN					**14.4**	**12.9**	**0.014**	**135.2**	**0.93**	**47.9**	**7.80**	**1.000**	**0.183**
GEOM MEAN					**10.6**	**12.7**	**0.014**	**135.1**	**0.88**	**39.0**	**7.79**		**0.138**
MINIMUM					**2.0**	**10.0**	**0.008**	**128.0**	**0.60**	**5.0**	**7.40**	**1.000**	**0.030**
STD DEV (GEOM *)					**9.4**	**2.4**	**0.005**	**4.6**	**0.36**	**19.3**	**0.29**		**0.138**
# SAMPLES (IN STATISTICS)					**9**	**11**	**7**	**5**	**6**	**7**	**6**	**1**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 19 1400		.3	1	0.001<	0.009	0.004	0.057	0.003<
81 02 09 1330		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 03 08 1420		.3	1	0.001<	0.024	0.003<	0.005	0.002<
81 05 03 1130		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 06 01 1240		.3	1	0.001<	0.001	0.003<	0.005	0.001
81 07 07 1130		.3	1	0.001<	0.001	0.003<	0.004	0.002<
81 08 04 1240		.3	1	0.001<	0.002	0.003<	0.005	0.001
81 09 01 1145		.3	1	0.001<	0.001<	0.003<	0.001<	0.002<
81 10 04 1140		.3	1		0.003	0.003<	0.001<	
81 11 02 1355		.3	1	0.001<	0.002	0.003<	0.001	0.001<
81 12 01 1400		.3	1	0.001<	0.006	0.003<	0.001	0.002<
MAXIMUM					**0.024**	**0.004**	**0.057**	**0.001**
ARITH MEAN					**0.006**	**0.004**	**0.011**	**0.001**
GEOM MEAN					**0.003**		**0.004**	**0.001**
MINIMUM					**0.001**	**0.004**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.008**		**0.020**	**0.000**
# SAMPLES (IN STATISTICS)					**8**	**1**	**7**	**2**

B.O.W./ SITE: **MISSISSIPPI RIVER**
SAMPLE POINT: **AT MAZINAW LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-230-02**
STORET CODE: **02 006 2670**

LAT: LONG: U.T.M.: **18 0328500.0 4968350.0 4** REGION: **04** DISTANCE: **169.298**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 19 1200		.3	1	26400	0.0	14.0	0.014	77.0	0.55	21.0	7.00	1.000<	0.250
81 02 09 1130		.3	1	26411	0.0	15.0						1.000<	
81 03 08 1230		.3	1	26422	3.5	17.0	0.008	72.0	1.10	19.0	7.40	1.000<	0.250
81 05 03 0950		.3	1	26433	9.0	17.0	0.008			20.0			0.300
81 06 01 1030		.3	1	26444	16.0	10.0	0.008	74.0	0.52	19.5	7.20		0.050<
81 07 07 1000		.3	1	26455	25.0	12.0							
81 08 04 1020		.3	1	26466	24.0	9.0	0.010	74.0	0.65	23.0	7.80	1.000	0.100
81 09 01 1000		.3	1	26477	21.0	10.0	0.008		0.46	5.0	7.98	1.000	0.020
81 10 04 0930		.3	1	26488	12.0	11.0						1.000<	
81 11 02 1120		.3	1	26499	10.0	13.0	0.004	80.0	0.37	26.0	7.60		0.150
81 12 01 1130		.3	1	26510	4.0	13.0							
MAXIMUM					**25.0**	**17.0**	**0.014**	**80.0**	**1.10**	**26.0**	**7.98**	**1.000**	**0.300**
ARITH MEAN					**13.8**	**12.8**	**0.009**	**75.4**	**0.61**	**19.1**	**7.50**	**1.000**	**0.178**
GEOM MEAN					**11.3**	**12.6**	**0.008**	**75.3**	**0.57**	**17.3**	**7.49**	**1.000**	**0.133**
MINIMUM					**3.5**	**9.0**	**0.004**	**72.0**	**0.37**	**5.0**	**7.00**	**1.000**	**0.020**
STD DEV (GEOM *)					**8.1**	**2.8**	**0.003**	**3.1**	**0.26**	**6.7**	**0.37**	**0.000**	**0.107**
# SAMPLES (IN STATISTICS)					**9**	**11**	**7**	**5**	**6**	**7**	**6**	**2**	**6**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 19 1200		.3	1	0.001<	0.011	0.004	0.007	0.003<
81 02 09 1130		.3	1	0.001<	0.009	0.004	0.031	0.002<
81 03 08 1230		.3	1	0.001<	0.012	0.003<	0.006	0.002<
81 05 03 0950		.3	1	0.001<	0.001<	0.003<	0.003	0.002
81 06 01 1030		.3	1	0.001<	0.002	0.014	0.0002<	0.001
81 07 07 1000		.3	1	0.001<	0.001	0.003<	0.005	0.002<
81 08 04 1020		.3	1	0.001<	0.001	0.003<	0.003	0.001
81 09 01 1000		.3	1	0.001<	0.001<	0.003<	0.001	0.002<
81 10 04 0930		.3	1		0.002	0.003<	0.001 <	
81 11 02 1120		.3	1	0.001<	0.001	0.003<	0.003	0.001<
81 12 01 1130		.3	1	0.001<	0.012	0.003<	0.003	0.002<
MAXIMUM					**0.012**	**0.014**	**0.031**	**0.002**
ARITH MEAN					**0.006**	**0.007**	**0.006**	**0.001**
GEOM MEAN					**0.003**	**0.006**	**0.004**	**0.001**
MINIMUM					**0.001**	**0.004**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.005**	**0.006**	**0.009**	**0.001**
# SAMPLES (IN STATISTICS)					**9**	**3**	**9**	**3**

B.O.W./ SITE: **CLYDE RIVER**
SAMPLE POINT: **BELOW LANARK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-520-02**
STORET CODE: **02 006 2670**

LAT: LONG: U.T.M.: **18 0392425.0 4985000.0 4** REGION: **04** DISTANCE: **86.902**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH
TEST-NAME:				*SAMPLE*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*
81 01 19 1445		.3	1	26403			0.0	13.0	0.044	265.0	0.80	121.0	7.30
81 02 09 1400		.3	1	26414			0.0	17.0					
81 03 08 1550		.3	1	26425			2.0	10.0	0.006	195.0	1.00	81.0	7.90
81 05 03 1220		.3	1	26436			12.5	14.0	0.014	230.0	1.20	109.0	8.30
81 06 01 1430		.3	1	26447			21.0	10.0	0.020	230.0	1.00	112.0	8.00
81 07 07 1215		.3	1	26458			26.0	12.0					
81 08 04 1325		.3	1	26469	4	4<	25.0	11.0	0.020	230.0	1.00	116.0	7.80
81 09 01 1235		.3	1	26480	100	16	22.0	10.0	0.019		0.56	4.0	7.77
81 10 04 1230		.3	1	26491	8	16	10.0	12.0	0.026	250.0	0.44	126.0	7.90
81 11 02 1455		.3	1	26502	24	8	7.0	13.0	0.016	210.0	0.75	106.0	7.70
81 12 01 1500		.3	1	26513			1.0	14.0					
MAXIMUM					**100**	**16**	**26.0**	**17.0**	**0.044**	**265.0**	**1.20**	**126.0**	**8.30**
ARITH MEAN					**34**	**13**	**14.1**	**12.4**	**0.021**	**230.0**	**0.84**	**96.9**	**7.83**
GEOM MEAN					**17**	**13**	**9.3**	**12.2**	**0.018**	**229.0**	**0.81**	**72.2**	**7.83**
MINIMUM					**4**	**8**	**1.0**	**10.0**	**0.006**	**195.0**	**0.44**	**4.0**	**7.30**
STD DEV (GEOM *)					**4***	**1***	**9.7**	**2.2**	**0.011**	**23.3**	**0.25**	**39.9**	**0.28**
# SAMPLES (IN STATISTICS)					**4**	**3**	**9**	**11**	**8**	**7**	**8**	**8**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*PHNOL*	*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 19 1445		.3	1	1.000<	0.250	0.001<	0.009	0.003	0.033	0.003<
81 02 09 1400		.3	1	1.000<		0.001<	0.001<	0.003<	0.001	0.002<
81 03 08 1550		.3	1	1.000<	0.100	0.001<	0.010	0.003<	0.003	0.002<
81 05 03 1220		.3	1	1.000	0.150	0.001<	0.001<	0.003<	0.001 <	0.002<
81 06 01 1430		.3	1		0.100	0.001<	0.003	0.003<	0.0002<	0.001
81 07 07 1215		.3	1			0.001<	0.001	0.003<	0.003	0.002<
81 08 04 1325		.3	1	1.000<	0.050<	0.001<	0.002	0.003<	0.002	0.001
81 09 01 1235		.3	1	1.000<	0.060	0.001<	0.001	0.003<	0.001 <	0.002<
81 10 04 1230		.3	1	1.000<	0.150	0.001<	0.012	0.003<	0.007	0.001<
81 11 02 1455		.3	1		0.250	0.001<	0.003	0.003<	0.002	0.001<
81 12 01 1500		.3	1			0.001<	0.002	0.003<	0.001 <	0.002<
MAXIMUM				**1.000**	**0.250**		**0.012**	**0.003**	**0.033**	**0.001**
ARITH MEAN				**1.000**	**0.151**		**0.005**	**0.003**	**0.007**	**0.001**
GEOM MEAN					**0.136**		**0.003**		**0.003**	**0.001**
MINIMUM				**1.000**	**0.060**		**0.001**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.074**		**0.004**		**0.011**	**0.000**
# SAMPLES (IN STATISTICS)				**1**	**7**		**9**	**1**	**7**	**2**

B.O.W./ SITE: **CLYDE RIVER**
SAMPLE POINT: **ABOVE LANARK**
STATION TYPE: **RIVER FLOW GAUGE FED 02KF010**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-530-02**
STORET CODE: **02 006 2670**

LAT: LONG: U.T.M: **18 0392500.0 4987000.0 4** REGION: **04** DISTANCE: **90.121**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL
TEST-NAME:				*SAMPLE*	*FWFLOW*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*
81 01 19 1510		.3	1	26404	2.630	0.0	12.0	0.032	265.0	0.70	120.0	7.50	1.000<
81 02 09 1445		.3	1	26415	2.160	0.0	15.0						1.000<
81 03 08 1600		.3	1	26426	21.400	2.0	16.0	0.008	195.0	0.72	82.0	7.70	1.000<
81 05 03 1300		.3	1	26437	6.370	13.0	12.0	0.030	230.0	1.20	108.0	8.00	1.000
81 06 01 1400		.3	1	26448	6.620	23.0	9.0	0.018	255.0	1.00	122.0	7.60	
81 07 07 1300		.3	1	26459	5.040	28.0	11.0						
81 08 04 1340		.3	1	26470	1.160	26.0	10.5	0.016	230.0	1.00	116.0	7.90	1.000<
81 09 01 1255		.3	1	26481	1.490	22.0	8.0	0.020		0.70	5.0	7.73	1.000<
81 10 04 1250		.3	1	26492	5.970	10.5	10.5	0.018	245.0	0.74	126.0	7.90	1.000<
81 11 02 1510		.3	1	26503	21.800	8.0	13.0	0.014	210.0	0.75	105.0	7.60	
81 12 01 1515		.3	1	26514	9.260	1.0	13.0						
MAXIMUM					**21.800**	**28.0**	**16.0**	**0.032**	**265.0**	**1.20**	**126.0**	**8.00**	**1.000**
ARITH MEAN					**7.627**	**14.8**	**11.8**	**0.019**	**232.9**	**0.85**	**98.0**	**7.74**	**1.000**
GEOM MEAN					**5.044**	**9.8**	**11.6**	**0.018**	**231.7**	**0.83**	**74.9**	**7.74**	
MINIMUM					**1.160**	**1.0**	**8.0**	**0.008**	**195.0**	**0.70**	**5.0**	**7.50**	**1.000**
STD DEV (GEOM *)					**7.346**	**10.3**	**2.4**	**0.008**	**24.6**	**0.19**	**40.0**	**0.18**	
# SAMPLES (IN STATISTICS)					11	9	11	8	7	8	8	8	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*FEUT*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 19 1510		.3	1	0.150	0.001<	0.006	0.003	0.041	0.003<
81 02 09 1445		.3	1		0.001<	0.003	0.003<	0.024	0.004
81 03 08 1600		.3	1	0.100	0.001<	0.031	0.003<	0.004	0.002<
81 05 03 1300		.3	1	0.250	0.001<	0.001<	0.003<	0.001 <	0.002<
81 06 01 1400		.3	1	0.150	0.001<	0.002	0.003<	0.0002<	0.002
81 07 07 1300		.3	1		0.001<	0.002	0.003<	0.001 <	0.002<
81 08 04 1340		.3	1	0.050	0.001<	0.003	0.003<	0.001	0.001
81 09 01 1255		.3	1	0.050	0.001<	0.001<	0.003<	0.001 <	0.002<
81 10 04 1250		.3	1	0.150	0.001<	0.004	0.027	0.015	0.001<
81 11 02 1510		.3	1	0.200	0.001<	0.003	0.003	0.001	0.001<
81 12 01 1515		.3	1		0.001<	0.001<	0.003<	0.002	0.002<
MAXIMUM				**0.250**		**0.031**	**0.027**	**0.041**	**0.004**
ARITH MEAN				**0.137**		**0.007**	**0.011**	**0.012**	**0.002**
GEOM MEAN				**0.120**		**0.004**	**0.006**	**0.005**	**0.002**
MINIMUM				**0.050**		**0.002**	**0.003**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.069**		**0.010**	**0.014**	**0.015**	**0.002**
# SAMPLES (IN STATISTICS)				8		8	3	7	3

B.O.W./ SITE: **BENNETT LAKE OUTLET**
SAMPLE POINT: **AT OUTLET DAM NEAR FALLBROOK**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MISSISSIPPI RIVER**

STATION ID: **18-3430-610-02**
STORET CODE: **02 006 2670**

LAT: LONG: U.T.M: **18 0388700.0 4977900.0 4** REGION: **04** DISTANCE: **88.351**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*PPUT*	*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*
81 01 19 1420		.3	1	26402	0.0	10.0	0.022	240.0	0.55	99.0	7.20	1.000<	0.150
81 02 09 1345		.3	1	26413	0.0	15.0						1.000<	
81 03 08 1445		.3	1	26424	3.0	10.0	0.012	185.0	0.90	73.0	7.40	1.000<	0.200
81 05 03 1200		.3	1	26435	14.0	12.0	0.028	205.0	0.93	83.0	8.20	1.000	0.100
81 06 01 1300		.3	1	26446	20.0	12.0	0.014	200.0	1.20	84.0	8.00		0.050<
81 07 07 1150		.3	1	26457	28.0	12.0							
81 08 04 1300		.3	1	26468	27.0	10.0	0.012	215.0	1.00	95.0	8.10	1.000<	0.050<
81 09 01 1215		.3	1	26479	23.0	10.0	0.015		1.29	5.0	7.86	1.000<	0.020
81 10 04 1200		.3	1	26490	10.0	11.0						1.000<	
81 11 02 1430		.3	1	26501	9.0	14.0	0.018	210.0	1.00	96.0	7.80		0.100
81 12 01 1430		.3	1	26512	1.5	12.0							
MAXIMUM					**28.0**	**15.0**	**0.028**	**240.0**	**1.29**	**99.0**	**8.20**	**1.000**	**0.200**
ARITH MEAN					**15.1**	**11.6**	**0.017**	**209.2**	**0.98**	**76.4**	**7.79**	**1.000**	**0.114**
GEOM MEAN					**10.8**	**11.5**	**0.017**	**208.5**	**0.95**	**58.3**	**7.79**		**0.090**
MINIMUM					**1.5**	**10.0**	**0.012**	**185.0**	**0.55**	**5.0**	**7.20**	**1.000**	**0.020**
STD DEV (GEOM *)					**9.9**	**1.7**	**0.006**	**18.3**	**0.24**	**32.8**	**0.37**		**0.067**
# SAMPLES (IN STATISTICS)					9	11	7	6	7	7	7	1	5

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*NIUT*
81 01 19 1420		.3	1	0.001<	0.022	0.003<	0.039	0.003<
81 02 09 1345		.3	1	0.001<	0.001<	0.003<	0.040	0.002<
81 03 08 1445		.3	1	0.001<	0.020	0.003<	0.005	0.002<
81 05 03 1200		.3	1	0.001<	0.001<	0.003<	0.001 <	0.002<
81 06 01 1300		.3	1	0.001<	0.002	0.003<	0.0005	0.001
81 07 07 1150		.3	1	0.001<	0.001	0.003<	0.002	0.002<
81 08 04 1300		.3	1	0.001<	0.002	0.003<	0.002	0.002
81 09 01 1215		.3	1	0.001<	0.001<	0.003<	0.001 <	0.002<
81 10 04 1200		.3	1		0.003	0.003<	0.001 <	
81 11 02 1430		.3	1	0.001<	0.002	0.003<	0.002	0.001<
81 12 01 1430		.3	1	0.001<	0.006	0.003<	0.006	0.002<
MAXIMUM					**0.022**		**0.040**	**0.002**
ARITH MEAN					**0.007**		**0.012**	**0.001**
GEOM MEAN					**0.004**		**0.004**	**0.001**
MINIMUM					**0.001**		**0.0005**	**0.001**
STD DEV (GEOM *)					**0.009**		**0.017**	**0.001**
# SAMPLES (IN STATISTICS)					8		8	2

B.O.W. / SITE: **MADAWASKA RIVER**
SAMPLE POINT: **AT HIGHWAY NO.17 ARNPRIOR**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MADAWASKA RIVER**

STATION ID: **18-3490-020-02**
STORET CODE: **02 006 2710**

LAT: LONG: U.T.M: **18 0394350.0 5031850.0 4** REGION: **04** DISTANCE: **1.127**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*SAMPLE*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*RSP*	*COND25*	*TURB*
81 01 20 1430		.3	1	26408	0.0	13.0		0.022			1.00<	98.0	0.80
81 02 10 1315		.3	1	26419	0.0	14.0							
81 03 08 1750		.3	1	26430	1.5			0.016				104.0	1.30
81 05 03 1535		.3	1	26441	14.0	12.0	0.4	0.012		0.020		108.0	2.00
81 06 02 0915		.3	1	26452	15.5	10.5		0.018			2.00	112.0	2.70
81 07 07 1530		.3	1	26463	22.0	11.0							
81 08 04 1550		.3	1	26474	24.0	8.5		0.024	0.004		2.00	124.0	4.20
81 09 01 1505		.3	1	26485	22.0	9.5		0.018					1.68
81 10 05 1245		.3	1	26496	13.5	10.0							
81 11 03 1100		.3	1	26507	8.0	11.0		0.016	0.012		1.00	116.0	2.50
81 12 02 1045		.3	1	26518	4.0	13.0							
MAXIMUM					**24.0**	**14.0**	**0.4**	**0.024**	**0.012**	**0.020**	**2.00**	**124.0**	**4.20**
ARITH MEAN					**13.8**	**11.2**	**0.4**	**0.018**	**0.008**	**0.020**	**1.67**	**110.3**	**2.17**
GEOM MEAN					**10.6**	**11.1**		**0.018**	**0.007**		**1.59**	**110.0**	**1.93**
MINIMUM					**1.5**	**8.5**	**0.4**	**0.012**	**0.004**	**0.020**	**1.00**	**98.0**	**0.80**
STD DEV (GEOM *)					**8.1**	**1.7**		**0.004**	**0.006**		**0.58**	**9.2**	**1.11**
# SAMPLES (IN STATISTICS)					**9**	**10**	**1**	**7**	**2**	**1**	**3**	**6**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*CLIDUR*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*COLAP*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*
81 01 20 1430		.3	1		33.0	7.30	1.000<	0.350	27.000	0.001<	0.008	0.003<	0.100
81 02 10 1315		.3	1				1.000<			0.001<	0.008	0.003<	0.007
81 03 08 1750		.3	1		34.0	7.30	1.000<	0.250		0.001<	0.007	0.003<	0.004
81 05 03 1535		.3	1	4.500	36.0	7.70	1.000			0.001<	0.001	0.003<	0.002
81 06 02 0915		.3	1		39.5	7.30		0.150	23.000	0.001<	0.001<	0.003<	0.001<
81 07 07 1530		.3	1							0.001<	0.001<	0.003<	0.001
81 08 04 1550		.3	1		48.0	7.60	1.000<	0.150		0.001<	0.001	0.003<	0.005
81 09 01 1505		.3	1		4.0	7.66	1.000<	0.130	35.000	0.001<	0.001<	0.003<	0.001<
81 10 05 1245		.3	1				1.000<			0.001<	0.001	0.003<	0.003
81 11 03 1100		.3	1		45.0	7.60			33.000	0.001<	0.009	0.003<	0.001<
81 12 02 1045		.3	1							0.001<	0.005	0.003<	0.001
MAXIMUM				**4.500**	**48.0**	**7.70**	**1.000**	**0.350**	**35.000**		**0.009**		**0.100**
ARITH MEAN				**4.500**	**34.2**	**7.49**	**1.000**	**0.206**	**29.500**		**0.005**		**0.015**
GEOM MEAN					**28.1**	**7.49**		**0.191**	**29.102**		**0.003**		**0.004**
MINIMUM				**4.500**	**4.0**	**7.30**	**1.000**	**0.130**	**23.000**		**0.001**		**0.001**
STD DEV (GEOM *)					**14.4**	**0.19**		**0.093**	**5.508**		**0.004**		**0.034**
# SAMPLES (IN STATISTICS)				**1**	**7**	**7**	**1**	**5**	**4**		**8**		**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	PCB TOTAL NG/L
TEST-NAME:				*NIUT*	*P1PCBT*
81 01 20 1430		.3	1	0.003<	
81 02 10 1315		.3	1	0.002<	
81 03 08 1750		.3	1	0.002<	20<W
81 05 03 1535		.3	1	0.002<	
81 06 02 0915		.3	1	0.002<	
81 07 07 1530		.3	1	0.002<	
81 08 04 1550		.3	1	0.001<	
81 09 01 1505		.3	1	0.002<	20<W
81 10 05 1245		.3	1	0.001<	20<W
81 11 03 1100		.3	1	0.002<	20<W
81 12 02 1045		.3	1	0.002<	
MAXIMUM					
ARITH MEAN					
GEOM MEAN					
MINIMUM					
STD DEV (GEOM *)					
# SAMPLES (IN STATISTICS)					

B.O.W. / SITE: **BONNECHERE RIVER**
SAMPLE POINT: **COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02KC009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BONNECHERE RIVER**

STATION ID: **18-3690-010-02**
STORET CODE: **02 006 2905**

LAT: LONG: U.T.M: **18 0378400.0 5041075.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	RESIDUE PARTIC. MG/L
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*NNHTFR*	*RSP*
81 01 05 1200		.3	1	25425	4	17.100			1.0	18.0	0.030	0.080	1.00
81 02 02 1300		.3	1	25427	4	15.400			1.0	17.0	0.018	0.030	2.00
81 03 02 1300		.3	1	25429	4	76.600			1.0	18.0			
81 04 06 1200		.3	1	25431	3	54.200			7.0	13.0	0.036	0.010<	10.00
81 05 04 1200		.3	1	25433	8	13.100			12.0	19.0	0.028	0.050	7.00
81 06 01 1200		.3	1	25435	6	33.200			18.0	19.0	0.032	0.040	5.00
81 07 06 1200		.3	1	25437	6	17.700			23.0	12.0			
81 08 03 1100		.3	1	25439	6	8.730			24.0	11.0	0.026	0.010	3.00
81 09 01 1200		.3	1	25441	6	10.500	12	4	21.0	11.0	0.032	0.070	1.00<
81 10 05 1100		.3	1	25443	6	20.600	20	4	9.0	13.0	0.030	0.030	3.00
81 11 02 1200		.3	1	25445	6	20.700	1040	252	5.0	14.0	0.026	0.060	3.00
81 11 30 1200		.3	1	25447	4	20.400	4	4<	2.0	15.0			
MAXIMUM						**78.600**	**1040**	**252**	**24.0**	**19.0**	**0.036**	**0.080**	**10.00**
ARITH MEAN						**25.686**	**269**	**87**	**10.3**	**15.0**	**0.029**	**0.046**	**4.25**
GEOM MEAN						**20.840**	**32**	**16**	**5.8**	**14.7**	**0.028**	**0.040**	**3.42**
MINIMUM						**8.730**	**4**	**4**	**1.0**	**11.0**	**0.018**	**0.010**	**1.00**
STD DEV (GEOM *)						**20.136**	**11***	**11***	**9.0**	**3.1**	**0.005**	**0.023**	**2.96**
# SAMPLES (IN STATISTICS)						**12**	**4**	**3**	**12**	**12**	**9**	**8**	**8**

(CONTD)

B.O.W./ SITE: **BONNECHERE RIVER**
SAMPLE POINT: **COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD**
STATION TYPE: **RIVER FLOW GAUGE FED 02KC009**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BONNECHERE RIVER**

STATION ID: **18-3690-010-02**
STORET CODE: **02 006 2905**

LAT: LONG: U T M: **18 0378400.0 5041075.0 4** REGION: **04** DISTANCE: **0.805**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COLOUR APPARENT HZU	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*COND25*	*TURB*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*COLAP*	*CUUT*	*PBUT*	*ZNUT*
81 01 05 1200	.3	1				57.0	7.10		0.100				
81 02 02 1300	.3	1		146.0		56.0	7.70	3.000	0.050<		0.080	0.003<	0.005
81 03 02 1300	.3	1						1.000<			0.005	0.010	0.004
81 04 06 1200	.3	1		180.0		70.0	7.90	1.000<	0.500		0.004	0.020	0.007
81 05 04 1200	.3	1		200.0		81.0	7.80	1.000<	0.450		0.005	0.043	0.004
81 06 01 1200	.3	1		148.0		56.0	7.50		0.300		0.004	0.010	0.005
81 07 06 1200	.3	1									0.021	0.010	0.008
81 08 03 1100	.3	1		155.0		63.0	7.80		0.250		0.012	0.031	0.010
81 09 01 1200	.3	1		142.0	1.50	56.0	7.80		0.400	21.000	0.002	0.021	0.005
81 10 05 1100	.3	1		175.0		75.0	7.70	1.000<	0.300		0.010	0.059	0.007
81 11 02 1200	.3	1		220.0		101.0	7.70	1.000<	0.350		0.006	0.006	0.011
81 11 30 1200	.3	1						1.000<			0.008	0.027	0.032
MAXIMUM				**220.0**	**1.50**	**101.0**	**7.90**	**3.000**	**0.500**	**21.000**	**0.080**	**0.059**	**0.032**
ARITH MEAN				**170.7**	**1.50**	**68.3**	**7.67**	**3.000**	**0.331**	**21.000**	**0.014**	**0.024**	**0.009**
GEOM MEAN				**168.8**		**67.0**	**7.66**		**0.303**		**0.008**	**0.019**	**0.007**
MINIMUM				**142.0**	**1.50**	**56.0**	**7.10**	**3.000**	**0.100**	**21.000**	**0.002**	**0.006**	**0.004**
STD DEV (GEOM *)				**28.3**		**15.4**	**0.24**		**0.125**		**0.022**	**0.017**	**0.008**
# SAMPLES (IN STATISTICS)				8	1	9	9	1	8	1	11	10	11

B.O.W./ SITE: **PETAWAWA RIVER**
SAMPLE POINT: **HIGHWAY 17 BRIDGE PETAWAWA**
STATION TYPE: **RIVER FLOW GAUGE FED 02KB001**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **PETAWAWA RIVER**

STATION ID: **18-4930-020-02**
STORET CODE: **02 006 4350**

LAT: LONG: U T M: **18 0322700.0 5085650.0 4** REGION: **04** DISTANCE: **2.897**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FCMF*	*FSMF*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*
81 01 06 1330	.3	1		25338	6	36.100			2.0	9.4			
81 02 03 1400	.3	1		25339	6	25.900			0.2	8.8	0.042		0.010
81 03 02 0900	.3	1		25340	6	141.000			2.0	7.5			
81 04 09 0830	.3	1		25341	6	224.000			7.0	5.6	0.096		0.020
81 05 05 1500	.3	1		25342	6	94.300			13.0	5.2			
81 06 02 1400	.3	1		25343	6	67.900			20.0	4.2			
81 07 07 0930	.3	1		25344	6	42.900			24.0	3.9			
81 07 11 1400	.3	1		25345	6	37.600	4	4<	24.0	4.3	0.010	0.002	0.020
81 09 15 1430	.3	1		25346		111.000	16	32	21.9	4.0	0.006		0.030
81 10 06 1400	.3	1		25347	6	80.800	4<	4<	15.0	8.0			
81 11 24 1400	.3	1		25349	6	46.300	16	16	5.0	6.0	0.016		0.010<
MAXIMUM						**224.000**	**16**	**32**	**24.0**	**9.4**	**0.096**	**0.002**	**0.030**
ARITH MEAN						**82.527**	**12**	**24**	**12.2**	**6.1**	**0.034**	**0.002**	**0.020**
GEOM MEAN						**67.222**	**10**	**23**	**6.8**	**5.8**	**0.021**		**0.019**
MINIMUM						**25.900**	**4**	**16**	**0.2**	**3.9**	**0.006**	**0.002**	**0.010**
STD DEV (GEOM *)						**59.045**	**2***	**2***	**9.3**	**2.0**	**0.037**		**0.008**
# SAMPLES (IN STATISTICS)						11	3	2	11	11	5	1	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*COND25*	*TURB*	*ALKT*
81 02 03 1400	.3	1									53.0		12.0
81 04 09 0830	.3	1								1.00	42.0		8.0
81 07 11 1400	.3	1		0.790	0.002	0.020	0.042	0.770	0.812		49.0	0.55	
81 09 15 1430	.3	1								1.00	49.0	0.80	13.0
81 11 24 1400	.3	1								1.00<	86.0	0.60	6.1
MAXIMUM				**0.790**	**0.002**	**0.020**	**0.042**	**0.770**	**0.812**	**1.00**	**86.0**	**0.80**	**13.0**
ARITH MEAN				**0.790**	**0.002**	**0.020**	**0.042**	**0.770**	**0.812**	**1.00**	**55.8**	**0.65**	**9.8**
GEOM MEAN										**1.00**	**54.0**	**0.64**	**9.3**
MINIMUM				**0.790**	**0.002**	**0.020**	**0.042**	**0.770**	**0.812**	**1.00**	**42.0**	**0.55**	**6.1**
STD DEV (GEOM *)										**0.00**	**17.3**	**0.13**	**3.3**
# SAMPLES (IN STATISTICS)				1	1	1	1	1	1	2	5	3	4

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			*PH*	*PHNOL*	*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 01 06 1330	.3	1					0.005	0.014	0.029
81 02 03 1400	.3	1		6.80	1.000<		0.060	0.020	0.028
81 03 02 0900	.3	1			1.000<		0.010	0.010	0.018
81 04 09 0830	.3	1		6.80	1.000<	0.300	0.004	0.003<	0.003
81 05 05 1500	.3	1					0.003	0.003<	0.002
81 06 02 1400	.3	1			1.000<		0.001	0.003<	0.002
81 07 07 0930	.3	1			1.000<		0.006	0.960	0.002
81 09 15 1430	.3	1		7.30		0.300	0.006	0.003<	0.002
81 10 06 1400	.3	1					0.004	0.003<	0.002
81 11 24 1400	.3	1		7.80	0.100<	0.150	0.001	0.003<	0.004
MAXIMUM				**7.80**		**0.300**	**0.060**	**0.960**	**0.029**
ARITH MEAN				**7.17**		**0.250**	**0.010**	**0.251**	**0.009**
GEOM MEAN				**7.16**		**0.238**	**0.005**	**0.040**	**0.005**
MINIMUM				**6.80**		**0.150**	**0.001**	**0.010**	**0.002**
STD DEV (GEOM *)				**0.48**		**0.087**	**0.018**	**0.473**	**0.011**
# SAMPLES (IN STATISTICS)				4		3	10	4	10

B.O.W./ SITE: **MATTAWA RIVER**
SAMPLE POINT: **HIGHWAY 533 BRIDGE MATTAWA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MATTAWA RIVER**

STATION ID: **18-6070-020-02**
STORET CODE: **02 006 5570**

LAT: LONG: U.T.M: **17 0676450.0 5131800.0 4** REGION: **05** DISTANCE: **0.161**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 03 28 1300		.3	1	23011	6	3.0		0.014	0.001<	0.050	0.390	0.002	0.278
81 04 19 1840		.3	1	23032	6	6.0	12.00	0.017	0.002	0.086	0.41		
81 05 31 1300		.3		23055	6	17.0	9.00	0.304	0.235	0.116	0.46		
81 06 18 1350		.3	1	23077	6	20.0	9.00	0.022	0.006	0.030	0.35		
81 07 16 0600		.3	1	23099	6	25.0	8.00	0.020	0.004	0.142	0.47		
81 08 17 2055		.3	1	23121		23.0	8.00	0.045	0.030	0.168	0.58		
81 10 04 1425		.3	1	23165	6	12.0	8.00	0.008	0.004	0.010	0.29		
81 11 09 1400		.3	1	23187	6 7	7.0	11.00	0.185	0.155	0.022	0.28		
81 12 07 1520		.3	1	23200	6	1.0	7.00	0.022	0.004	0.270	0.98		
MAXIMUM						**25.0**	**12.00**	**0.304**	**0.235**	**0.270**	**0.98**	**0.002**	**0.278**
ARITH MEAN						**12.7**	**9.00**	**0.071**	**0.055**	**0.099**	**0.46**	**0.002**	**0.278**
GEOM MEAN						**8.7**	**8.87**	**0.033**	**0.013**	**0.065**	**0.43**		
MINIMUM						**1.0**	**7.00**	**0.008**	**0.002**	**0.010**	**0.28**	**0.002**	**0.278**
STD DEV (GEOM *)						**8.9**	**1.69**	**0.103**	**0.089**	**0.085**	**0.21**		
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**8**	**9**	**9**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*	*ALKT*
81 03 28 1300		.3	1	0.330	0.340	0.670	42.0	3.0	39.000	60.0	1.40	2.900	
81 04 19 1840		.3	1		0.324			3		76	3.70	1.40	14
81 05 31 1300		.3			0.344			3		96	4.00	1.75	11
81 06 18 1350		.3	1		0.320			8		50	3.50	1.90	13
81 07 16 0600		.3	1		0.328			3		60	2.30	1.50	15
81 08 17 2055		.3	1		0.412			1.4		58	1.35	1.75	13
81 10 04 1425		.3	1		0.280					50	0.89	1.85	13
81 11 09 1400		.3	1		0.258			0.1		53	0.89	1.80	13
81 12 07 1520		.3	1		0.710			2.8		62	2.00	3.00	12
MAXIMUM				**0.330**	**0.710**	**0.670**	**42.0**	**8**	**39.000**	**96**	**4.00**	**3.00**	**15**
ARITH MEAN				**0.330**	**0.368**	**0.670**	**42.0**	**3**	**39.000**	**62**	**2.23**	**1.98**	**13**
GEOM MEAN					**0.353**			**2**		**61**	**1.92**	**1.92**	**13**
MINIMUM				**0.330**	**0.258**	**0.670**	**42.0**	**0.1**	**39.000**	**50**	**0.89**	**1.40**	**11**
STD DEV (GEOM *)					**0.135**			**2**		**14**	**1.23**	**0.57**	**1**
# SAMPLES (IN STATISTICS)				**1**	**9**	**1**	**1**	**8**	**1**	**9**	**9**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*PH*	*PHNOL*	*FEUT*	*CUUT*	*PBUT*	*ZNUT*
81 03 28 1300		.3	1	6.67					
81 04 19 1840		.3	1	7.25	1<T	0.38	0.012	0.003<	0.026
81 05 31 1300		.3		7.27	1	0.18	0.001<	0.004	0.004
81 06 18 1350		.3	1	7.04	1	0.49	0.110	0.003<	0.012
81 07 16 0600		.3	1	7.46	1<T	0.31	0.005	0.004	0.022
81 08 17 2055		.3	1	7.19	1<T	0.22	0.002	0.003<	0.007
81 10 04 1425		.3	1	6.72	1<T	0.15	0.003	0.003<	0.008
81 11 09 1400		.3	1	7.14	1<T	0.16	0.005	0.003<	0.004
81 12 07 1520		.3	1	7.33	1<T	0.22	0.002	0.003<	0.008
MAXIMUM				**7.46**	**1**	**0.49**	**0.110**	**0.004**	**0.026**
ARITH MEAN				**7.12**	**1<A**	**0.26**	**0.020**	**0.004**	**0.011**
GEOM MEAN				**7.11**	**1<A**	**0.24**	**0.006**	**0.004**	**0.009**
MINIMUM				**6.67**	**1**	**0.15**	**0.002**	**0.004**	**0.004**
STD DEV (GEOM *)				**0.27**	**0<A**	**0.12**	**0.040**	**0.000**	**0.008**
# SAMPLES (IN STATISTICS)				**9**	**8**	**8**	**7**	**2**	**8**

B.O.W./ SITE: **GIROUX LAKE**
SAMPLE POINT: **AT OUTLET NEAR COBALT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **18-6975-001-01**
STORET CODE: **02 006 6450**

LAT: LONG: U.T.M: **17 0599310.0 5245300.0 4** REGION: **05** DISTANCE: **106.697**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 03 30 1050		.3	1	22901	4	0.0		0.042	0.006	0.080	0.430	0.003	0.147
81 04 27 1230		.3	1	22003	8	10.0	10.00	0.063	0.034	0.034	0.50	0.002	0.155
81 05 25 1210		.3	1	22023		18.0	7.00	0.177		0.006	0.79		
81 06 22 1050		.3	1	22043	8	18.0	5.00	0.042	0.021	0.004	0.42	0.001	0.135
81 07 30 1720		.3	1	22063		25.0	6.00	0.040	0.000	0.002	0.44	0.067	0.027
81 09 02 1140		.3	1	22083	8	20.0	6.00	0.050	0.025	0.064	0.42	0.009	0.010
81 09 28 1400		.3	1	22103	8	12.0	7.00	0.130	0.020	0.002<	0.65	0.003	0.110
81 10 26 1100		.3	1	22123	8	5.0	8.00	0.038	0.019	0.076	0.43	0.011	0.070
81 11 22 1110		.3	1	22143	4	0.0	10.00	0.060	0.023	0.070	0.37	0.002	0.090
81 12 15 1610		3	1	22163	4	0.0	7.00	0.040	0.030	0.004	0.38		
MAXIMUM						**25.0**	**10.00**	**0.177**	**0.034**	**0.080**	**0.79**	**0.067**	**0.155**
ARITH MEAN						**15.4**	**7.33**	**0.068**	**0.022**	**0.034<A**	**0.48**	**0.012**	**0.093**
GEOM MEAN						**13.8**	**7.16**	**0.058**	**0.020**	**0.014<A**	**0.46**	**0.005**	**0.070**
MINIMUM						**5.0**	**5.00**	**0.038**	**0.006**	**0.002**	**0.37**	**0.001**	**0.010**
STD DEV (GEOM *)						**6.8**	**1.73**	**0.047**	**0.008**	**0.034<A**	**0.13**	**0.022**	**0.054**
# SAMPLES (IN STATISTICS)						**7**	**9**	**10**	**8**	**10**	**10**	**8**	**8**

(CONTD)

B.O.W./ SITE: **GIROUX LAKE**
SAMPLE POINT: **AT OUTLET NEAR COBALT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **18-6975-001-01**
STORET CODE: **02 006 6450**

LAT: LONG: U.T.M: **17 0599310.0 5245300.0 4** REGION: **05** DISTANCE: **106.697**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
81 03 30 1050		.3	1		0.230	0.350	0.580	160.0	1.0	159.000	245.0	1.30	3.650
81 04 27 1230		.3	1	0.155	0.191	0.466	0.657		3	179	275		
81 05 25 1210		.3	1	0.390		0.784	1.180		2	108	290		
81 06 22 1050		.3	1	0.135	0.140	0.416	0.556		4	179	275		
81 07 30 1720		.3	1	0.095	0.096	0.438	0.534		0.6	189	290		
81 09 02 1140		.3	1	0.020	0.083	0.356	0.439		1.4	182	280		
81 09 28 1400		.3	1	0.115	0.115	0.648	0.763		24.5	182	280		
81 10 26 1100		.3	1	0.080	0.157	0.354	0.511		0.6	169	260		
81 11 22 1110		.3	1	0.090	0.162	0.300	0.462		0.5	177	272		
81 12 15 1610		.3	1	0.250		0.376	0.630		0.2	189	290		
MAXIMUM				**0.390**	**0.230**	**0.784**	**1.180**	**160.0**	**24.5**	**189**	**290**	**1.30**	**3.650**
ARITH MEAN				**0.148**	**0.147**	**0.449**	**0.631**	**160.0**	**3**	**171**	**275**	**1.30**	**3.650**
GEOM MEAN				**0.114**	**0.139**	**0.430**	**0.606**		**1**	**169**	**275**		
MINIMUM				**0.020**	**0.083**	**0.300**	**0.439**	**160.0**	**0.2**	**108**	**245.0**	**1.30**	**3.650**
STD DEV (GEOM *)				**0.110**	**0.049**	**0.152**	**0.215**		**7**	**23**	**14**		
# SAMPLES (IN STATISTICS)				**9**	**8**	**10**	**10**	**1**	**10**	**10**	**10**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 30 1050		.3	1			7.25		0.180	0.027	0.001	0.003<	0.0004	0.002
81 04 27 1230		.3	1	25.5	105	7.87	0.02	0.440	0.020	0.001	0.003<		0.003
81 05 25 1210		.3	1	25.0	115	7.59	0.09	0.400	0.008	0.002	0.010		0.006
81 06 22 1050		.3	1	25.0	107	7.73	0.12	0.460	0.002	0.007	0.003<		0.006
81 07 30 1720		.3	1	25.5	114	7.53	0.03	0.350	0.068	0.003	0.005		0.008
81 09 02 1140		.3	1	22.5	109	7.54	0.04	0.370	0.014	0.004	0.003<		0.010
81 09 28 1400		.3	1	25.5	106	7.59	0.24	0.420	0.068	0.003	0.007		0.005
81 10 26 1100		.3	1	25.0	103	7.75	0.02	0.400	0.065	0.004	0.006		0.008
81 11 22 1110		.3	1	25.0	107	8.02	0.03	0.410	0.063	0.006	0.006		0.019
81 12 15 1610		.3	1	27.5	117	7.94	0.04	0.690	0.010	0.001	0.003<		0.006
MAXIMUM				**27.5**	**117**	**8.02**	**0.24**	**0.690**	**0.068**	**0.007**	**0.010**	**0.0004**	**0.019**
ARITH MEAN				**25.2**	**109**	**7.68**	**0.07**	**0.412**	**0.034**	**0.003**	**0.007**	**0.0004**	**0.007**
GEOM MEAN				**25.1**	**109**	**7.68**	**0.05**	**0.394**	**0.022**	**0.003**	**0.007**		**0.006**
MINIMUM				**22.5**	**103**	**7.25**	**0.02**	**0.180**	**0.002**	**0.001**	**0.005**	**0.0004**	**0.002**
STD DEV (GEOM *)				**1.3**	**5**	**0.23**	**0.07**	**0.125**	**0.028**	**0.002**	**0.002**		**0.005**
# SAMPLES (IN STATISTICS)				**9**	**9**	**10**	**9**	**10**	**10**	**10**	**5**	**1**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 03 30 1050		.3	1		0.002	0.002<
81 04 27 1230		.3	1	0.016	0.005	
81 05 25 1210		.3	1	0.076	0.004	
81 06 22 1050		.3	1	0.022	0.0040	
81 07 30 1720		.3	1	0.036	0.0080	
81 09 02 1140		.3	1	0.082	0.0020<	
81 09 28 1400		.3	1	0.052	0.0040	
81 10 26 1100		.3	1	0.014	0.0050	
81 11 22 1110		.3	1	0.016	0.0070	
81 12 15 1610		.3	1	0.046	0.0040	
MAXIMUM				**0.082**	**0.0080**	
ARITH MEAN				**0.040**	**0.004**	
GEOM MEAN				**0.033**	**0.004**	
MINIMUM				**0.014**	**0.002**	
STD DEV (GEOM *)				**0.026**	**0.001**	
# SAMPLES (IN STATISTICS)				**9**	**9**	

B.O.W./ SITE: **MONTREAL RIVER**
SAMPLE POINT: **AT HIGHWAY 11 LATCHFORD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **18-6975-003-02**
STORET CODE: **02 006 6450**

LAT: LONG: U.T.M: **17 0589950.0 5241400.0 4** REGION: **05** DISTANCE: **35.405**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 03 30 1030		.3	1	22900		0.0			0.011	0.003	0.024	0.210	0.001<
81 04 27 1200		.3	1	22001	3	4.0	12.00	0.6	0.007	0.001<W	0.010	0.26	0.003
81 05 25 1115		.3	1	22021	8	12.0	10.00	0.6	0.012	0.005	0.030	0.30	0.002
81 06 22 1020		.3	1	22041	8	18.0	8.00	0.4	0.005	0.002	0.028	0.28	0.017
81 07 30 1640		.3	1	22061	8	22.0	8.00	0.6	0.013	0.003	0.020	0.29	0.001
81 09 02 1105		.3	1	22081	8	20.0	6.00	0.4	0.010	0.002	0.028	0.25	0.001
81 09 28 1330		.3	1	22101	8	12.0	9.00	0.2<T	0.030	0.002	0.014	0.27	0.003
81 10 25 2030		.3	1	22121	8	3.0	9.00	1.0U	0.015	0.010	0.046	0.28	0.002
MAXIMUM						**22.0**	**12.00**	**1.0**	**0.030**	**0.010**	**0.046**	**0.30**	**0.017**
ARITH MEAN						**13.0**	**8.86**	**0.5<A**	**0.013**	**0.003<A**	**0.025**	**0.26**	**0.004**
GEOM MEAN						**10.5**	**8.69**	**0.5<A**	**0.011**	**0.003<A**	**0.023**	**0.26**	**0.003**
MINIMUM						**3.0**	**6.00**	**0.2**	**0.005**	**0.001**	**0.010**	**0.210**	**0.001**
STD DEV (GEOM *)						**7.5**	**1.86**	**0.3<A**	**0.008**	**0.003<A**	**0.011**	**0.02**	**0.006**
# SAMPLES (IN STATISTICS)						**7**	**7**	**7**	**8**	**8**	**8**	**8**	**7**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 03 30 1030		.3	1	0.105		0.130	0.186	0.316	46.0	2.0	44.000	68.0	0.63
81 04 27 1200		.3	1	0.105	0.110	0.118	0.250	0.368		2	44	68	
81 05 25 1115		.3	1	0.055	0.055	0.087	0.270	0.357		1 <W	43	66	
81 06 22 1020		.3	1	0.035	0.050	0.080	0.252	0.332		1	47	72	
81 07 30 1640		.3	1	0.005<T	0.005<T	0.026	0.270	0.296		1.4	46	70	
81 09 02 1105		.3	1	0.010	0.010	0.039	0.222	0.261		1.8	43	66	
81 09 28 1330		.3	1	0.005	0.010	0.022	0.256	0.278		2.3	44	68	
81 10 25 2030		.3	1	0.050	0.050	0.098	0.234	0.332		1.1	49	76	
	MAXIMUM			**0.105**	**0.110**	**0.130**	**0.270**	**0.368**	**46.0**	**2.3**	**49**	**76**	**0.63**
	ARITH MEAN			**0.046<A**	**0.041<A**	**0.082**	**0.239**	**0.321**	**46.0**	**1 <A**	**45**	**69**	**0.63**
	GEOM MEAN			**0.027<A**	**0.026<A**	**0.071**	**0.237**	**0.318**		**1 <A**	**44**	**69**	
	MINIMUM			**0.005**	**0.005**	**0.022**	**0.186**	**0.261**	**46.0**	**1**	**43**	**66**	**0.63**
	STD DEV (GEOM *)			**0.041<A**	**0.037<A**	**0.039**	**0.028**	**0.039**		**0 <A**	**2**	**3**	
	# SAMPLES (IN STATISTICS)			**8**	7	7	7	7	1	**8**	**8**	**8**	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
	TEST-NAME:			*CLIDUR*	*ALKT*	*PH*	*FEUT*	*NAUR*	*COD*	*ASUT*	*ALUT*	*CUUT*	*PBUT*
81 03 30 1030		.3	1	0.900		6.95				0.001<	0.058	0.001<	0.003<
81 04 27 1200		.3	1		21	7.51	0.15	1.2	23				
81 05 25 1115		.3	1		18	7.63	0.10	1.1	22				
81 06 22 1020		.3	1		24	7.79	0.17	2.4	27				
81 07 30 1640		.3	1		27	7.34	0.11	1.3	8				
81 09 02 1105		.3	1		21	7.51	0.09	1.2	21				
81 09 28 1330		.3	1		24	7.70	0.11	1.2	18				
81 10 25 2030		3	1		23	7.44	0.11	1.6	2				
	MAXIMUM			**0.900**	**27**	**7.79**	**0.17**	**2.4**	**27**		**0.058**		
	ARITH MEAN			**0.900**	**23**	**7.48**	**0.12**	**1.4**	**17**		**0.058**		
	GEOM MEAN				**22**	**7.48**	**0.12**	**1.4**	**14**				
	MINIMUM			**0.900**	**18**	**6.95**	**0.09**	**1.1**	**2**		**0.058**		
	STD DEV (GEOM *)				**3**	**0.26**	**0.03**	**0.5**	**9**				
	# SAMPLES (IN STATISTICS)			1	7	8	7	7	7		1		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
	TEST-NAME:			*CDUT*	*ZNUT*	*NIUT*	*COUT*
81 03 30 1030		.3	1	0.0002<	0.002	0.002<	0.002<
	MAXIMUM				**0.002**		
	ARITH MEAN				**0.002**		
	GEOM MEAN						
	MINIMUM				**0.002**		
	STD DEV (GEOM *)						
	# SAMPLES (IN STATISTICS)				1		

B.O.W./ SITE: **GIROUX LAKE**
SAMPLE POINT: **AT GLEN LAKE OUTLET**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **18-6975-004-01**
STORET CODE: **02 006 6450**

LAT: LONG: U T M: **17 0600450.0 5246900.0 4** REGION: **05** DISTANCE: **108.950**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 03 30 1105		.3	1	22903		0.0		0.090	0.010	0.142	0.400	0.007	1.040
81 04 27 1245		.3	1	22004	8	8.0	11.00	0.050	0.045	0.214	0.41	0.010	0.880
81 05 25 1225		.3	1	22024	8	17.0	8.00	0.146	0.079	0.004	0.42	0.044	0.855
81 06 22 1105		.3	1	22044	8	18.0	9.00	0.062	0.030	0.004	0.35	0.001<T	1.150
81 07 30		.3	1	22064	8	24.0	8.00	0.078	0.036	0.002	0.32	0.002	0.610
81 09 02 1200		.3	1	22084	8	21.0	9.00	0.160	0.064	0.022	0.48	0.060	0.715
81 09 28 1410		.3	1	22104	8	12.0	8.00	0.163	0.034	0.028	0.33	0.020	1.180
81 10 26 1115		.3	1	22124		5.0	10.00	0.154	0.041	0.026	0.60	0.080	1.120
81 11 22 1120		.3	1	22144	8	1.0	11.00	0.146	0.033	0.126	0.44	0.077	1.320
81 12 15 1620		.3	1	22164	4	0.0	8.00	0.042	0.032	0.004	0.33	0.003	1.200
	MAXIMUM					**24.0**	**11.00**	**0.163**	**0.079**	**0.214**	**0.60**	**0.080**	**1.320**
	ARITH MEAN					**13.2**	**9.11**	**0.109**	**0.040**	**0.057**	**0.40**	**0.030<A**	**1.007**
	GEOM MEAN					**9.6**	**9.04**	**0.098**	**0.036**	**0.019**	**0.40**	**0.013<A**	**0.981**
	MINIMUM					**1.0**	**8.00**	**0.042**	**0.010**	**0.002**	**0.32**	**0.001**	**0.610**
	STD DEV (GEOM *)					**8.1**	**1.27**	**0.049**	**0.019**	**0.075**	**0.08**	**0.032<A**	**0.231**
	# SAMPLES (IN STATISTICS)					**8**	**9**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

B.O.W./ SITE: **GIROUX LAKE**
SAMPLE POINT: **AT GLEN LAKE OUTLET**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **MONTREAL RIVER**

STATION ID: **18-6975-004-01**
STORET CODE: **02 006 6450**

LAT: LONG: U T M: **17 0600450.0 5246900.0 4** REGION: **05** DISTANCE: **108.950**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
	TEST-NAME:			NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB	CLIDUR
81 03 30 1105		.3	1		1.189	0.258	1.447	224.0	16.0	208.000	320.0	28.00	17.000
81 04 27 1245		.3	1	0.890	1.104	0.196	1.300		10	198	305		
81 05 25 1225		.3	1	0.900	0.903	0.416	1.319		4	228	350		
81 06 22 1105		.3	1	1.150	1.155	0.346	1.501		9	244	375		
81 07 30		.3	1	0.610	0.614	0.318	0.932		0.6	241	370		
81 09 02 1200		.3	1	0.775	0.797	0.458	1.255		7.5	228	350		
81 09 28 1410		.3	1	1.200	1.228	0.302	1.530		2.3	254	390		
81 10 26 1115		.3	1	1.200	1.226	0.574	1.800		3.1	234	360		
81 11 22 1120		.3	1	1.400	1.523	0.314	1.837		3.8	250	384		
81 12 15 1620		.3	1	1.200	1.207	0.326	1.533		1.3	228	350		
MAXIMUM				**1.400**	**1.523**	**0.574**	**1.837**	**224.0**	**16.0**	**254**	**390**	**28.00**	**17.000**
ARITH MEAN				**1.036**	**1.095**	**0.351**	**1.445**	**224.0**	**5**	**231**	**355**	**28.00**	**17.000**
GEOM MEAN				**1.006**	**1.064**	**0.337**	**1.422**		**3**	**230**	**354**		
MINIMUM				**0.610**	**0.614**	**0.196**	**0.932**	**224.0**	**0.6**	**198**	**305**	**28.00**	**17.000**
STD DEV (GEOM *)				**0.254**	**0.258**	**0.107**	**0.265**		**4**	**17**	**26**		
# SAMPLES (IN STATISTICS)				**9**	**10**	**10**	**10**	**1**	**10**	**10**	**10**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
	TEST-NAME:			SSO4UR	ALKT	PH	FEUT	ASUT	ALUT	CUUT	PBUT	CDUT	ZNUT
81 03 30 1105		.3	1			7.61		0.412	1.800	0.005	0.003<	0.0002<	0.009
81 04 27 1245		.3	1	26.0	111	8.08	1.02	0.650	0.260	0.001	0.003<		0.005
81 05 25 1225		.3	1	35.0	133	8.27	0.23	0.710	0.130	0.002	0.010		0.006
81 06 22 1105		.3	1	36.5	134	7.98	0.35	0.950	0.002<	0.002	0.003<		0.002
81 07 30		.3	1	37.0	133	7.65	0.01	0.980	0.097	0.005	0.004		0.007
81 09 02 1200		.3	1	33.0	122	7.68	0.20	0.900	0.040	0.003	0.003<		0.008
81 09 28 1410		.3	1	38.5	142	8.05	0.07	0.960	0.150	0.010	0.014		0.007
81 10 26 1115		.3	1	40.0	126	8.02	0.42	0.880	0.340	0.007	0.010		0.012
81 11 22 1120		.3	1	35.5	143	8.06	0.12	0.720	0.150	0.007	0.007		0.016
81 12 15 1620		.3	1	36.0	137	8.23	0.11	1.000	0.085	0.003	0.003<		0.011
MAXIMUM				**40.0**	**143**	**8.27**	**1.02**	**1.000**	**1.800**	**0.010**	**0.014**		**0.016**
ARITH MEAN				**35.3**	**131**	**7.96**	**0.28**	**0.816**	**0.339**	**0.004**	**0.009**		**0.008**
GEOM MEAN				**35.0**	**131**	**7.96**	**0.16**	**0.792**	**0.175**	**0.004**	**0.008**		**0.007**
MINIMUM				**26.0**	**111**	**7.61**	**0.01**	**0.412**	**0.040**	**0.001**	**0.004**		**0.002**
STD DEV (GEOM *)				**4.0**	**10**	**0.24**	**0.31**	**0.189**	**0.555**	**0.003**	**0.004**		**0.004**
# SAMPLES (IN STATISTICS)				**9**	**9**	**10**	**9**	**10**	**9**	**10**	**5**		**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
	TEST-NAME:			MNUT	NIUT	COUT
81 03 30 1105		.3	1		0.010	0.020
81 04 27 1245		.3	1	0.038	0.020	
81 05 25 1225		.3	1	0.036	0.010	
81 06 22 1105		.3	1	0.044	0.0060	
81 07 30		.3	1	0.006	0.0090	
81 09 02 1200		.3	1	0.034	0.0060	
81 09 28 1410		.3	1	0.014	0.0020	
81 10 26 1115		.3	1	0.026	0.0150	
81 11 22 1120		.3	1	0.030	0.0180	
81 12 15 1620		.3	1	0.030	0.0180	
MAXIMUM				**0.044**	**0.020**	**0.020**
ARITH MEAN				**0.029**	**0.011**	**0.020**
GEOM MEAN				**0.025**	**0.009**	
MINIMUM				**0.006**	**0.0020**	**0.020**
STD DEV (GEOM *)				**0.012**	**0.006**	
# SAMPLES (IN STATISTICS)				**9**	**10**	**1**

B.O.W./ SITE: **FARR CREEK**
SAMPLE POINT: **DOWNSTREAM FROM CROSSWISE LAKE**
STATION TYPE: **RIVER FLOW GAUGE FED 02JE018**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **FARR CREEK**

STATION ID: **18-7370-001-02**
STORET CODE: **02 006 6870**

LAT: LONG: U T M: **17 0603100.0 5253100.0 4** REGION: **05** DISTANCE: **5.472**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			SAMPLE	FWSTRC	FWFLOW	FWTEMP	DO	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR
81 03 30 1205		.3	1	22905		2.660	0.0		0.177	0.063	0.004	0.580	0.002
81 04 27 1310		.3	1	22006	8	1.730	8.0	12.00	0.235		0.392	0.85	0.012
81 05 25 1250		.3	1	22026	8	0.709	19.0	9.00	0.154	0.075	0.006	0.43	0.013
81 06 22 1130		.3	1	22046	8	0.453	19.0	6.00	0.155	0.070	0.004	0.60	0.001
81 07 30 1755		.3	1	22066	5	0.095	23.0	8.00	0.218	0.080	0.004	0.68	0.140
81 09 02 1220		.3	1	22086	8	0.097	21.0	8.00	0.094	0.130	0.006	0.55	0.095
81 09 28 1440		.3	1	22106	8	0.117	13.0	9.00	0.183	0.100	0.002<T	0.59	0.082
81 10 26 1140		.3	1	22126	8	0.712	4.0	11.00	0.098	0.068	0.004	0.52	0.007
81 11 22 1145		.3	1	22146	4	0.428	0.0	9.00	0.125	0.054	0.086	0.55	
81 12 15 1645		.3	1	22166	4	0.527	0.0	10.00	0.101	0.077	0.014	0.43	0.007
MAXIMUM						**2.660**	**23.0**	**12.00**	**0.235**	**0.130**	**0.392**	**0.85**	**0.140**
ARITH MEAN						**0.753**	**15.3**	**9.11**	**0.154**	**0.080**	**0.052<A**	**0.57**	**0.040**
GEOM MEAN						**0.437**	**13.3**	**8.95**	**0.147**	**0.077**	**0.010<A**	**0.56**	**0.014**
MINIMUM						**0.095**	**4.0**	**6.00**	**0.094**	**0.054**	**0.002**	**0.43**	**0.001**
STD DEV (GEOM *)						**0.824**	**7.1**	**1.76**	**0.050**	**0.023**	**0.122<A**	**0.12**	**0.052**
# SAMPLES (IN STATISTICS)						**10**	**7**	**9**	**10**	**9**	**10**	**10**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB
81 03 30 1205	.3	1		0.543		0.549	0.576	1.125	275.0	12.0	163.000	250.0	19.00
81 04 27 1310	.3	1		0.145	0.160	0.549	0.458	1.007		5	162	250	3.30
81 05 25 1250	.3	1		0.220	0.235	0.239	0.424	0.663		5	176	270	2.60
81 06 22 1130	.3	1		0.635	0.640	0.596	1.236			4	169	260	1.40
81 07 30 1755	.3	1		0.020	0.160	0.164	0.676	0.840		2.7	189	290	1.53
81 09 02 1220	.3	1		0.175	0.270	0.276	0.544	0.820		2.2	234	360	1.40
81 09 28 1440	.3	1		0.430	0.510	0.514	0.588	1.102		1.9	246	450	0.80
81 10 26 1140	.3	1		0.420	0.425	0.431	0.516	0.947		4.8	176	270	2.70
81 11 22 1145	.3	1			0.420		0.464	0.970		3.2	182	280	3.30
81 12 15 1645	.3	1		0.655	0.660	0.676	0.416	1.092		3.1	176	270	1.63
MAXIMUM				**0.655**	**0.660**	**0.676**	**0.676**	**1.236**	**275.0**	**12.0**	**246**	**450**	**19.00**
ARITH MEAN				**0.360**	**0.386**	**0.449**	**0.526**	**0.980**	**275.0**	**4**	**187**	**295**	**3.77**
GEOM MEAN				**0.255**	**0.341**	**0.408**	**0.520**	**0.966**		**3**	**185**	**290**	**2.37**
MINIMUM				**0.020**	**0.160**	**0.164**	**0.416**	**0.663**	**275.0**	**1.9**	**162**	**250.0**	**0.80**
STD DEV (GEOM *)				**0.229**	**0.192**	**0.183**	**0.085**	**0.170**		**2**	**29**	**62**	**5.42**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**10**	**10**	**1**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				CLIDUR	SSO4UR	ALKT	PH	PHNOL	FEUT	ASUT	ALUT	CRUT	CUUT
81 03 30 1205	.3	1		15.500			7.46			0.375	1.400		0.015
81 04 27 1310	.3	1		13.50	22.0	88	8.04	1	0.32		0.120	0.003	0.009
81 05 25 1250	.3	1		13.00	26.5	89	8.21	2	0.49		0.180	0.002 <	0.001<
81 06 22 1130	.3	1		9.30	18.5	95	7.64	5	0.53		0.006	0.0020<	0.008
81 07 30 1755	.3	1		6.50	27.5	99	8.92	1	0.22		0.078	0.0020	0.011
81 09 02 1220	.3	1		25.50	31.0	110	7.62	1<T	0.08		0.130	0.0020	0.005
81 09 28 1440	.3	1		37.50	192.0	111	8.20	1<T	0.10		0.100	0.0020	0.014
81 10 26 1140	.3	1		13.00	33.0	90	7.86	1<T	0.32		0.230	0.0020	0.021
81 11 22 1145	.3	1		12.50	31.5	103	8.08	1<T	0.33		0.068	0.0020	0.022
81 12 15 1645	.3	1		11.50	29.5	90	7.89	1<T	0.29		0.110	0.0020<	0.008
MAXIMUM				**37.50**	**192.0**	**111**	**8.92**	**5**	**0.53**	**0.375**	**1.400**	**0.003**	**0.022**
ARITH MEAN				**15.78**	**45.7**	**97**	**7.99**	**2<A**	**0.30**	**0.375**	**0.242**	**0.002**	**0.013**
GEOM MEAN				**14.02**	**33.6**	**97**	**7.98**	**1<A**	**0.25**		**0.112**	**0.002**	**0.011**
MINIMUM				**6.50**	**18.5**	**88**	**7.46**	**1**	**0.08**	**0.375**	**0.006**	**0.0020**	**0.005**
STD DEV (GEOM *)				**9.09**	**55.1**	**9**	**0.41**	**1<A**	**0.15**		**0.411**	**0.000**	**0.006**
# SAMPLES (IN STATISTICS)				**10**	**9**	**9**	**10**	**9**	**9**	**1**	**10**	**6**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				PBUT	ZNUT	NIUT	COUT
81 03 30 1205	.3	1		0.010	0.046	0.045	0.074
81 04 27 1310	.3	1		0.003<	0.011	0.025	
81 05 25 1250	.3	1		0.005	0.014	0.037	
81 06 22 1130	.3	1		0.003<	0.006	0.0200	
81 07 30 1755	.3	1		0.008	0.010	0.0340	
81 09 02 1220	.3	1		0.003	0.009	0.0210	
81 09 28 1440	.3	1		0.010	0.013	0.0380	
81 10 26 1140	.3	1		0.006	0.022	0.0530	
81 11 22 1145	.3	1		0.005	0.016	0.0500	
81 12 15 1645	.3	1		0.003<	0.018	0.0600	
MAXIMUM				**0.010**	**0.046**	**0.0600**	**0.074**
ARITH MEAN				**0.007**	**0.016**	**0.038**	**0.074**
GEOM MEAN				**0.006**	**0.014**	**0.035**	
MINIMUM				**0.003**	**0.006**	**0.0200**	**0.074**
STD DEV (GEOM *)				**0.003**	**0.011**	**0.013**	
# SAMPLES (IN STATISTICS)				**7**	**10**	**10**	**1**

B.O.W./ SITE: **COBALT LAKE**
SAMPLE POINT: **AT OUTLET, COBALT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **FARR CREEK**

STATION ID: **18-7370-002-01**
STORET CODE: **02 006 6870**

LAT: LONG: U T M: **17 0599350.0 5249650.0 4** REGION: **05** DISTANCE: **9.495**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR
81 03 30 1115	.3	1		22902		0.0			0.225	0.075	0.058	0.430	0.042
81 04 27 1300	.3	1		22005	8	8.0	13.00	1.2	0.135	0.065	0.038	0.36	0.002
81 05 25 1235	.3	1		22025	8	17.0	10.00	0.8	0.141	0.095	0.008	0.42	
81 06 22 1120	.3	1		22045	8	19.0	9.00	0.8	0.127	0.055	0.006	0.33	0.080
81 07 30	.3	1		22065	8	23.0	9.00	0.4	0.147	0.065	0.012	0.26	0.001<T
81 09 02 1210	.3	1		22085	8	20.0	9.00	0.8			0.006	0.32	0.001
81 09 28 1420	.3	1		22105	8	12.0	9.00	1.0	0.240	0.081	0.006	0.39	0.002
81 10 26 1115	.3	1		22125	8	5.0	10.00	1.8U	0.210	0.098	0.060	0.32	0.002
81 11 22 1135	.3	1		22145	8	1.0	9.00	1.4	0.285	0.091	0.036	0.32	0.003
81 12 15 1635	.3	1		22165	4	0.0	12.00	0.6	0.185		0.062	0.33	0.034
MAXIMUM						**23.0**	**13.00**	**1.8**	**0.285**	**0.098**	**0.062**	**0.430**	**0.080**
ARITH MEAN						**13.1**	**10.00**	**1.0**	**0.188**	**0.078**	**0.029**	**0.34**	**0.019<A**
GEOM MEAN						**9.6**	**9.91**	**0.9**	**0.181**	**0.077**	**0.019**	**0.34**	**0.005<A**
MINIMUM						**1.0**	**9.00**	**0.4**	**0.127**	**0.055**	**0.006**	**0.26**	**0.001**
STD DEV (GEOM *)						**7.9**	**1.50**	**0.4**	**0.055**	**0.016**	**0.024**	**0.05**	**0.028<A**
# SAMPLES (IN STATISTICS)						**8**	**9**	**9**	**9**	**8**	**10**	**10**	**9**

(CONTD)

B.O.W./ SITE: **COBALT LAKE**
SAMPLE POINT: **AT OUTLET, COBALT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **FARR CREEK**

STATION ID: **18-7370-002-01**
STORET CODE: **02 006 6870**

LAT: LONG: U T M: **17 0599350.0 5249650.0 4** REGION: **05** DISTANCE: **9.495**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 03 30 1115		.3	1	0.323		0.423	0.372	0.795	218.0	7.0	211.000	325.0	2.00
81 04 27 1300		.3	1	0.080	0.080	0.120	0.322	0.442		7	260	400	
81 05 25 1235		.3	1		0.110		0.412	0.530		2	260	400	
81 06 22 1120		.3	1	0.920	1.000	1.006	0.324	1.330		1	254	390	
81 07 30		.3	1	0.005<T	0.005<T	0.018	0.248	0.266		0.5	254	390	
81 09 02 1210		.3	1	0.005<T	0.005<T	0.012	0.314	0.326		8.6	234	380	
81 09 28 1420		.3	1	0.005<T	0.005<T	0.013	0.384	0.397		13.1	247	390	
81 10 26 1115		.3	1	0.030	0.030	0.092	0.260	0.352		9.0	241	370	
81 11 22 1135		.3	1	0.005<T	0.005	0.044	0.284	0.328		12.5	250	385	
81 12 15 1635		.3	1	0.015	0.050	0.111	0.268	0.379		11.0	260	400	
MAXIMUM				**0.920**	**1.000**	**1.006**	**0.412**	**1.330**	**218.0**	**13.1**	**260**	**400**	**2.00**
ARITH MEAN				**0.154<A**	**0.143<A**	**0.299**	**0.320**	**0.594**	**218.0**	**7**	**247**	**383**	**2.00**
GEOM MEAN				**0.027<A**	**0.027<A**	**0.169**	**0.316**	**0.524**		**4**	**246**	**382**	
MINIMUM				**0.005**	**0.005**	**0.044**	**0.260**	**0.328**	**218.0**	**0.5**	**211.000**	**325.0**	**2.00**
STD DEV (GEOM *)				**0.305<A**	**0.323<A**	**0.372**	**0.056**	**0.362**		**4**	**15**	**22**	
# SAMPLES (IN STATISTICS)				9	9	6	7	7	1	10	10	10	1

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FEUT*	*NAUR*	*COD*	*ASUT*	*ALUT*	*CUUT*
81 03 30 1115		.3	1	22.500			7.58				0.665	0.160	0.009
81 04 27 1300		.3	1		24.0	130	8.22	0.31	20.0	45	0.900	0.010	0.004
81 05 25 1235		.3	1		25.0	131	8.46	0.11	21.0	2	0.840	0.020	0.006
81 06 22 1120		.3	1		23.0	130	8.52	0.14	2.5	16	1.100	0.002<	0.005
81 07 30		.3	1		22.5	132	8.32	0.08	20.0	12	1.300	0.071	0.006
81 09 02 1210		.3	1		20.0	126	8.54	0.40	20.5	29	1.300	0.170	0.004
81 09 28 1420		.3	1		23.0	130	8.44	0.71		28	1.600	0.370	0.010
81 10 26 1115		.3	1		24.0	128	8.26	0.15	20.0	0	1.600	0.350	0.013
81 11 22 1135		.3	1		24.5	134	8.23	0.78	19.0	9	1.200	0.350	0.008
81 12 15 1635		.3	1		27.5		8.34	0.56		12	1.800	0.240	0.011
MAXIMUM				**22.500**	**27.5**	**134**	**8.54**	**0.78**	**21.0**	**45**	**1.800**	**0.370**	**0.013**
ARITH MEAN				**22.500**	**23.7**	**130**	**8.29**	**0.36**	**17.6**	**19**	**1.230**	**0.193**	**0.008**
GEOM MEAN					**23.6**	**130**	**8.29**	**0.27**	**14.9**	**14**	**1.179**	**0.117**	**0.007**
MINIMUM				**22.500**	**20.0**	**126**	**7.58**	**0.08**	**2.5**	**2**	**0.665**	**0.010**	**0.004**
STD DEV (GEOM *)					**2.0**	**2**	**0.28**	**0.27**	**6.7**	**14**	**0.366**	**0.143**	**0.003**
# SAMPLES (IN STATISTICS)				1	9	8	10	9	7	8	10	9	10

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*PBUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 03 30 1115		.3	1	0.003<	0.024		0.036	0.057
81 04 27 1300		.3	1	0.003<	0.015	0.060	0.033	
81 05 25 1235		.3	1	0.010	0.040	0.022	0.033	
81 06 22 1120		.3	1	0.003<	0.003	0.018	0.0250	
81 07 30		.3	1	0.006	0.010	0.018	0.0260	
81 09 02 1210		.3	1	0.003<	0.011	0.024	0.0120	
81 09 28 1420		.3	1	0.015	0.012	0.036	0.0300	
81 10 26 1115		.3	1	0.016	0.027	0.018	0.0480	
81 11 22 1135		.3	1	0.008	0.027	0.036	0.0400	
81 12 15 1635		.3	1	0.003	0.018		0.0430	
MAXIMUM				**0.016**	**0.040**	**0.060**	**0.0480**	**0.057**
ARITH MEAN				**0.010**	**0.019**	**0.029**	**0.032**	**0.057**
GEOM MEAN				**0.008**	**0.015**	**0.026**	**0.030**	
MINIMUM				**0.003**	**0.003**	**0.018**	**0.0120**	**0.057**
STD DEV (GEOM *)				**0.005**	**0.011**	**0.015**	**0.010**	
# SAMPLES (IN STATISTICS)				6	10	8	10	1

B.O.W./ SITE: **SASAGINAGA LAKE**
SAMPLE POINT: **NEAR COBALT**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **FARR CREEK**

STATION ID: **18-7370-003-01**
STORET CODE: **02 006 6870**

LAT: LONG: U T M: **17 0598350.0 5250300.0 4** REGION: **05** DISTANCE: **10.460**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 03 30 1040		.3	1	22904	4	0.0			0.015	0.003	0.082	0.340	0.003
81 04 27 1215		.3	1	22002	8	8.0	10.00	0.6	0.008	0.001<W	0.024	0.27	0.002
81 05 25 1155		.3	1	22022	8	10.0	11.00	0.6	0.020	0.011	0.086	0.43	0.002
81 06 22 1040		.3	1	22042	8	18.0	7.00	0.4	0.017			0.41	
81 07 30 1705		.3	1	22062	8	24.0	8.00	0.4	0.008	0.001	0.020	0.30	0.001<T
81 09 02 1125		.3	1	22082	8	20.0	9.00	0.4	0.007	0.001	0.050	0.36	0.001<T
81 09 28 1345		.3	1	22102	8	13.0	8.00	0.4	0.033	0.001	0.040	0.39	0.002
81 10 26 1045		.3	1	22122	8	5.0	9.00	1.0U	0.013	0.005	0.054	0.35	0.001<T
81 11 22 1005		.3	1	22142	8	1.0	10.00	0.8	0.013	0.001	0.014	0.31	0.001
81 12 15 1555		.3	1	22162	4	0.0	9.00	0.2<T	0.014	0.005	0.004	0.30	0.065
MAXIMUM						**24.0**	**11.00**	**1.0**	**0.033**	**0.011**	**0.086**	**0.43**	**0.065**
ARITH MEAN						**12.4**	**9.00**	**0.5<A**	**0.015**	**0.003<A**	**0.042**	**0.34**	**0.009<A**
GEOM MEAN						**9.0**	**8.92**	**0.5<A**	**0.013**	**0.002<A**	**0.030**	**0.34**	**0.002<A**
MINIMUM						**1.0**	**7.00**	**0.2**	**0.007**	**0.001**	**0.004**	**0.27**	**0.001**
STD DEV (GEOM *)						**7.9**	**1.22**	**0.2<A**	**0.008**	**0.003<A**	**0.029**	**0.05**	**0.021<A**
# SAMPLES (IN STATISTICS)						8	9	9	10	9	9	10	9

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 03 30 1040		.3	1	0.182		0.267	0.258	0.525	87.0	0.9	86.000	132.0	0.48
81 04 27 1215		.3	1	0.065	0.065	0.091	0.246	0.337		1 <T	91	140	
81 05 25 1155		.3	1	0.010	0.010	0.098	0.344	0.442		1	91	140	
81 06 22 1040		.3	1							2	29	45	
81 07 30 1705		.3	1	0.005<T	0.005<T	0.026	0.280	0.306		0.3	94	144	
81 09 02 1125		.3	1	0.005<T	0.005<T	0.056	0.310	0.366		1.4	95	146	
81 09 28 1345		.3	1	0.005<T	0.005	0.047	0.350	0.397		3.0	96	146	
81 10 26 1045		.3	1	0.020	0.020	0.075	0.296	0.371		0.8	94	142	
81 11 22 1005		.3	1	0.015	0.015	0.030	0.296	0.326		0.2	92	142	
81 12 15 1555		.3	1	0.005<T	0.065	0.074	0.296	0.370		0.1<W	98	150	
	MAXIMUM			**0.182**	**0.065**	**0.267**	**0.350**	**0.525**	**87.0**	**3.0**	**98**	**150**	**0.48**
	ARITH MEAN			**0.035<A**	**0.024<A**	**0.097**	**0.298**	**0.395**	**87.0**	**1 <A**	**86**	**132**	**0.48**
	GEOM MEAN			**0.014<A**	**0.014<A**	**0.079**	**0.296**	**0.391**		**0 <A**	**82**	**126**	
	MINIMUM			**0.005**	**0.005**	**0.030**	**0.246**	**0.326**	**87.0**	**0.1**	**29**	**45**	**0.48**
	STD DEV (GEOM *)			**0.058<A**	**0.026<A**	**0.078**	**0.039**	**0.069**		**0 <A**	**20**	**31**	
	# SAMPLES (IN STATISTICS)			**9**	**8**	**7**	**7**	**7**	**1**	**10**	**10**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU
TEST-NAME:				*CLIDUR*	*ALKT*	*PH*	*FWPH*	*FEUT*	*NAUR*	*COD*	*ASUT*	*ALUT*	*CUUT*
81 03 30 1040		.3	1	4.750		7.40					0.004	0.032	0.001
81 04 27 1215		.3	1		52	8.01		0.03	3.8	19			
81 05 25 1155		.3	1		51	8.11	8.00	0.02	3.8	11			
81 06 22 1040		.3	1			8.14		0.09	2.4	29			
81 07 30 1705		.3	1		54	7.92		0.02	4.0	24			
81 09 02 1125		.3	1		53	8.11		0.02	4.3	19			
81 09 28 1345		.3	1		53	8.01		0.05	3.9	16			
81 10 26 1045		.3	1		51	7.86		0.02	4.3	4			
81 11 22 1005		.3	1		55	7.81		0.05	5.1	19			
81 12 15 1555		.3	1			8.00		0.04					
	MAXIMUM			**4.750**	**55**	**8.14**	**8.00**	**0.09**	**5.1**	**29**	**0.004**	**0.032**	**0.001**
	ARITH MEAN			**4.750**	**53**	**7.94**	**8.00**	**0.04**	**3.9**	**18**	**0.004**	**0.032**	**0.001**
	GEOM MEAN				**53**	**7.93**		**0.03**	**3.9**	**16**			
	MINIMUM			**4.750**	**51**	**7.40**	**8.00**	**0.02**	**2.4**	**4**	**0.004**	**0.032**	**0.001**
	STD DEV (GEOM *)				**1**	**0.22**		**0.02**	**0.8**	**8**			
	# SAMPLES (IN STATISTICS)			**1**	**7**	**10**	**1**	**9**	**8**	**8**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*PBUT*	*ZNUT*	*NIUT*	*COUT*
81 03 30 1040		.3	1	0.003<	0.015	0.002<	0.002<
	MAXIMUM				**0.015**		
	ARITH MEAN				**0.015**		
	GEOM MEAN						
	MINIMUM				**0.015**		
	STD DEV (GEOM *)						
	# SAMPLES (IN STATISTICS)				**1**		

B.O.W./ SITE: **WABI CREEK**
SAMPLE POINT: **HIGHWAY 11 BYPASS NEAR NEW LISKEARD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **WABI CREEK**

STATION ID: **18-7450-001-02**
STORET CODE: **02 006 6970**

LAT. LONG. U T M: **17 0598800.0 5263650.0 4** REGION: **05** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 03 30 1000		.3	1	22906	4	0.0		0.985	0.150	0.018	1.940	0.042	1.160
81 04 27 1130		.3	1	22000	8	9.0	11.00	0.118	0.032	0.094	0.64	0.020	0.330
81 06 22 0955		.3	1	22040	8	19.0	8.00	0.072	0.054	0.004	0.62	0.007	0.210
81 07 30 1605		.3	1	22060	8	24.0	8.00	0.160	0.072	0.010	0.60	0.010	0.260
81 09 02 1020		.3	1	22080	8	19.0	7.00	0.110	0.068	0.006	0.52	0.008	0.255
81 09 28 1300		.3	1	22100	8	13.0	8.00	0.230	0.012	0.062	0.60	0.037	0.375
81 10 26 1010		.3	1	22120	8	3.0	8.00	0.080	0.043	0.006	0.68	0.058	0.420
81 11 22 1030		.3	1	22140	4	1.0	9.00	0.060	0.025	0.066	0.52	0.017	0.065
81 12 15 1710		.3	1	22160	4	0.0	11.00	0.172	0.050	0.006	0.35	0.003	0.155
	MAXIMUM					**24.0**	**11.00**	**0.985**	**0.150**	**0.094**	**1.940**	**0.058**	**1.160**
	ARITH MEAN					**12.6**	**8.75**	**0.221**	**0.056**	**0.030**	**0.71**	**0.022**	**0.359**
	GEOM MEAN					**8.4**	**8.65**	**0.145**	**0.045**	**0.016**	**0.63**	**0.015**	**0.273**
	MINIMUM					**1.0**	**7.00**	**0.060**	**0.012**	**0.004**	**0.35**	**0.003**	**0.065**
	STD DEV (GEOM *)					**8.7**	**1.49**	**0.292**	**0.040**	**0.034**	**0.46**	**0.019**	**0.320**
	# SAMPLES (IN STATISTICS)					**7**	**8**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 03 30 1000		.3	1		1.220	1.922	3.142	250.0	107.0	143.000	220.0	1.30	7.650
81 04 27 1130		.3	1	0.350	0.444	0.546	0.990		84		360	180.00	30.00
81 06 22 0955		.3	1	0.215	0.221	0.616	0.837		9		240	10.00	5.65
81 07 30 1605		.3	1	0.270	0.280	0.590	0.870		91.3		190	34.00	17.50
81 09 02 1020		.3	1	0.265	0.269	0.514	0.783		26.8		106	20.00	3.60
81 09 28 1300		.3	1	0.410	0.474	0.538	1.012		25.1		165	37.00	
81 10 26 1010		.3	1	0.480	0.484	0.674	1.158		20.4		250	32.00	7.45
81 11 22 1030		.3	1	0.080	0.148	0.454	0.602		5.9		270	18.80	6.85
81 12 15 1710		.3	1	0.160<T	0.164	0.344	0.508		27.1		210	20.00	4.80

(CONTD)

B.O.W./ SITE: **WABI CREEK**
SAMPLE POINT: **HIGHWAY 11 BYPASS NEAR NEW LISKEARD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **WABI CREEK**

STATION ID: **18-7450-001-02**
STORET CODE: **02 006 6970**

LAT: LONG: U T M: **17 0598800.0 5263650.0 4** REGION: **05** DISTANCE: **0.644**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL
MAXIMUM				0.480	1.220	1.922	3.142	250.0	107.0	143.000	360	180.00	30.00
ARITH MEAN				0.279<A	0.442	0.732	1.174	250.0	44	143.000	223	39.23	10.43
GEOM MEAN				0.246<A	0.364	0.651	1.028		29		212	20.73	8.17
MINIMUM				0.080	0.148	0.454	0.602	250.0	5.9	143.000	106	1.30	3.60
STD DEV (GEOM *)				0.131<A	0.338	0.486	0.812		38		71	54.03	8.97
# SAMPLES (IN STATISTICS)				8	8	8	8	1	9	1	9	9	8

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	ASUT ARSENIC UNF.TOT. MG/L AS AS	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 03 30 1000		.3	1		7.73		0.001			
81 04 27 1130		.3	1	126	7.98	1		0.005	0.003<	0.065
81 06 22 0955		.3	1	105	7.97	3		0.001<W	0.003<	0.003
81 07 30 1605		.3	1	77	7.29	2		0.008	0.003<	0.019
81 09 02 1020		.3	1	34	7.40	1		0.007	0.003<	0.009
81 09 28 1300		.3	1	61	7.00	1<T		0.007	0.033	0.017
81 10 26 1010		.3	1	98	7.81	1<T		0.010	0.003<	0.009
81 11 22 1030		.3	1	114	7.88	1<T		0.004	0.006	0.012
81 12 15 1710		.3	1	86	8.18	1<T		0.003	0.003<	0.010
MAXIMUM				126	8.18	3	0.001	0.010	0.033	0.065
ARITH MEAN				88	7.69	1<A	0.001	0.006<A	0.019	0.018
GEOM MEAN				82	7.68	1<A		0.005<A	0.014	0.013
MINIMUM				34	7.00	1	0.001	0.001	0.006	0.003
STD DEV (GEOM *)				30	0.38	1<A		0.003<A	0.019	0.020
# SAMPLES (IN STATISTICS)				8	9	8	1	8	2	8

B.O.W./ SITE: **LARDER LAKE**
SAMPLE POINT: **PUBLIC BEACH, LARDER LAKE**
STATION TYPE: **LAKE**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BLANCHE RIVER**

STATION ID: **18-7710-003-01**
STORET CODE: **02 006 7230**

LAT: LONG: U T M: **17 0595700.0 5327375.0 4** REGION: **05** DISTANCE: **82.074**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 03 29 1800		.3	1	22907	4	0.0			0.015	0.003	0.250	0.340	0.005
81 04 26		.3	1	22007	8	4.0	11.00	0.8	0.011	0.002	0.030	0.32	0.003
81 05 31 2030		.3	1	22027	8	8.0	10.00	0.4	0.007	0.002	0.036	0.31	
81 06 21 1920		.3	1	22047	8	19.0	6.00	1.0	0.076	0.061	0.074	0.46	0.048
81 07 30 2025		.3	1	22067	8	22.0	8.00	0.8	0.035		0.002	0.55	0.003
81 09 02 1500		.3	1	22087	8		12.0	0.2	0.010	0.004	0.062	0.36	0.005
81 09 28 1635		.3	1	22107	8	11.0	10.0	0.4	0.028	0.006	0.034	0.34	0.002
81 10 26 1115		.3	1	22127	8	7.0	9.00	1.0U	0.022	0.005	0.032	0.32	0.001<T
81 11 22 1310		.3	1	22147	8	3.0	9.00	0.8	0.011	0.003	0.020	0.27	0.003
81 12 15 1225		.3	1	22167	4	0.0	13.00	0.2<T	0.132	0.120	0.070	0.43	0.050
MAXIMUM						22.0	13.00	1.0	0.132	0.120	0.250	0.55	0.050
ARITH MEAN						10.6	9.7	0.6<A	0.035	0.023	0.061	0.37	0.013<A
GEOM MEAN						8.5	9.5	0.5<A	0.022	0.007	0.036	0.36	0.005<A
MINIMUM						3.0	6.00	0.2	0.007	0.002	0.002	0.27	0.001
STD DEV (GEOM *)						7.3	2.1	0.3<A	0.040	0.041	0.070	0.08	0.020<A
# SAMPLES (IN STATISTICS)						7	9	9	10	9	10	10	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 03 29 1800		.3	1	0.275		0.530	0.090	0.620	33.0	2.0	31.000	47.0	420.00
81 04 26		.3	1	0.370	0.375	0.403	0.290	0.693		2	64	98	
81 05 31 2030		.3	1		0.520		0.274	0.830		2	95	146	
81 06 21 1920		.3	1	0.385	0.435	0.507	0.386	0.893		1 <T	94	144	
81 07 30 2025		.3	1	0.175	0.180	0.180	0.548	0.728		5.5	176	270	
81 09 02 1500		.3	1	0.305	0.310	0.372	0.298	0.670		1.4	94	144	
81 09 28 1635		.3	1	0.455	0.455	0.491	0.306	0.797		1.8	94	144	
81 10 26 1115		.3	1	0.480	0.480	0.513	0.288	0.801		1.3	92	142	
81 11 22 1310		.3	1	0.420	0.425	0.443	0.250	0.693		0.5	95	146	
81 12 15 1225		.3	1	0.520	0.570	0.640	0.360	1.000		0.2	101	155	
MAXIMUM				0.520	0.570	0.640	0.548	1.000	33.0	5.5	176	270	420.00
ARITH MEAN				0.376	0.417	0.453	0.309	0.772	33.0	1 <A	93	143	420.00
GEOM MEAN				0.359	0.398	0.431	0.285	0.765		1 <A	86	133	
MINIMUM				0.175	0.180	0.180	0.090	0.620	33.0	0.2	31.000	47.0	420.00
STD DEV (GEOM *)				0.109	0.117	0.129	0.115	0.115		1 <A	35	55	
# SAMPLES (IN STATISTICS)				9	9	9	10	10	1	10	10	10	1

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				CLIDUR	SSO4UR	ALKT	PH	FWPH	PHNOL	FEUT	NAUR	COD	ASUT
81 03 29 1800		.3	1	2.950			6.93						
81 04 26		.3	1	4.20		29	7.51		2	0.12	3.4	17	0.012
81 05 31 2030		.3	1	4.45	21.0	39	8.08		1<T	0.07	5.4	15	0.022
81 06 21 1920		.3	1	4.70		40	7.88		1<T	0.13	5.2	45	0.024
81 07 30 2025		.3	1	20.00	38.5	64	7.76		1	0.28	15.0	28	0.001<
81 09 02 1500		.3	1	4.65	19.5	40	7.91	8.00	1	0.09	4.3	33	0.026
81 09 28 1635		.3	1	4.70	26.0	40	7.84		1<T	0.10	4.3	20	0.025
81 10 26 1115		.3	1	4.75	23.5	37	7.84		1<T	0.06	4.7	2	0.031
81 11 22 1310		.3	1	4.45	22.0	43	7.97		1	0.05	5.1	19	0.380
81 12 15 1225		.3	1	5.00			7.93		1<T	0.04		9	0.040
MAXIMUM				**20.00**	**38.5**	**64**	**8.08**	**8.00**	**2**	**0.28**	**15.0**	**45**	**0.380**
ARITH MEAN				**5.98**	**25.1**	**41**	**7.76**	**8.00**	**1<A**	**0.10**	**5.9**	**21**	**0.070**
GEOM MEAN				**5.10**	**24.4**	**41**	**7.76**		**1<A**	**0.09**	**5.3**	**16**	**0.034**
MINIMUM				**2.950**	**19.5**	**29**	**6.93**	**8.00**	**1**	**0.04**	**3.4**	**2**	**0.012**
STD DEV (GEOM *)				**4.95**	**6.9**	**10**	**0.33**		**0<A**	**0.07**	**3.7**	**13**	**0.126**
# SAMPLES (IN STATISTICS)				**10**	**6**	**8**	**10**	**1**	**9**	**9**	**8**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				CUUT	PBUT	ZNUT
81 04 26		.3	1	0.008	0.003<	0.007
81 05 31 2030		.3	1	0.019	0.006	0.017
81 06 21 1920		.3	1	0.019	0.003<	0.009
81 09 02 1500		.3	1	0.010	0.003<	0.011
81 09 28 1635		.3	1	0.026	0.009	0.041
81 10 26 1115		.3	1	0.025	0.003<	0.021
81 11 22 1310		.3	1	0.013	0.011	0.026
81 12 15 1225		.3	1	0.040	0.003<	0.033
MAXIMUM				**0.040**	**0.011**	**0.041**
ARITH MEAN				**0.020**	**0.009**	**0.021**
GEOM MEAN				**0.018**	**0.008**	**0.017**
MINIMUM				**0.008**	**0.006**	**0.007**
STD DEV (GEOM *)				**0.010**	**0.003**	**0.012**
# SAMPLES (IN STATISTICS)				**8**	**3**	**8**

B.O.W./ SITE: **BLANCHE RIVER**
SAMPLE POINT: **HIGHWAY 112, 8 MILES SOUTH OF SWASTIKA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BLANCHE RIVER**

STATION ID: **18-7710-004-02**
STORET CODE: **02 006 7230**

LAT: LONG: U T M: **17 0573250.0 5315950.0 4** REGION: **05** DISTANCE: **85.776**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR	NNO2FR
81 03 29 1910		.3	1	22908	4	0.0			0.045	0.017	0.014	0.200	0.056
81 04 26 2110		.3	1	22008	3	6.0	12.00	0.4	0.038	0.021	0.010	0.41	0.003
81 05 31 2145		.3	1	22028	8	11.0	9.00	0.6	0.042	0.016	0.058	0.48	0.035
81 06 21 2040		.3	1	22048	8	18.0	7.00	0.8	0.035	0.013	0.004	0.62	0.002
81 07 30 2150		.3	1	22068	8	22.0	8.00	0.6	0.050	0.016	0.002	0.40	0.002
81 09 02 1655		.3	1	22088	8	19.0	8.00	0.6	0.032	0.020	0.008	0.48	0.001
81 09 28 1810		.3	1	22108	8	12.0	8.00	0.8	0.037	0.014	0.026	0.63	0.006
81 10 26 1630		.3	1	22128	8	5.0	9.00	1.2U	0.050	0.017	0.026	0.60	0.016
81 11 22 1310		.3	1	22148	8	1.0	10.00	0.8	0.038	0.026	0.026	0.42	0.003
81 12 15 1035		.3	1	22168	4	0.0	13.00	0.4	0.061	0.029	0.006	0.49	0.003
MAXIMUM						**22.0**	**13.00**	**1.2**	**0.061**	**0.029**	**0.058**	**0.63**	**0.056**
ARITH MEAN						**11.7**	**9.33**	**0.7**	**0.043**	**0.019**	**0.018**	**0.47**	**0.013**
GEOM MEAN						**8.6**	**9.16**	**0.7**	**0.042**	**0.018**	**0.012**	**0.45**	**0.005**
MINIMUM						**1.0**	**7.00**	**0.4**	**0.032**	**0.013**	**0.002**	**0.200**	**0.001**
STD DEV (GEOM *)						**7.5**	**2.00**	**0.2**	**0.009**	**0.005**	**0.017**	**0.12**	**0.018**
# SAMPLES (IN STATISTICS)						**8**	**9**	**9**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25	TURB
81 03 29 1910		.3	1	0.364		0.434	0.186	0.620	216.0	9.0	107.000	165.0	9.80
81 04 26 2110		.3	1	0.285	0.290	0.298	0.400	0.698		8	80	123	
81 05 31 2145		.3	1	0.175	0.210	0.268	0.422	0.690		13	86	132	
81 06 21 2040		.3	1	0.145	0.145	0.151	0.616	0.767		4	78	120	
81 07 30 2150		.3	1	0.090	0.090	0.094	0.398	0.492		4.6	88	136	
81 09 02 1655		.3	1	0.190	0.190	0.199	0.472	0.671		6.3	104	160	
81 09 28 1810		.3	1	0.160	0.165	0.192	0.604	0.796		2.3	96	148	
81 10 26 1630		.3	1	0.195	0.210	0.237	0.574	0.811		2.3	77	118	
81 11 22 1310		.3	1	0.225	0.230	0.254	0.394	0.648		1.5	88	136	
81 12 15 1035		.3	1	0.335	0.340	0.344	0.484	0.828		15.8	94	145	
MAXIMUM				**0.364**	**0.340**	**0.434**	**0.616**	**0.828**	**216.0**	**15.8**	**107.000**	**165.0**	**9.80**
ARITH MEAN				**0.216**	**0.208**	**0.247**	**0.455**	**0.702**	**216.0**	**6**	**89**	**138**	**9.80**
GEOM MEAN				**0.201**	**0.196**	**0.229**	**0.435**	**0.695**		**5**	**89**	**137**	
MINIMUM				**0.090**	**0.090**	**0.094**	**0.186**	**0.492**	**216.0**	**1.5**	**77**	**118**	**9.80**
STD DEV (GEOM *)				**0.087**	**0.075**	**0.097**	**0.128**	**0.103**		**4**	**10**	**16**	
# SAMPLES (IN STATISTICS)				**10**	**9**	**10**	**10**	**10**	**1**	**10**	**10**	**10**	**1**

(CONTD)

B.O.W./ SITE: **BLANCHE RIVER**
SAMPLE POINT: **HIGHWAY 112, 8 MILES SOUTH OF SWASTIKA**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BLANCHE RIVER**

STATION ID: **18-7710-004-02**
STORET CODE: **02 006 7230**

LAT: LONG: U.T.M: **17 0573250.0 5315950.0 4** REGION: **05** DISTANCE: **85.776**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FEUT IRON UNF.TOT. MG/L AS FE	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 03 29 1910		.3	1	11.000		7.09			
81 04 26 2110		.3	1		40	7.61	0.30	4.9	36
81 05 31 2145		.3	1		39	7.94	0.46	6.1	35
81 06 21 2040		.3	1		40	7.85	0.33	4.90	29
81 07 30 2150		.3	1		46	7.70	0.26	4.7	24
81 09 02 1655		.3	1		56	7.62	0.30	4.8	25
81 09 28 1810		.3	1		51	7.84	0.27	4.6	22
81 10 26 1630		.3	1		34	7.29	0.25	4.2	29
81 11 22 1310		.3	1		47	7.83	0.17	5.9	25
81 12 15 1035		.3	1		44	7.92	0.45	5.4	23
MAXIMUM				**11.000**	**56**	**7.94**	**0.46**	**6.1**	**36**
ARITH MEAN				**11.000**	**44**	**7.67**	**0.31**	**5.0**	**28**
GEOM MEAN					**44**	**7.66**	**0.30**	**5.0**	**27**
MINIMUM				**11.000**	**34**	**7.09**	**0.17**	**4.2**	**22**
STD DEV (GEOM *)					**7**	**0.28**	**0.09**	**0.6**	**5**
# SAMPLES (IN STATISTICS)				**1**	**9**	**10**	**9**	**9**	**9**

B.O.W./ SITE: **BLANCHE RIVER**
SAMPLE POINT: **AT BRIDGE ON ROSEGROVE BEACH ROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BLANCHE RIVER**

STATION ID: **18-7710-009-02**
STORET CODE: **02 006 7230**

LAT: LONG: U.T.M: **17 0569375.0 5319725.0 4** REGION: **05** DISTANCE: **96.719**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 04 26 2050		.3	1	22009	3	8.0	11.00	0.8	0.056	0.012	0.076	0.65	0.006
81 05 31 2120		.3	1	22029	8	15.0	9.00	0.8	0.088	0.030	0.058	0.48	0.011
81 06 21 2025		.3	1	22049	8	19.0	7.00	1.0	0.102	0.057	0.004	0.60	0.003
81 07 30 2135		.3	1	22069	8	22.0	9.00	0.6	0.162	0.130	0.002	0.48	0.059
81 09 02 1640		.3	1	22089	5	19.0	7.00	0.6	0.165	0.135	0.006	0.50	0.063
81 09 28 1755		.3	1	22109	5	9.0	13.0	0.8	0.192	0.140	0.002<T	0.73	0.047
81 10 26 1615		.3	1	22129	8	4.0	12.00	1.4U	0.058	0.027	0.020	0.68	0.039
81 11 22 1425		.3	1	22149	4	0.0	14.00	0.8	0.053	0.027	0.070	0.55	0.066
81 12 15 1100		.3	1	22169	4	0.0	11.00	0.6	0.118	0.080	0.006	0.48	0.005
MAXIMUM						**22.0**	**14.00**	**1.4**	**0.192**	**0.140**	**0.076**	**0.73**	**0.066**
ARITH MEAN						**13.7**	**10.3**	**0.8**	**0.110**	**0.071**	**0.027<A**	**0.57**	**0.033**
GEOM MEAN						**11.9**	**10.0**	**0.8**	**0.099**	**0.052**	**0.012<A**	**0.57**	**0.020**
MINIMUM						**4.0**	**7.00**	**0.6**	**0.053**	**0.012**	**0.002**	**0.48**	**0.003**
STD DEV (GEOM *)						**6.8**	**2.5**	**0.3**	**0.052**	**0.052**	**0.031<A**	**0.10**	**0.027**
# SAMPLES (IN STATISTICS)						**7**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	ALKT ALK TOTAL MG/L AS CACO3	PH PH
81 04 26 2050		.3	1	0.135	0.140	0.217	0.574	0.791	11	70	108	32	7.46
81 05 31 2120		.3	1	0.135	0.145	0.204	0.422	0.626	45	84	130	42	7.97
81 06 21 2025		.3	1	0.260	0.265	0.267	0.596	0.863	29	90	138	44	7.82
81 07 30 2135		.3	1	0.120	0.180	0.181	0.478	0.659	6.9	114	175	56	7.97
81 09 02 1640		.3	1	0.135	0.200	0.204	0.494	0.698	2.2	143	220	69	7.82
81 09 28 1755		.3	1	0.810	0.855	0.859	0.728	1.587	9.8	163	250	68	8.00
81 10 26 1615		.3	1	0.270	0.310	0.329	0.660	0.989	11.7	111	170	40	7.39
81 11 22 1425		.3	1	0.265	0.330	0.401	0.480	0.881	13.6	104	160	47	7.84
81 12 15 1100		.3	1	0.705	0.710	0.716	0.474	1.190	8.7	104	160	45	7.80
MAXIMUM				**0.810**	**0.855**	**0.859**	**0.728**	**1.587**	**45**	**163**	**250**	**69**	**8.00**
ARITH MEAN				**0.315**	**0.348**	**0.375**	**0.545**	**0.920**	**15**	**109**	**168**	**49**	**7.79**
GEOM MEAN				**0.245**	**0.284**	**0.320**	**0.537**	**0.882**	**11**	**106**	**163**	**48**	**7.78**
MINIMUM				**0.120**	**0.140**	**0.181**	**0.422**	**0.626**	**2.2**	**70**	**108**	**32**	**7.39**
STD DEV (GEOM *)				**0.260**	**0.258**	**0.246**	**0.101**	**0.306**	**13**	**29**	**44**	**13**	**0.22**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: FEUT IRON UNF.TOT. MG/L AS FE	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O
81 04 26 2050		.3	1	0.48	3.8	28
81 05 31 2120		.3	1	1.75	5.6	75
81 06 21 2025		.3	1	1.60	3.5	34
81 07 30 2135		.3	1	0.47	7.7	16
81 09 02 1640		.3	1	0.56	10.8	31
81 09 28 1755		.3	1	0.61		26
81 10 26 1615		.3	1	0.60	7.3	18
81 11 22 1425		.3	1	0.49	7.7	35
81 12 15 1100		.3	1	0.46	6.8	27
MAXIMUM				**1.75**	**10.8**	**75**
ARITH MEAN				**0.78**	**6.6**	**32**
GEOM MEAN				**0.68**	**6.3**	**29**
MINIMUM				**0.46**	**3.5**	**16**
STD DEV (GEOM *)				**0.51**	**2.4**	**17**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**

B.O.W. / SITE: **AMIKOUGAMI CREEK**
SAMPLE POINT: **AT HIGHWAY NO. 66**
STATION TYPE: **RIVER**

MAJOR BASIN: **GREAT LAKES**
MINOR BASIN: **OTTAWA RIVER**
TERM STREAM: **BLANCHE RIVER**

STATION ID: **18-7710-010-02**
STORET CODE: **02 006 7230**

LAT: LONG: U.T.M: **17 0567775.0 5329700.0 4** REGION: **05** DISTANCE: **104.605**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*
81 03 29 1855		.3	1	22909		0.0		0.010	0.005	0.328	0.870	0.047	0.393
81 04 26 2032		.3	1	22010	8	9.0	10.00	0.017	0.002	0.064	0.46	0.008	0.115
81 05 31 2100		.3	1	22030	8	12.0	9.00	0.015	0.004	0.044	0.32	0.031	0.100
81 06 21 2000		.3	1	22050	8	18.0	9.00	0.070	0.008	0.006	0.52	0.010	0.230
81 07 31 2110		.3	1	22070	8	22.0	7.00	0.023	0.010	0.002	0.38	0.002	0.400
81 09 02 1615		.3	1	22090	8	19.0	7.00	0.012	0.003	0.018	0.55	0.073	0.175
81 09 28 1735		.3	1	22110	8	12.0	7.00	0.032	0.005	0.006	0.51	0.052	0.185
81 10 26 1555		.3	1	22130	8	3.0	10.00	0.030	0.004	0.082	0.60	0.038	0.100
81 11 22 1405		.3	1	22150	8	1.0	8.00	0.013	0.001	0.134	0.60	0.024	0.210
81 12 15 1125		.3	1	22170	4	0.0	8.00	0.015	0.001	0.012	0.56	0.180	0.370
MAXIMUM						**22.0**	**10.00**	**0.070**	**0.010**	**0.328**	**0.870**	**0.180**	**0.400**
ARITH MEAN						**12.0**	**8.33**	**0.024**	**0.004**	**0.070**	**0.53**	**0.046**	**0.228**
GEOM MEAN						**8.6**	**8.25**	**0.020**	**0.003**	**0.026**	**0.51**	**0.026**	**0.200**
MINIMUM						**1.0**	**7.00**	**0.010**	**0.001**	**0.002**	**0.32**	**0.002**	**0.100**
STD DEV (GEOM *)						**7.5**	**1.22**	**0.018**	**0.003**	**0.100**	**0.14**	**0.052**	**0.119**
# SAMPLES (IN STATISTICS)						**8**	**9**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*	*CLIDUR*
81 03 29 1855		.3	1		0.768	0.542	1.310	184.0	8.0	176.000	270.0	5.40	25.000
81 04 26 2032		.3	1	0.125	0.187	0.396	0.583		5	88	136	2.50	
81 05 31 2100		.3	1	0.130	0.175	0.276	0.451		3	91	140	1.20	
81 06 21 2000		.3	1	0.240	0.246	0.514	0.760		3	111	170	0.80	
81 07 31 2110		.3	1	0.400	0.404	0.378	0.782		6.5	96	148	1.31	
81 09 02 1615		.3	1	0.250	0.266	0.532	0.798		3.3	333	510	1.40	
81 09 28 1735		.3	1	0.235	0.243	0.504	0.747		2.6	208	320	2.20	
81 10 26 1555		.3	1	0.140	0.220	0.518	0.738		2.6	104	160	2.20	
81 11 22 1405		.3	1	0.235	0.368	0.466	0.834		1.7	130	200	2.20	
81 12 15 1125		.3	1	0.550	0.562	0.548	1.110		2.5	156	240	1.57	
MAXIMUM				**0.550**	**0.768**	**0.548**	**1.310**	**184.0**	**8.0**	**333**	**510**	**5.40**	**25.000**
ARITH MEAN				**0.256**	**0.344**	**0.467**	**0.811**	**184.0**	**3**	**149**	**229**	**2.08**	**25.000**
GEOM MEAN				**0.228**	**0.307**	**0.458**	**0.780**		**3**	**136**	**209**	**1.82**	
MINIMUM				**0.125**	**0.175**	**0.276**	**0.451**	**184.0**	**1.7**	**88**	**136**	**0.80**	**25.000**
STD DEV (GEOM *)				**0.139**	**0.190**	**0.089**	**0.243**		**2**	**75**	**116**	**1.29**	
# SAMPLES (IN STATISTICS)				**9**	**10**	**10**	**10**	**1**	**10**	**10**	**10**	**10**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*,PBUT*	*CDUT*	*ZNUT*
81 03 29 1855		.3	1			7.20		0.001	0.390	0.170	0.003<	0.0002<	0.015
81 04 26 2032		.3	1	21.0		7.44	0.17			0.012	0.003<		0.056
81 05 31 2100		.3	1	18.5	36	7.86	0.17		0.081	0.011	0.008		0.008
81 06 21 2000		.3	1	21.5	40	7.52	0.16		0.039	0.012	0.003<		0.004
81 07 31 2110		.3	1	22.0	40	7.74	0.28		0.190	0.020	0.004		0.006
81 09 02 1615		.3	1	46.5	100	7.69	0.20		0.041	0.015	0.003<		0.008
81 09 28 1735		.3	1	24.0	68	7.72	0.18		0.130	0.015	0.003<		0.008
81 10 26 1555		.3	1	25.0	39	7.32	0.15		0.160	0.020	0.004		0.017
81 11 22 1405		.3	1	31.0	50	7.63	0.14		0.150	0.072	0.006		0.015
81 12 15 1125		.3	1	37.0	57	7.80	0.16		0.140	0.075	0.003<		0.016
MAXIMUM				**46.5**	**100**	**7.86**	**0.28**	**0.001**	**0.390**	**0.170**	**0.008**		**0.056**
ARITH MEAN				**27.4**	**54**	**7.59**	**0.18**	**0.001**	**0.147**	**0.042**	**0.005**		**0.015**
GEOM MEAN				**26.2**	**51**	**7.59**	**0.18**		**0.117**	**0.026**	**0.005**		**0.012**
MINIMUM				**18.5**	**36**	**7.20**	**0.14**	**0.001**	**0.039**	**0.011**	**0.004**		**0.004**
STD DEV (GEOM *)				**9.2**	**22**	**0.22**	**0.04**		**0.105**	**0.051**	**0.002**		**0.015**
# SAMPLES (IN STATISTICS)				**9**	**8**	**10**	**9**	**1**	**9**	**10**	**4**		**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*NIUT*	*COUT*
81 03 29 1855		.3	1	0.010	0.002<
81 04 26 2032		.3	1	0.002	
81 05 31 2100		.3	1	0.004	
81 06 21 2000		.3	1	0.0020<	
81 07 31 2110		.3	1	0.0370	
81 09 02 1615		.3	1	0.0410	
81 09 28 1735		.3	1	0.0050	
81 10 26 1555		.3	1	0.0120	
81 11 22 1405		.3	1	0.0110	
81 12 15 1125		.3	1	0.0060	
MAXIMUM				**0.0410**	
ARITH MEAN				**0.014**	
GEOM MEAN				**0.009**	
MINIMUM				**0.002**	
STD DEV (GEOM *)				**0.014**	
# SAMPLES (IN STATISTICS)				**9**	

B.O.W./ SITE: **WINNIPEG RIVER**
SAMPLE POINT: **AT FIRST CPR BR.WEST OF MAIN ST.KENORA**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**

STATION ID: **19-0001-001-02**
STORET CODE: **05 001**

LAT: LONG: U.T.M: **15 0392025.0 5513975.0 4** REGION: **06** DISTANCE: **94.949**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 05 1030		.3	1	21200	6	4<	8	4<		0.5	13.0	0.4	0.010
81 02 02 1000		.3	1	21202		4	4	4<		0.0	13.0	0.4	0.015
81 03 09 1030		.3	1	21204	6	8	72	4<		1.0	10.0	0.6	0.015
81 04 13 0930		.3	1	21206	6	28	128	4		2.5	12.0	0.6	0.019
81 05 04 1015		.3	1	21208	6	4<	320	4<		6.5	12.0	0.6	0.014
81 06 08 1315		.3	1	21210	6	356	280	4<		14.0	10.5	0.7	0.016
81 07 08 1345		.3	1	21212	5	30I	390	4<		22.0	9.5	1.0	0.015
81 08 04 1115		.3	1	21214	5	10<	130	4<		23.0	9.0	0.8	0.016
81 09 08 1015		.3	1	21216		460C	8000	68		18.0	8.5	0.5	0.028
81 10 05 1015		.3	1	21218	5	10I	280	4<		12.5	9.5	0.6	0.024
81 11 02 1030		.3	1	21220	5	10<	90I	4	4<	5.0	10.0	0.8	0.025
81 12 07 1100		.3	1	21222	6	480I	5000	4		1.0	12.5	0.5	0.026
MAXIMUM						**480**	**8000**	**68**		**23.0**	**13.0**	**1.0**	**0.028**
ARITH MEAN						**172**	**1225**	**20**		**9.6**	**10.8**	**0.6**	**0.019**
GEOM MEAN						**46**	**182**	**8**		**5.1**	**10.7**	**0.6**	**0.018**
MINIMUM						**4**	**4**	**4**		**0.5**	**8.5**	**0.4**	**0.010**
STD DEV (GEOM *)						**7***	**9***	**4***		**8.6**	**1.6**	**0.2**	**0.006**
# SAMPLES (IN STATISTICS)						**8**	**12**	**4**		**11**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
81 01 05 1030		.3	1	0.005					90.00	1.00	123.0	0.95	2.400
81 02 02 1000		.3	1	0.007					100.00	1.00	126.0	0.90	2.500
81 03 09 1030		.3	1	0.006					100.00	1.00	131.0	1.10	2.800
81 04 13 0930		.3	1	0.002					80.00	2.00	124.0	1.10	2.900
81 05 04 1015		.3	1	0.001	0.010<	0.001	0.013	0.024	100.00	2.00	124.0	0.95	2.800
81 06 08 1315		.3	1	0.003					110.00	2.00	128.0	0.85	2.600
81 07 08 1345		.3	1						100.00	1.00	132.0	0.80	2.800
81 08 04 1115		.3	1	0.002					100.00	2.00	123.0	1.10	2.800
81 09 08 1015		.3	1	0.002					90.00	4.00	132.0	2.40	3.200
81 10 05 1015		.3	1	0.011					80.00	2.00	132.0	1.40	2.900
81 11 02 1030		.3	1	0.010					110.00	2.00	130.0	1.50	2.900
81 12 07 1100		.3	1	0.007					80.00	3.00	130.0	0.95	3.000
MAXIMUM				**0.011**		**0.001**	**0.013**	**0.024**	**110.00**	**4.00**	**132.0**	**2.40**	**3.200**
ARITH MEAN				**0.005**		**0.001**	**0.013**	**0.024**	**95.00**	**1.92**	**127.9**	**1.17**	**2.800**
GEOM MEAN				**0.004**					**94.42**	**1.74**	**127.9**	**1.11**	**2.792**
MINIMUM				**0.001**		**0.001**	**0.013**	**0.024**	**80.00**	**1.00**	**123.0**	**0.80**	**2.400**
STD DEV (GEOM *)				**0.003**					**10.87**	**0.90**	**3.7**	**0.44**	**0.217**
# SAMPLES (IN STATISTICS)				**11**		**1**	**1**	**1**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
81 01 05 1030		.3	1	49.0	7.20	7.2	0.200	57.000	24.000			0.002	
81 02 02 1000		.3	1	59.0	7.40	7.0	0.100	57.000	27.000	0.001<	0.004	0.002	0.003
81 03 09 1030		.3	1	53.0	7.40	7.0	0.100	59.000	28.000			0.002	
81 04 13 0930		.3	1	55.0	7.50	7.2	0.086	59.000	31.000			0.005	
81 05 04 1015		.3	1	52.0	7.70	7.2	0.077	57.000	25.000	0.001<	0.006	0.005	0.001<
81 06 08 1315		.3	1	51.0	7.70		0.046	55.000	25.000			0.003	
81 07 08 1345		.3	1	50.0	7.80	6.75	0.032	55.000	23.000			0.004	
81 08 04 1115		.3	1	51.0	8.40	7.3	0.039	65.000	24.000	0.001	0.001<	0.002	0.010
81 09 08 1015		.3	1	51.0		7.4	0.074	57.000	26.000			0.003	
81 10 05 1015		.3	1	54.0	7.80	7.3	0.150	59.000	27.000			0.005	
81 11 02 1030		.3	1	52.0	7.80	7.4	0.069	58.000	24.000	0.006	0.002	0.002	0.004
81 12 07 1100		.3	1	52.0	7.60	7.4	0.001	60.000	28.000			0.001<	
MAXIMUM				**59.0**	**8.40**	**7.4**	**0.200**	**65.000**	**31.000**	**0.006**	**0.006**	**0.005**	**0.010**
ARITH MEAN				**52.4**	**7.66**	**7.2**	**0.081**	**58.167**	**26.000**	**0.003**	**0.004**	**0.003**	**0.006**
GEOM MEAN				**52.4**	**7.66**	**7.1**	**0.054**	**58.113**	**25.910**	**0.002**	**0.004**	**0.003**	**0.005**
MINIMUM				**49.0**	**7.20**	**6.75**	**0.001**	**55.000**	**23.000**	**0.001**	**0.002**	**0.002**	**0.003**
STD DEV (GEOM *)				**2.6**	**0.31**	**0.2**	**0.054**	**2.657**	**2.296**	**0.004**	**0.002**	**0.001**	**0.004**
# SAMPLES (IN STATISTICS)				**12**	**11**	**11**	**12**	**12**	**12**	**2**	**3**	**11**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
81 01 05 1030		.3	1		0.003	0.020		
81 02 02 1000		.3	1	0.001<	0.001<	0.009	0.001<	0.001<
81 03 09 1030		.3	1		0.001<	0.007		
81 04 13 0930		.3	1		0.001	0.009		
81 05 04 1015		.3	1	0.001<	0.003	0.024	0.006	0.001<
81 06 08 1315		.3	1		0.002	0.009		
81 07 08 1345		.3	1		0.003	0.006		
81 08 04 1115		.3	1	0.001<	0.001<	0.014	0.001	0.001<
81 09 08 1015		.3	1		0.002	0.023		
81 10 05 1015		.3	1		0.002	0.024		
81 11 02 1030		.3	1	0.001<	0.005	0.015	0.001<	0.001<
81 12 07 1100		.3	1		0.001<	0.002		
MAXIMUM					**0.005**	**0.024**	**0.006**	
ARITH MEAN					**0.003**	**0.013**	**0.003**	
GEOM MEAN					**0.002**	**0.011**	**0.002**	
MINIMUM					**0.001**	**0.002**	**0.001**	
STD DEV (GEOM *)					**0.001**	**0.008**	**0.004**	
# SAMPLES (IN STATISTICS)					**8**	**12**	**2**	

B.O.W./ SITE: **WINNIPEG RIVER**
SAMPLE POINT: **NORTH-WEST OF OLD FORT ISLAND**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**

STATION ID: **19-0001-002-02**
STORET CODE: **05 001**

LAT: LONG: U T M: **15 0391150.0 5515625.0 4** REGION: **06** DISTANCE: **92.213**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML (TCMF)	COLIFORM TOTAL MF BCKGRD CNT /100ML (TCMFBK)	FECAL COLIFORM MF CNT /100ML (FCMF)	WATER TEMP DEG.C (FWTEMP)	DISOLVED OXYGEN MG/L AS O (DO)	BOD 5 DAY TOT.DEM. MG/L AS O (BOD5)	PHOSPHOR UNF.TOT. MG/L AS P (PPUT)	PO4 FIL.REAC MG/L AS P (PPO4FR)
81 01 05 1145		.3	1	21201		300I	1700	90I	0.5	11.0	24.0	0.027	0.002
81 02 02 1115		.3	1	21203		900I	3100	30I	0.0	12.0	1.8	0.019	0.004
81 03 09 1130		.3	1	21205	8	620	2800	44	1.0	11.0	1.6	0.017	0.002
81 04 13 1030		.3	1	21207	5 9	3900C	90000	152	3.5	10.0	17.0	0.031	0.004
81 05 04 1115		.3	1	21209	5 9	210000	130000	496	8.0	10.0	6.4	0.031	0.004
81 06 08 1045		.3	1	21211	9 5	55000	80000	24	15.0	9.0	3.9	0.026	0.003
81 07 08 1030		.3	1	21213	3 8	100<	600I	10<	22.0	8.0	2.6	0.020	
81 08 04 1330		.3	1	21215	5 8 9	280000C	2930000	150000	23.0	6.0	17.0	0.052	0.004
81 09 09 1045		.3	1	21217	5 9	40000I	810000	1000I	19.0	7.0	7.8	0.031	0.002
81 10 05 1100		.3	1	21219	5	10000	16000	1000<	13.0	8.5	2.9	0.031	0.002
81 11 02 1100		.3	1	21221	5 9	7300	41000	120	6.0	10.0	2.6	0.028	0.003
81 12 07 1530		.3	1	21223	5 9	22000	166000	170	1.5	10.5	2.8	0.027	0.002
	MAXIMUM					**280000**	**2930000**	**150000**	**23.0**	**12.0**	**24.0**	**0.052**	**0.004**
	ARITH MEAN					**57275**	**355933**	**15213**	**10.2**	**9.4**	**7.5**	**0.028**	**0.003**
	GEOM MEAN					**10281**	**33695**	**241**	**5.8**	**9.2**	**4.9**	**0.027**	**0.003**
	MINIMUM					**300**	**600**	**24**	**0.5**	**6.0**	**1.6**	**0.017**	**0.002**
	STD DEV (GEOM *)					**10***	**13***	**13***	**8.6**	**1.8**	**7.5**	**0.009**	**0.001**
	# SAMPLES (IN STATISTICS)					**11**	**12**	**10**	**11**	**12**	**12**	**12**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N (NNHTFR)	NO2-N FIL.REAC MG/L AS N (NNO2FR)	NO3-N FIL.REAC MG/L AS N (NNO3FR)	INORG N TOTAL FIL.REAC MG/L (NNTIFR)	RESIDUE TOTAL MG/L (RST)	RESIDUE PARTIC. MG/L (RSP)	CONDUCT. 25C UMHO/CM AT 25 C (COND25)	TURB'ITY FTU (TURB)	CHLORIDE UNF.REAC MG/L AS CL (CLIDUR)	ALK TOTAL MG/L AS CACO3 (ALKT)
81 01 05 1145		.3	1					160.00	2.00	148.0	2.20	2.800	49.0
81 02 02 1115		.3	1					90.00	1.00	130.0	1.90	2.600	53.0
81 03 09 1130		.3	1					100.00	2.00	134.0	2.00	2.800	53.0
81 04 13 1030		.3	1					160.00	4.00	146.0	4.10	3.500	53.0
81 05 04 1115		.3	1	0.010<	0.002	0.024	0.036	200.00	5.00	152.0	3.80	3.600	50.0
81 06 08 1045		.3	1					130.00	4.00	138.0	2.50	2.900	51.0
81 07 08 1030		.3	1					100.00	3.00	134.0	1.60	2.800	50.0
81 08 04 1330		.3	1					230.00	8.00	160.0	3.40	4.100	49.0
81 09 09 1045		.3	1					130.00	7.00	144.0	3.20	3.500	50.0
81 10 05 1100		.3	1					100.00	5.00	140.0	3.00	3.200	52.0
81 11 02 1100		.3	1					100.00	5.00	136.0	3.10	3.100	51.0
81 12 07 1530		.3	1					80.00	5.00	136.0	2.00	3.200	51.0
	MAXIMUM				**0.002**	**0.024**	**0.036**	**230.00**	**8.00**	**160.0**	**4.10**	**4.100**	**53.0**
	ARITH MEAN				**0.002**	**0.024**	**0.036**	**131.67**	**4.25**	**141.5**	**2.73**	**3.175**	**51.0**
	GEOM MEAN							**124.84**	**3.71**	**141.3**	**2.62**	**3.149**	**51.0**
	MINIMUM				**0.002**	**0.024**	**0.036**	**80.00**	**1.00**	**130.0**	**1.60**	**2.600**	**49.0**
	STD DEV (GEOM *)							**47.07**	**2.05**	**8.7**	**0.81**	**0.435**	**1.5**
	# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH (PH)	PH FIELD (FWPH)	IRON UNF.TOT. MG/L AS FE (FEUT)	HARDNESS TOTAL MG/L AS CACO3 (HARDT)	COLOUR APPARENT HZU (COLAP)	ARSENIC UNF.TOT. MG/L AS AS (ASUT)	CHROMIUM UNF.TOT. MG/L AS CR (CRUT)	COPPER UNF.TOT. MG/L AS CU (CUUT)	LEAD UNF.TOT. MG/L AS PB (PBUT)	CADMIUM UNF.TOT. MG/L AS CD (CDUT)
81 01 05 1145		.3	1	7.00	7.0	0.100	57.000	38.000			0.004		
81 02 02 1115		.3	1	7.30	7.1	0.100	55.000	33.000	0.001<	0.001<	0.002	0.002	0.001<
81 03 09 1130		.3	1	7.40	7.0	0.150	57.000	32.000			0.002		
81 04 13 1030		.3	1	7.20	6.9	0.110	57.000	40.000			0.005		
81 05 04 1115		.3	1	7.10	7.0	0.015	57.000	41.000	0.001<	0.001<	0.002	0.001<	0.001
81 06 08 1045		.3	1	7.20		0.074	55.000	34.000			0.003		
81 07 08 1030		.3	1	7.50	7.3	0.061	54.000	25.000			0.006		
81 08 04 1330		.3	1	7.10	6.9	0.073	59.000	41.000	0.001	0.001<	0.006	0.007	0.001
81 09 09 1045		.3	1		7.2	0.150	57.000	33.000			0.003		
81 10 05 1100		.3	1	7.40	7.2	0.048	58.000	30.000			0.002		
81 11 02 1100		.3	1	7.50	7.2	0.064	59.000	31.000	0.003	0.001	0.001<	0.002	0.001<
81 12 07 1530		.3	1	7.40	7.3	0.070	38.000	32.000			0.006		
	MAXIMUM			**7.50**	**7.3**	**0.150**	**59.000**	**41.000**	**0.003**	**0.001**	**0.006**	**0.007**	**0.001**
	ARITH MEAN			**7.28**	**7.1**	**0.085**	**55.250**	**34.167**	**0.002**	**0.001**	**0.004**	**0.004**	**0.001**
	GEOM MEAN			**7.28**	**7.1**	**0.074**	**54.927**	**33.837**	**0.002**		**0.003**	**0.003**	**0.001**
	MINIMUM			**7.00**	**6.9**	**0.015**	**38.000**	**25.000**	**0.001**	**0.001**	**0.002**	**0.002**	**0.001**
	STD DEV (GEOM *)			**0.17**	**0.1**	**0.040**	**5.643**	**4.914**	**0.001**		**0.002**	**0.003**	**0.000**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**12**	**12**	**12**	**2**	**1**	**11**	**3**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ZINC UNF.TOT. MG/L AS ZN (ZNUT)	MANGANSE UNF.TOT. MG/L AS MN (MNUT)	NICKEL UNF.TOT. MG/L AS NI (NIUT)	COBALT UNF.TOT. MG/L AS CO (COUT)
81 01 05 1145		.3	1	0.003	0.009		
81 02 02 1115		.3	1	0.012	0.013	0.001	0.001<
81 03 09 1130		.3	1	0.001	0.010		
81 04 13 1030		.3	1	0.003	0.027		
81 05 04 1115		.3	1	0.001<	0.005	0.007	0.001<
81 06 08 1045		.3	1	0.004	0.019		
81 07 08 1030		.3	1	0.003	0.011		
81 08 04 1330		.3	1	0.004	0.042	0.005	0.001
81 09 09 1045		.3	1	0.007	0.033		
81 10 05 1100		.3	1	0.003	0.023		
81 11 02 1100		.3	1	0.002	0.017	0.001	0.001<
81 12 07 1530		.3	1	0.002	0.012		
	MAXIMUM			**0.012**	**0.042**	**0.007**	**0.001**
	ARITH MEAN			**0.004**	**0.018**	**0.003**	**0.001**
	GEOM MEAN			**0.003**	**0.016**	**0.002**	
	MINIMUM			**0.001**	**0.005**	**0.001**	**0.001**
	STD DEV (GEOM *)			**0.003**	**0.011**	**0.003**	
	# SAMPLES (IN STATISTICS)			**11**	**12**	**4**	**1**

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **DOWNSTREAM OF EMO**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**

STATION ID: **19-0001-003-02**
STORET CODE: **05 001**

LAT: LONG: U.T.M: **15 0432625.0 5386000.0 4** REGION: **06** DISTANCE: **302.813**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 13 0945	.3	1		21305	4	28000C	500000	17000	0.0	12.0	1.2	0.027	0.001
81 02 16 1540	.3	1		21313	4	4800	13100	3600	0.0	10.0	1.0	0.046	0.004
81 03 17 1100	.3	1		21319		24000	23000	24000	0.0	12.0	1.1	0.032	0.003
81 04 28 1410	.3	1		21325		56000	6000I	26000	8.0	10.1	1.3	0.084	0.015
81 05 20 1230	.3	1		21331	5	8000I	5000I	16000	15.0		0.9	0.026	0.004
81 06 16 1530	.3	1		21339		1000	2100	2500	18.5	8.4	0.7	0.026	0.008
81 07 13 1440	.3	1		21345		100I	20000	100I	22.5	9.0	0.8	0.035	0.008
81 08 11 0945	.3	1		21351		200I	4500	30I	21.6	7.3	0.5	0.026	0.012
81 09 08 1145	.3	1		21357		200I	4600	70I	18.5	8.7	0.4	0.029	0.008
81 10 13 0950	.3	1		21363		700I	5600	1000	10.0	9.6	0.9	0.036	0.009
81 11 10 0830	.3	1		21369	6	6800	1800	6000I	1.0	12.8	1.0	0.031	0.007
MAXIMUM						**56000**	**500000**	**26000**	**22.5**	**12.8**	**1.3**	**0.084**	**0.015**
ARITH MEAN						**11800**	**53245**	**8755**	**14.4**	**10.0**	**0.9**	**0.036**	**0.007**
GEOM MEAN						**2533**	**9193**	**1989**	**10.9**	**9.8**	**0.8**	**0.034**	**0.006**
MINIMUM						**100**	**1800**	**30**	**1.0**	**7.3**	**0.4**	**0.026**	**0.001**
STD DEV (GEOM *)						9*	5*	12*	7.5	1.8	0.3	0.017	0.004
# SAMPLES (IN STATISTICS)						11	11	11	8	10	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*
81 01 13 0945	.3	1									80.00	2.00	75.0
81 02 16 1540	.3	1									50.00	6.00	70.0
81 03 17 1100	.3	1										3.00	90.0
81 04 28 1410	.3	1									170.00	40.00	118.0
81 05 20 1230	.3	1									70.00	5.00	70.0
81 06 16 1530	.3	1									80.00	5.00	78.0
81 07 13 1440	.3	1		0.020	0.470	0.004	0.010	0.034	0.450	0.484	90.00	7.00	74.0
81 08 11 0945	.3	1									70.00	2.00	87.0
81 09 08 1145	.3	1									100.00	4.00	106.0
81 10 13 0950	.3	1									120.00	9.00	114.0
81 11 10 0830	.3	1									130.00	9.00	119.0
MAXIMUM				**0.020**	**0.470**	**0.004**	**0.010**	**0.034**	**0.450**	**0.484**	**170.00**	**40.00**	**119.0**
ARITH MEAN				**0.020**	**0.470**	**0.004**	**0.010**	**0.034**	**0.450**	**0.484**	**96.00**	**8.36**	**91.0**
GEOM MEAN											**90.64**	**5.58**	**89.1**
MINIMUM				**0.020**	**0.470**	**0.004**	**0.010**	**0.034**	**0.450**	**0.484**	**50.00**	**2.00**	**70.0**
STD DEV (GEOM *)											**35.34**	**10.77**	**19.7**
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**10**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	MERCURY UNF.TOT. UG/L AS HG
TEST-NAME:				*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*HARDT*	*COLAP*	*HGUT*
81 01 13 0945	.3	1		1.80	4.300		22.0	6.90	6.8	24.000	46.000	
81 02 16 1540	.3	1		2.10	3.500		22.0	6.80	6.9	24.000	43.000	
81 03 17 1100	.3	1		2.00	5.500		27.0	7.20	7.0	30.000	54.000	
81 04 28 1410	.3	1		27.00	5.400		36.0	7.30	7.5	48.000	150.000	
81 05 20 1230	.3	1		2.00	2.100		24.0	7.20	7.4	26.000	54.000	
81 06 16 1530	.3	1		2.60	2.600		25.0	7.00	6.9	30.000	78.000	
81 07 13 1440	.3	1		3.10	3.200	3.000	23.0	7.30	7.45	28.000	66.000	
81 08 11 0945	.3	1		2.00	5.000	3.000	27.0	7.30	7.6	32.000	56.000	
81 09 08 1145	.3	1		2.50	6.800		30.0	7.40	7.65	38.000	66.000	0.050<
81 10 13 0950	.3	1		5.20	6.200		36.0	7.40	7.3	46.000	141.000	
81 11 10 0830	.3	1		3.30	4.900		42.0	7.30	6.8	51.000	138.000	
MAXIMUM				**27.00**	**6.800**	**3.000**	**42.0**	**7.40**	**7.65**	**51.000**	**150.000**	
ARITH MEAN				**4.87**	**4.500**	**3.000**	**28.5**	**7.19**	**7.2**	**34.273**	**81.091**	
GEOM MEAN				**3.13**	**4.245**	**3.000**	**27.9**	**7.19**	**7.2**	**33.067**	**73.138**	
MINIMUM				**1.80**	**2.100**	**3.000**	**22.0**	**6.80**	**6.8**	**24.000**	**43.000**	
STD DEV (GEOM *)				7.40	1.500	0.000	6.7	0.20	0.3	9.900	41.013	
# SAMPLES (IN STATISTICS)				11	11	2	11	11	11	11	11	

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **UPSTREAM FROM FORT FRANCES TOLL BRIDGE**
STATION TYPE: **RIVER FLOW GAUGE FED 05PC019**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**

STATION ID: **19-0001-004-02**
STORET CODE: **05 001**

LAT: LONG: U.T.M: **15 0471475.0 5383450.0 4** REGION: **06** DISTANCE: **341.506**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*
81 01 13 1150	.3	1		21300	4	243.000	4<	20	4<	0.0	12.0	0.3	0.014
81 02 17 1325	.3	1		21308	6	243.000	8	152	4	0.5	12.0	0.4	0.011
81 03 17 1225	.3	1		21316		174.000	4	40	4<	2.0	12.0	0.4	0.008
81 04 28 1610	.3	1		21322		114.000	8	116	4<	6.0	11.2	0.4	0.020
81 05 20 1500	.3	1		21328		285.000	64	256	4<	14.0	11.0	0.8	0.019
81 06 16 1300	.3	1		21336		448.000	400I	3900	4	16.0	9.2	0.7	0.022
81 07 13 1905	.3	1		21342		297.000	200I	6100	4<	21.5	8.5	0.6	0.019
81 08 11 1500	.3	1		21348		173.000	900I	18000	324	22.0	9.3	0.4	0.013
81 09 08 1000	.3	1		21354	6	109.000	200I	5100	4	18.0	11.0	0.2	0.016
81 10 13 0800	.3	1		21360	6	108.000	110	1500	16	9.0	9.6	0.6	0.015
81 11 10 1000	.3	1		21366	6	154.000	10<	30I	4<	2.0	13.3	0.4	0.011
MAXIMUM						**448.000**	**900**	**18000**	**324**	**22.0**	**13.3**	**0.8**	**0.022**
ARITH MEAN						**213.454**	**210**	**3201**	**70**	**11.1**	**10.8**	**0.5**	**0.015**
GEOM MEAN						**193.114**	**67**	**486**	**13**	**6.8**	**10.7**	**0.4**	**0.015**
MINIMUM						**108.000**	**4**	**20**	**4**	**0.5**	**8.5**	**0.2**	**0.008**
STD DEV (GEOM *)						103.685	7*	11*	7*	8.3	1.5	0.2	0.004
# SAMPLES (IN STATISTICS)						11	9	11	5	10	11	11	11

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L
	TEST-NAME:			*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*
81 01 13 1150		.3	1	0.003								50.00	1.00
81 02 17 1325		.3	1	0.003								30.00	
81 03 17 1225		.3	1	0.001								40.00	1.00
81 04 28 1610		.3	1	0.001								70.00	3.00
81 05 20 1500		.3	1	0.003								50.00	3.00
81 06 16 1300		.3	1	0.005								60.00	4.00
81 07 13 1905		.3	1	0.003	0.010	0.410	0.001	0.010	0.021	0.400	0.421	60.00	3.00
81 08 11 1500		.3	1	0.006	0.020	0.380	0.002	0.010<	0.032	0.360	0.392	50.00	1.00
81 09 08 1000		.3	1	0.004								60.00	3.00
81 10 13 0800		.3	1	0.001								50.00	2.00
81 11 10 1000		.3	1	0.003								60.00	2.00
	MAXIMUM			**0.006**	**0.020**	**0.410**	**0.002**	**0.010**	**0.021**	**0.400**	**0.421**	**70.00**	**4.00**
	ARITH MEAN			**0.003**	**0.015**	**0.395**	**0.001**	**0.010**	**0.021**	**0.400**	**0.421**	**52.73**	**2.30**
	GEOM MEAN			**0.003**	**0.014**	**0.395**	**0.001**					**51.53**	**2.05**
	MINIMUM			**0.001**	**0.010**	**0.380**	**0.001**	**0.010**	**0.021**	**0.400**	**0.421**	**30.00**	**1.00**
	STD DEV (GEOM *)			**0.002**	**0.007**	**0.021**	**0.001**					**11.04**	**1.06**
	# SAMPLES (IN STATISTICS)			**11**	**2**	**2**	**2**	**1**	**1**	**1**	**1**	**11**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
	TEST-NAME:			*COND25*	*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*
81 01 13 1150		.3	1	54.0	0.60	0.800		21.0	6.90	6.8		22.000	30.000
81 02 17 1325		.3	1	59.0	1.00	2.000		20.0	7.00	6.8	0.200	20.000	29.000
81 03 17 1225		.3	1	56.0	0.75	0.900		21.0	7.40	7.0		20.000	30.000
81 04 28 1610		.3	1	52.0	1.20	1.000		19.0	7.30	7.55		18.000	30.000
81 05 20 1500		.3	1	52.0	0.90	0.800		19.0	7.20	7.6	0.150	20.000	34.000
81 06 16 1300		.3	1	58.0	1.80	1.000		19.0	6.60	6.8		21.000	38.000
81 07 13 1905		.3	1	54.0	1.30	0.900	2.000	19.0	7.40	7.4		22.000	38.000
81 08 11 1500		.3	1	56.0	0.85	0.800	2.000	21.0	7.40			22.000	36.000
81 09 08 1000		.3	1	60.0	1.50	0.800		19.0	7.50	7.6		23.000	32.000
81 10 13 0800		.3	1	65.0	1.60	0.900		23.0	8.20	7.1		25.000	37.000
81 11 10 1000		.3	1	58.0	0.95	0.700		19.0	7.10	7.1		30.000	32.000
	MAXIMUM			**65.0**	**1.80**	**2.000**	**2.000**	**23.0**	**8.20**	**7.6**	**0.200**	**30.000**	**38.000**
	ARITH MEAN			**56.7**	**1.13**	**0.964**	**2.000**	**20.0**	**7.27**	**7.1**	**0.175**	**22.091**	**33.273**
	GEOM MEAN			**56.6**	**1.07**	**0.924**	**2.000**	**20.0**	**7.26**	**7.1**	**0.173**	**21.899**	**33.110**
	MINIMUM			**52.0**	**0.60**	**0.700**	**2.000**	**19.0**	**6.60**	**6.8**	**0.150**	**18.000**	**29.000**
	STD DEV (GEOM *)			**3.8**	**0.38**	**0.356**	**0.000**	**1.3**	**0.41**	**0.3**	**0.035**	**3.208**	**3.467**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**2**	**11**	**11**	**10**	**2**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*ASUT*	*HGUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*
81 02 17 1325		.3	1	0.002			0.001<	0.003	0.001<	0.001<	0.004	0.006	0.002
81 05 20 1500		.3	1	0.004<	0.050<		0.001<	0.007	0.006	0.001<	0.004	0.007	0.001<
81 08 11 1500		.3	1	0.002			0.001<	0.001<	0.001<	0.001	0.001		0.002
81 09 08 1000		.3	1		0.050<								
81 10 13 0800		.3	1	0.001<	0.050<	0.066	0.003	0.001<	0.003	0.001	0.002		0.001
81 11 10 1000		.3	1	0.001<		0.061	0.001<	0.009	0.002	0.002	0.001<		0.001
	MAXIMUM			**0.002**		**0.066**	**0.003**	**0.009**	**0.006**	**0.002**	**0.004**	**0.007**	**0.002**
	ARITH MEAN			**0.002**		**0.063**	**0.003**	**0.006**	**0.004**	**0.001**	**0.003**	**0.006**	**0.001**
	GEOM MEAN			**0.002**		**0.063**		**0.006**	**0.003**	**0.001**	**0.002**	**0.006**	**0.001**
	MINIMUM			**0.002**		**0.061**	**0.003**	**0.003**	**0.002**	**0.001**	**0.001**	**0.006**	**0.001**
	STD DEV (GEOM *)			**0.000**		**0.004**		**0.003**	**0.002**	**0.001**	**0.001**	**0.001**	**0.001**
	# SAMPLES (IN STATISTICS)			**2**		**2**	**1**	**3**	**3**	**3**	**4**	**2**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
	TEST-NAME:			*COUT*	*CCNAUR*
81 02 17 1325		.3	1	0.001<	
81 05 20 1500		.3	1	0.001<	0.010<
81 08 11 1500		.3	1	0.001<	0.010<
81 10 13 0800		.3	1	0.001<	0.01 <
81 11 10 1000		.3	1	0.001<	0.005<
	MAXIMUM				
	ARITH MEAN				
	GEOM MEAN				
	MINIMUM				
	STD DEV (GEOM *)				
	# SAMPLES (IN STATISTICS)				

B.O.W./ SITE: **WABIGOON RIVER**
SAMPLE POINT: **UPSTR FROM GREAT LAKES FOREST PRODUCTS**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-005-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0511050.0 5513100.0 4** REGION: **06** DISTANCE: **265.017**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1320		.3	1	21003		4	32	4<	0.0	11.0	1.6	0.033	0.008
81 02 10 1230		.3	1	21007		4<	4<	4<	0.0	14.0	0.2	0.025	0.012
81 03 09 1330		.3	1	21011	4	4<	8	4<	0.0	13.0	0.6	0.020	0.009
81 04 07 1145		.3	1	21015	4	72	244	40	4.0	11.0	0.4	0.026	0.012
81 05 05 1150		.3	1	21019		800I	600I	4	8.5	9.0	0.6	0.031	0.009
81 06 08 1330		.3	1	21023		260I	1200	12	14.0	6.0	0.8	0.030	0.012
81 07 07 1225		.3	1	21027		200C	30000	4<	24.0	10.0	0.4	0.038	0.012
81 08 10 1320		.3	1	21031		600C	38000	12	24.0	11.0		0.029	0.013
81 10 05 1345		.3	1	21036		1000	1800	4<	8.0	9.0	0.5	0.022	0.007
MAXIMUM						**1000**	**38000**	**40**	**24.0**	**14.0**	**1.6**	**0.038**	**0.013**
ARITH MEAN						**419**	**8985**	**17**	**13.7**	**10.4**	**0.6**	**0.028**	**0.010**
GEOM MEAN						**184**	**742**	**12**	**11.4**	**10.2**	**0.5**	**0.028**	**0.010**
MINIMUM						**4**	**8**	**4**	**4.0**	**6.0**	**0.2**	**0.020**	**0.007**
STD DEV (GEOM *)						7*	20*	3*	8.6	2.4	0.4	0.006	0.002
# SAMPLES (IN STATISTICS)						7	8	4	6	9	8	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 12 1320		.3	1	0.040	0.880	0.005	0.080	0.125	0.840	0.965	140.00	2.00	118.0
81 02 10 1230		.3	1	0.010	0.360	0.004	0.090	0.104	0.350	0.454	100.00	1.00	117.0
81 03 09 1330		.3	1	0.010	0.360	0.004	0.080	0.094	0.350	0.444	100.00	1.00	113.0
81 04 07 1145		.3	1	0.030	0.420	0.004	0.040	0.074	0.390	0.464	110.00	20.00	112.0
81 05 05 1150		.3	1	0.020	0.360	0.004	0.010	0.034	0.340	0.374	110.00	5.00	105.0
81 06 08 1330		.3	1	0.010	0.350	0.004	0.010<	0.024	0.340	0.364	100.00	7.00	102.0
81 07 07 1225		.3	1	0.010	0.440	0.004	0.020	0.034	0.430	0.464	100.00	10.00	110.0
81 08 10 1320		.3	1	0.040	0.420	0.004	0.010	0.054	0.380	0.434	90.00	10.00	108.0
81 10 05 1345		.3	1	0.030	0.340	0.002	0.010<	0.042	0.310	0.352	80.00	4.00	112.0
MAXIMUM				**0.040**	**0.880**	**0.005**	**0.090**	**0.125**	**0.840**	**0.965**	**140.00**	**20.00**	**118.0**
ARITH MEAN				**0.022**	**0.437**	**0.004**	**0.047**	**0.074**	**0.440**	**0.514**	**103.33**	**6.67**	**110.8**
GEOM MEAN				**0.019**	**0.417**	**0.004**	**0.033**	**0.066**	**0.418**	**0.490**	**102.23**	**4.35**	**110.7**
MINIMUM				**0.010**	**0.340**	**0.002**	**0.010**	**0.034**	**0.340**	**0.374**	**80.00**	**1.00**	**102.0**
STD DEV (GEOM *)				**0.013**	**0.170**	**0.001**	**0.035**	**0.035**	**0.179**	**0.201**	**16.58**	**6.08**	**5.2**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**7**	**7**	**7**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 12 1320		.3	1	12.00	2.000	3.400	48.0	7.40	7.1	0.950	53.000	39.000	0.001
81 02 10 1230		.3	1	12.00	1.200	3.900	51.0	7.50	6.9	0.800	53.000	45.000	
81 03 09 1330		.3	1	9.60	1.300	2.900	48.0	7.50	7.0	0.800	51.000	43.000	
81 04 07 1145		.3	1	13.00	1.200	3.500	48.0	7.50	7.4	1.200	50.000	42.000	
81 05 05 1150		.3	1	12.00	1.400	3.600	45.0	6.70		0.960	43.000	38.000	
81 06 08 1330		.3	1	14.00	1.200	2.900	46.0	7.20	7.1	0.840	45.000	55.000	0.004
81 07 07 1225		.3	1	17.00	1.400	4.700	47.0	7.40	7.0	1.000	50.000	48.000	
81 08 10 1320		.3	1		1.400	2.700	46.0	8.10	7.2	0.980	48.000	40.000	0.002
81 10 05 1345		.3	1	9.60	1.500	1.000<	48.0	7.80	7.0	0.520	71.000	33	0.001<
MAXIMUM				**17.00**	**2.000**	**4.700**	**51.0**	**8.10**	**7.4**	**1.200**	**71.000**	**55.000**	**0.004**
ARITH MEAN				**12.40**	**1.400**	**3.450**	**47.4**	**7.46**	**7.1**	**0.894**	**51.556**	**42**	**0.002**
GEOM MEAN				**12.21**	**1.383**	**3.399**	**47.4**	**7.45**	**7.1**	**0.875**	**51.067**	**42**	**0.002**
MINIMUM				**9.60**	**1.200**	**2.700**	**45.0**	**6.70**	**6.9**	**0.520**	**43.000**	**33**	**0.001**
STD DEV (GEOM *)				**2.40**	**0.250**	**0.650**	**1.7**	**0.38**	**0.2**	**0.187**	**8.033**	**6**	**0.002**
# SAMPLES (IN STATISTICS)				**8**	**9**	**8**	**9**	**9**	**8**	**9**	**9**	**9**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1320		.3	1	0.060	0.007	0.011	0.011	0.002
81 02 10 1230		.3	1	0.050	0.007	0.006	0.013	0.001
81 03 09 1330		.3	1		0.005	0.015	0.012	0.001<
81 04 07 1145		.3	1		0.004	0.003	0.018	0.001<
81 05 05 1150		.3	1	0.050<	0.003	0.004	0.022	0.001<
81 06 08 1330		.3	1	0.050<	0.003	0.002	0.140	0.004
81 07 07 1225		.3	1	0.050<	0.001<	0.005	0.026	0.013
81 08 10 1320		.3	1	0.050<	0.003	0.004	0.027	0.005
81 10 05 1345		.3	1	0.050<	0.004	0.004	0.016	0.002
MAXIMUM				**0.060**	**0.007**	**0.015**	**0.140**	**0.013**
ARITH MEAN				**0.055**	**0.004**	**0.006**	**0.032**	**0.004**
GEOM MEAN				**0.055**	**0.004**	**0.005**	**0.022**	**0.003**
MINIMUM				**0.050**	**0.003**	**0.002**	**0.011**	**0.001**
STD DEV (GEOM *)				**0.007**	**0.002**	**0.004**	**0.041**	**0.004**
# SAMPLES (IN STATISTICS)				**2**	**8**	**9**	**9**	**6**

B.O.W./ SITE: **WABIGOON RIVER**
SAMPLE POINT: **AT GOLF COURSE BRIDGE DRYDEN**
STATION TYPE: **RIVER FLOW GAUGE FED 05QD016**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-006-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0510550.0 5515000.0 4** REGION: **06** DISTANCE: **264.408**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT
81 01 12 1345		.3	1	21002		11.600	290E+05	3000000I	19000	2.5		6.5	0.049
81 02 10 1215		.3	1	21006		7.080	170E+05	6000000I	4000I	4.0	5.0	22.0	0.110
81 03 09 1300		.3	1	21010	9	6.940	140E+05	4000000I	2500C	2.5	8.0	6.8	0.062
81 04 07 1125		.3	1	21014	0	1.700	550000	1200000	2200	10.0	7.0	44.0	0.120
81 05 05 1140		.3	1	21018		1.700	270E+06	170E+06	1230000	18.5		120.0	0.250
81 06 08 1300		.3	1	21022	9	2.120	310E+05	510E+05	6000I	23.0	0.0	100.0	0.240
81 07 07 1505		.3	1	21026	0	11.800	370E+05	360E+05	3000000I	24.0	5.0	30.0	0.094
81 08 10 1345		.3	1	21030	0	11.200	470E+05	4000000I	100000	24.0	7.0	3.2	0.049
81 10 05 1220		.3	1	21037		2.970	150E+05>	200E+05	9100000	12.0	6.0	42.0	0.130
MAXIMUM						**11.800**	**270E+06**	**170E+06**	**9100000**	**24.0**	**8.0**	**120.0**	**0.250**
ARITH MEAN						**6.346**	**556E+05**	**328E+05**	**1495966**	**13.4**	**6.3**	**41.6**	**0.123**
GEOM MEAN						**4.807**	**220E+05**	**108E+05**	**58815**	**9.7**	**6.2**	**23.4**	**0.104**
MINIMUM						**1.700**	**550000**	**1200000**	**2200**	**2.5**	**5.0**	**3.2**	**0.049**
STD DEV (GEOM *)						**4.391**	**6***	**5***	**26***	**9.2**	**1.2**	**41.8**	**0.075**
# SAMPLES (IN STATISTICS)						**9**	**8**	**9**	**9**	**9**	**6**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L
TEST-NAME:				PPO4FR	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP
81 01 12 1345		.3	1	0.012	0.010	0.500	0.011	0.020	0.041	0.490	0.531	160.00	4.00
81 02 10 1215		.3	1	0.022	0.020	0.620	0.014			0.600		240.00	8.00
81 03 09 1300		.3	1	0.010	0.010<	0.580	0.007	0.040	0.057	0.570	0.627	140.00	6.00
81 04 07 1125		.3	1	0.044	0.040	0.900	0.017			0.860		360.00	20.00
81 05 05 1140		.3	1	0.081	0.060	1.400	0.043			1.340		780.00	40.00
81 06 08 1300		.3	1	0.070	0.060	1.200	0.045	0.010	0.115	1.140	1.255	840.00	3.00
81 07 07 1505		.3	1	0.045	0.030	0.700	0.023	0.040	0.093	0.670	0.763	360.00	20.00
81 08 10 1345		.3	1	0.013	0.020	0.530	0.004	0.010<	0.034	0.510	0.544	140.00	10.00
81 10 05 1220		.3	1	0.031	0.040	0.880	0.020			0.840		420.00	20.00
MAXIMUM				**0.081**	**0.060**	**1.400**	**0.045**	**0.040**	**0.115**	**1.340**	**1.255**	**840.00**	**40.00**
ARITH MEAN				**0.036**	**0.035**	**0.812**	**0.020**	**0.027**	**0.076**	**0.814**	**0.794**	**382.22**	**14.56**
GEOM MEAN				**0.028**	**0.030**	**0.764**	**0.016**	**0.024**	**0.071**	**0.770**	**0.751**	**310.52**	**10.70**
MINIMUM				**0.010**	**0.010**	**0.500**	**0.004**	**0.010**	**0.041**	**0.490**	**0.531**	**140.00**	**3.00**
STD DEV (GEOM *)				**0.026**	**0.019**	**0.314**	**0.015**	**0.015**	**0.034**	**0.297**	**0.322**	**263.90**	**11.82**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**9**	**4**	**4**	**8**	**4**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				COND25	TURB	CLIDUR	SSO4UR	ALKT	PH	FWPH	FEUT	HARDT	COLAP
81 01 12 1345		.3	1	185.0	14.00	15.000	9.300	50.0	7.20	7.0	0.900	59.000	118.000
81 02 10 1215		.3	1	315.0	28.00	43.000	16.000	57.0	7.10	6.8	1.100	77.000	275.000
81 03 09 1300		.3	1	180.0	14.00	9.800	11.000	58.0	7.60	6.5	0.950	57.000	91.000
81 04 07 1125		.3	1	314.0	31.00	39.000	25.000	84.0	9.10	9.4	1.500	59.000	299.000
81 05 05 1140		.3	1	860.0	36.00	171.000	63.000	84.0	6.40		1.200	132.000	695.000
81 06 08 1300		.3	1	940.0	24.00	190.000	55.000	69.0	6.40	5.5	1.600	153.000	1076.00
81 07 07 1505		.3	1	380.0	18.00	47.000	30.000	77.0	7.00	5.0	1.500	76.000	350.000
81 08 10 1345		.3	1	170.0		8.600	11.000	53.0	7.50	6.8	0.730	58.000	74.000
81 10 05 1220		.3	1	500.0	22.00	110.000	16.000	52.0	6.80	6.5	0.310	95.000	398.000
MAXIMUM				**940.0**	**36.00**	**190.000**	**63.000**	**84.0**	**9.10**	**9.4**	**1.600**	**153.000**	**1076.00**
ARITH MEAN				**427.1**	**23.37**	**70.378**	**26.256**	**64.9**	**7.23**	**6.7**	**1.088**	**85.111**	**375.111**
GEOM MEAN				**353.4**	**22.16**	**41.385**	**20.862**	**63.6**	**7.20**	**6.6**	**0.991**	**79.663**	**266.611**
MINIMUM				**170.0**	**14.00**	**8.600**	**9.300**	**50.0**	**6.40**	**5.0**	**0.310**	**57.000**	**74.000**
STD DEV (GEOM *)				**289.2**	**7.98**	**69.676**	**19.860**	**13.8**	**0.82**	**1.3**	**0.419**	**35.254**	**325.583**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**9**	**9**	**9**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				ASUT	HGUT	CUUT	ZNUT	MNUT	NIUT
81 01 12 1345		.3	1	0.001	0.050<	0.009	0.007	0.050	0.002
81 02 10 1215		.3	1		0.050<	0.011	0.015	0.100	0.002
81 03 09 1300		.3	1			0.004	0.007	0.045	0.001<
81 04 07 1125		.3	1	0.002		0.006	0.019	0.094	0.002
81 05 05 1140		.3	1		0.050<	0.006	0.031	0.270	0.002
81 06 08 1300		.3	1	0.007	0.090	0.014	0.020	0.170	0.001
81 07 07 1505		.3	1		0.050<	0.001	0.001<	0.084	0.001<
81 08 10 1345		.3	1	0.002	0.050<	0.006	0.007	0.047	0.009
81 10 05 1220		.3	1	0.001<	0.050<	0.007	0.021	0.140	0.001<
MAXIMUM				**0.007**	**0.090**	**0.014**	**0.031**	**0.270**	**0.009**
ARITH MEAN				**0.003**	**0.090**	**0.007**	**0.016**	**0.111**	**0.003**
GEOM MEAN				**0.002**		**0.006**	**0.014**	**0.093**	**0.002**
MINIMUM				**0.001**	**0.090**	**0.001**	**0.007**	**0.045**	**0.001**
STD DEV (GEOM *)				**0.003**		**0.004**	**0.009**	**0.073**	**0.003**
# SAMPLES (IN STATISTICS)				**4**	**1**	**9**	**8**	**9**	**6**

B.O.W./ SITE: **ENGLISH RIVER**
SAMPLE POINT: **AT MANITOU FALLS HYDRO DAM**
STATION TYPE: **RIVER FLOW GAUGE FED 05QE007**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-007-02**
STORET CODE: **05 001 1890**

LAT: LONG: U.T.M: **15 0467750.0 5603450.0 4** REGION: **06** DISTANCE: **193.525**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3/S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 01 26 0940		.3	1	21100		382.000	0.0		0.3	0.023	0.009	0.010<	0.250
81 02 23 1015		.3	1	21102		406.000	1.0	12.5	0.4	0.017	0.011	0.010<	0.220
81 03 23 1045		.3	1	21104		168.000	1.5	11.5	0.2	0.016	0.009	0.010<	0.340
81 04 29 0915		.3	1	21106		119.000	3.0	12.0	0.4	0.019	0.004	0.020	0.370
81 05 25 1635		.3	1	21108		69.800	12.0	8.0	0.6	0.018	0.003	0.020	0.410
81 06 22 1700		.3	1	21110	6	28.200	16.5	9.0	0.5	0.027		0.020	0.370
81 07 20 1543		.3	1	21112		25.600	22.0	8.3	0.8	0.020	0.006	0.020	0.410
81 08 17 1530		.3	1	21115		129.000	20.5	7.1	0.1	0.022	0.008	0.030	0.390
81 09 21 1500		.3	1	21117		267.000	14.0	10.4	0.3	0.027	0.014	0.030	0.340
81 10 26 1100		.3	1	21120		188.000	4.0	8.0	0.6	0.030	0.012	0.010<	0.330
MAXIMUM						**406.000**	**22.0**	**12.5**	**0.8**	**0.030**	**0.014**	**0.030**	**0.410**
ARITH MEAN						**178.260**	**10.5**	**9.6**	**0.4**	**0.022**	**0.008**	**0.023**	**0.343**
GEOM MEAN						**126.039**	**6.6**	**9.5**	**0.4**	**0.021**	**0.008**	**0.023**	**0.337**
MINIMUM						**25.600**	**1.0**	**7.1**	**0.1**	**0.016**	**0.003**	**0.020**	**0.220**
STD DEV (GEOM *)						**135.390**	**8.3**	**2.0**	**0.2**	**0.005**	**0.004**	**0.005**	**0.064**
# SAMPLES (IN STATISTICS)						**10**	**9**	**9**	**10**	**10**	**9**	**6**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*	*TURB*	*CLIDUR*
81 01 26 0940		.3	1	0.002	0.080	0.092	0.240	0.332	60.00	2.00	92.0	3.20	0.500
81 02 23 1015		.3	1	0.003	0.080	0.093	0.210	0.303	80.00	1.00	86.0	2.50	0.400
81 03 23 1045		.3	1	0.002	0.070	0.082	0.330	0.412	100.00	1.00	90.0	2.70	0.500
81 04 29 0915		.3	1	0.002	0.020	0.042	0.350	0.392	60.00	3.00	89.0	3.30	0.500
81 05 25 1635		.3	1	0.002	0.010	0.032	0.390	0.422	70.00	4.00	94.0	3.00	0.600
81 06 22 1700		.3	1	0.005	0.040	0.065	0.350	0.415	100.00	7.00	97.0	6.80	0.600
81 07 20 1543		.3	1	0.004	0.010	0.034	0.390	0.424	80.00	4.00	96.0	3.60	0.800
81 08 17 1530		.3	1	0.003	0.020	0.053	0.360	0.413	80.00	5.00	100.0	4.40	0.600
81 09 21 1500		.3	1	0.003	0.020	0.053	0.310	0.363	90.00	5.00	96.0	5.50	0.500
81 10 26 1100		.3	1	0.003	0.010<	0.023	0.320	0.343	110.00	6.00	102.0	6.90	0.400
MAXIMUM				**0.005**	**0.080**	**0.093**	**0.390**	**0.424**	**110.00**	**7.00**	**102.0**	**6.90**	**0.800**
ARITH MEAN				**0.003**	**0.039**	**0.061**	**0.326**	**0.386**	**83.00**	**3.80**	**94.2**	**4.19**	**0.540**
GEOM MEAN				**0.003**	**0.029**	**0.056**	**0.319**	**0.384**	**81.40**	**3.16**	**94.1**	**3.93**	**0.529**
MINIMUM				**0.002**	**0.010**	**0.032**	**0.210**	**0.303**	**60.00**	**1.00**	**86.0**	**2.50**	**0.400**
STD DEV (GEOM *)				**0.001**	**0.030**	**0.024**	**0.063**	**0.044**	**17.03**	**2.04**	**5.0**	**1.65**	**0.117**
# SAMPLES (IN STATISTICS)				**10**	**9**	**9**	**9**	**9**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG
TEST-NAME:				*SSO4UR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*	*ASUT*	*HGUT*
81 01 26 0940		.3	1	3.000	3.000	40.0	7.30	7.0	0.300	40.000	42.000	0.002	0.120
81 02 23 1015		.3	1	2.000	2.000	41.0	7.30	6.8	0.250	40.000	41.000	0.003	0.050<
81 03 23 1045		.3	1	3.200	5.000	39.0	7.10	7.1	0.250	41.000	37.000	0.001	0.15
81 04 29 0915		.3	1	4.600	4.000	39.0	7.60	7.1	0.270	41.000	36.000	0.002	0.050<
81 05 25 1635		.3	1	3.100	4.000	40.0	7.40	7.2	0.210	41.000	39.000	0.004<	0.050<
81 06 22 1700		.3	1	2.800	3.000	42.0	7.20	7.5	0.400	41.000	52.000	0.004<	0.050<
81 07 20 1543		.3	1	3.000	3.000	42.0	7.70	7.6		45.000	39.000		
81 08 17 1530		.3	1	2.100	2.000	42.0	7.70	7.6	0.210	45.000	38.000	0.009	0.050<
81 09 21 1500		.3	1	2.000	2.000	43.0	7.80	7.7	0.270	45.000	37.000	0.001	0.050<
81 10 26 1100		.3	1	2.000		46.0	8.20	7.1	0.380	49.000	39.000	0.004	
MAXIMUM				**4.600**	**5.000**	**46.0**	**8.20**	**7.7**	**0.400**	**49.000**	**52.000**	**0.009**	**0.15**
ARITH MEAN				**2.780**	**3.111**	**41.4**	**7.53**	**7.3**	**0.282**	**42.800**	**40.000**	**0.003**	**0.13**
GEOM MEAN				**2.683**	**2.957**	**41.4**	**7.52**	**7.3**	**0.276**	**42.708**	**39.790**	**0.002**	**0.13**
MINIMUM				**2.000**	**2.000**	**39.0**	**7.10**	**6.8**	**0.210**	**40.000**	**36.000**	**0.001**	**0.120**
STD DEV (GEOM *)				**0.815**	**1.054**	**2.1**	**0.33**	**0.3**	**0.068**	**3.011**	**4.595**	**0.003**	**0.02**
# SAMPLES (IN STATISTICS)				**10**	**9**	**10**	**10**	**10**	**9**	**10**	**10**	**7**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*	*CCNAUR*
81 01 26 0940		.3	1		0.002	0.005	0.003	0.001	0.025		0.001<	0.001	0.010<
81 02 23 1015		.3	1		0.001	0.001<	0.002	0.001<	0.003		0.001<	0.002	0.010<
81 03 23 1045		.3	1			0.004	0.001	0.001	0.003		0.001<	0.001	0.010<
81 04 29 0915		.3	1		0.004	0.002	0.003	0.001	0.004	0.007	0.007	0.001	0.010<
81 05 25 1635		.3	1	0.170	0.001<	0.001<	0.006	0.001<	0.001	0.012	0.003	0.001<	0.010<
81 06 22 1700		.3	1			0.004	0.001<	0.001<	0.002	0.012	0.001	0.004	0.010<
81 07 20 1543		.3	1										0.010<
81 08 17 1530		.3	1	0.410	0.001<	0.003	0.001	0.001	0.001	0.013	0.001<	0.001<	0.010<
81 09 21 1500		.3	1			0.001<	0.001<	0.001	0.001<	0.012	0.004	0.001<	0.010<
81 10 26 1100		.3	1		0.002	0.004	0.001	0.001<	0.003		0.001<	0.001<	
MAXIMUM				**0.410**	**0.004**	**0.005**	**0.006**	**0.001**	**0.025**	**0.013**	**0.007**	**0.004**	
ARITH MEAN				**0.290**	**0.002**	**0.004**	**0.002**	**0.001**	**0.005**	**0.011**	**0.004**	**0.002**	
GEOM MEAN				**0.264**	**0.002**	**0.004**	**0.002**	**0.001**	**0.003**	**0.011**	**0.003**	**0.002**	
MINIMUM				**0.170**	**0.001**	**0.002**	**0.001**	**0.001**	**0.001**	**0.007**	**0.001**	**0.001**	
STD DEV (GEOM *)				**0.170**	**0.001**	**0.001**	**0.002**	**0.000**	**0.008**	**0.002**	**0.002**	**0.001**	
# SAMPLES (IN STATISTICS)				**2**	**4**	**6**	**7**	**5**	**8**	**5**	**4**	**5**	

B.O.W./ SITE: **TROUTLAKE RIVER**
SAMPLE POINT: **AT HIGHWAY NO 105**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-008-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0470080.0 5630060.0 4** REGION: **06** DISTANCE: **233.349**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 01 26 1040	.3	1		21101	4	0.0		1.0	0.025	0.001<	0.070	0.590	0.003
81 02 23 1030	.3	1		21103	4	0.0	13.0	2.0	0.021	0.001<	0.090	0.950	0.003
81 03 23 1200	.3	1		21105	4	1.0	9.0	0.5	0.011	0.002	0.010	0.340	0.002
81 04 29 1015	.3	1		21107		6.0	12.0	0.8	0.020	0.001	0.020	0.340	0.002
81 05 25 1750	.3	1		21109		13.0	9.0	0.7	0.031	0.005	0.010	0.350	0.002
81 06 22 1600	.3	1		21111	6	20.0	9.4	0.8	0.035		0.060	0.460	0.017
81 07 20 1630	.3	1		21113		23.0	8.2	0.8	0.034	0.008	0.020	0.460	0.005
81 08 17 1630	.3	1		21114		20.5	7.6	0.5	0.029	0.008	0.010<	0.430	0.002
81 09 21 1650	.3	1		21116		12.5	10.9	0.6	0.028	0.005	0.030	0.440	0.003
81 10 26 1200	.3	1		21121		1.0	11.0	0.6	0.034	0.006	0.010<	0.420	0.003
MAXIMUM						**23.0**	**13.0**	**2.0**	**0.035**	**0.008**	**0.090**	**0.950**	**0.017**
ARITH MEAN						**12.1**	**10.0**	**0.8**	**0.027**	**0.005**	**0.039**	**0.478**	**0.004**
GEOM MEAN						**7.4**	**9.9**	**0.8**	**0.026**	**0.004**	**0.029**	**0.455**	**0.003**
MINIMUM						**1.0**	**7.6**	**0.5**	**0.011**	**0.001**	**0.010**	**0.340**	**0.002**
STD DEV (GEOM *)						**8.8**	**1.8**	**0.4**	**0.008**	**0.003**	**0.030**	**0.182**	**0.005**
# SAMPLES (IN STATISTICS)						**8**	**9**	**10**	**10**	**7**	**8**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4
81 01 26 1040	.3	1		0.060	0.133	0.520	0.653	70.00	3.00	106.0	1.30	1.200	3.000
81 02 23 1030	.3	1		0.120	0.213	0.860	1.073	90.00	8.00	101.0	2.00	3.000	3.100
81 03 23 1200	.3	1		0.080	0.092	0.330	0.422	80.00	1.00	104.0	2.00	0.700	3.900
81 04 29 1015	.3	1		0.020	0.042	0.320	0.362	60.00	3.00	93.0	1.70	0.600	1.200
81 05 25 1750	.3	1		0.010<	0.022	0.340	0.362	100.00	20.00	104.0	16.00	0.800	3.800
81 06 22 1600	.3	1		0.010	0.087	0.400	0.487	110.00	7.00	110.0	14.00	0.800	4.200
81 07 20 1630	.3	1		0.010	0.035	0.440	0.475	100.00	20.00	116.0	18.00	0.800	3.500
81 08 17 1630	.3	1		0.010	0.022	0.420	0.442	100.00	9.00	124.0	5.90	1.700	5.300
81 09 21 1650	.3	1		0.010<	0.043	0.410	0.453	130.00	9.00	116.0	6.50	0.700	5.300
81 10 26 1200	.3	1		0.020	0.033	0.410	0.443	70.00	6.00	108.0	5.20	0.800	5.200
MAXIMUM				**0.120**	**0.213**	**0.860**	**1.073**	**130.00**	**20.00**	**124.0**	**18.00**	**3.000**	**5.300**
ARITH MEAN				**0.041**	**0.082**	**0.462**	**0.545**	**91.00**	**8.60**	**108.2**	**7.26**	**1.110**	**3.850**
GEOM MEAN				**0.026**	**0.063**	**0.441**	**0.514**	**88.74**	**6.30**	**107.9**	**4.84**	**0.970**	**3.590**
MINIMUM				**0.010**	**0.022**	**0.320**	**0.362**	**60.00**	**1.00**	**93.0**	**1.30**	**0.600**	**1.200**
STD DEV (GEOM *)				**0.041**	**0.065**	**0.172**	**0.229**	**21.32**	**6.59**	**8.8**	**6.37**	**0.739**	**1.273**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**8**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 01 26 1040	.3	1		4.000	44.0	7.20	6.9	0.250	47.000	41.000	0.020	0.070	
81 02 23 1030	.3	1		3.000	42.0	7.20	7.0	0.900	42.000	32.000	0.004	0.060	
81 03 23 1200	.3	1		6.000	44.0	7.10	7.0	0.200	45.000	30.000	0.001	0.26	0.063
81 04 29 1015	.3	1		4.000	39.0	7.50	7.1	0.210	39.000	25.000	0.001	0.060	
81 05 25 1750	.3	1		3.000	42.0	7.60	7.1	1.300	43.000	36.000	0.004<	0.050<	0.830
81 06 22 1600	.3	1		3.000	46.0	7.30	8.0		46.000	63.000	0.004	0.050	0.015
81 07 20 1630	.3	1		2.000	48.0	7.80	7.5		53.000	69.000			
81 08 17 1630	.3	1		1.000	48.0	7.80	7.6	0.370	52.000	51.000	0.009	0.050<	0.035
81 09 21 1650	.3	1		2.000	48.0	7.70	7.3	0.630	52.000	63.000			
81 10 26 1200	.3	1			46.0	7.80	7.0	0.370	49.000	69.000	0.004		
MAXIMUM				**6.000**	**48.0**	**7.80**	**8.0**	**1.300**	**53.000**	**69.000**	**0.020**	**0.26**	**0.830**
ARITH MEAN				**3.111**	**44.7**	**7.50**	**7.2**	**0.529**	**46.800**	**47.900**	**0.006**	**0.10**	**0.236**
GEOM MEAN				**2.794**	**44.6**	**7.50**	**7.2**	**0.425**	**46.584**	**45.012**	**0.004**	**0.08**	**0.072**
MINIMUM				**1.000**	**39.0**	**7.10**	**6.9**	**0.200**	**39.000**	**25.000**	**0.001**	**0.050**	**0.015**
STD DEV (GEOM *)				**1.453**	**3.1**	**0.28**	**0.4**	**0.393**	**4.709**	**17.136**	**0.007**	**0.09**	**0.397**
# SAMPLES (IN STATISTICS)				**9**	**10**	**10**	**10**	**8**	**10**	**10**	**7**	**5**	**4**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 01 26 1040	.3	1		0.002	0.005	0.007	0.001	0.016		0.002	0.001
81 02 23 1030	.3	1		0.002	0.001<	0.012	0.001	0.020		0.001<	0.001
81 03 23 1200	.3	1		0.001<	0.003	0.020	0.001	0.004		0.001	0.001
81 04 29 1015	.3	1		0.003	0.001	0.032	0.001	0.001<	0.012	0.008	0.002
81 05 25 1750	.3	1		0.001	0.001<	0.001	0.001<	0.002	0.018	0.004	0.001<
81 08 17 1630	.3	1		0.001<	0.001	0.001	0.002	0.001	0.021	0.006	0.001
81 10 26 1200	.3	1		0.001	0.005	0.001<	0.001	0.012		0.003	0.001<
MAXIMUM				**0.003**	**0.005**	**0.032**	**0.002**	**0.020**	**0.021**	**0.008**	**0.002**
ARITH MEAN				**0.002**	**0.003**	**0.012**	**0.001**	**0.009**	**0.017**	**0.004**	**0.001**
GEOM MEAN				**0.002**	**0.002**	**0.006**	**0.001**	**0.006**	**0.017**	**0.003**	**0.001**
MINIMUM				**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.012**	**0.001**	**0.001**
STD DEV (GEOM *)				**0.001**	**0.002**	**0.012**	**0.000**	**0.008**	**0.005**	**0.003**	**0.000**
# SAMPLES (IN STATISTICS)				**5**	**5**	**6**	**6**	**6**	**3**	**6**	**5**

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **DNSTR.FROM CONFLUENCE WITH BAUDETTE R.**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**

STATION ID: **19-0001-009-02**
STORET CODE: **05 001**

LAT. | LONG | U.T.M.: **15 0382950.0 5397300.0 4** | REGION: **06** | DISTANCE: **225.946**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 12 1510		.3	1	21307	4	16000C	310000	27000C	0.0	13.0	0.8	0.022	0.001
81 02 16 1315		.3	1	21315	4	2700	2900	2000I	0.0	12.0	0.8	0.029	0.002
81 03 17 0955		.3	1	21321	4	14000	1000I	13000	0.0	11.5	1.1	0.040	0.004
81 04 28 1250		.3	1	21327		17000	12000	700I	9.2	9.8	1.1	0.081	0.024
81 05 20 1130		.3	1	21333		7600	50000	17000	15.0	9.0	1.3	0.028	0.007
81 06 16 1630		.3	1	21341		600I	2900	800I	22.0	9.2	1.1	0.035	0.008
81 07 13 1640		.3	1	21347		300C	30000	20I	22.5	7.0	0.9	0.044	0.017
81 08 11 1130		.3	1	21353		80C	3800	10I	21.5	7.3	0.5	0.032	0.011
81 09 08 1255		.3	1	21359		400C	30000	10I	17.0	9.4	0.2	0.033	0.006
81 10 13 1045		.3	1	21365		600I	2500	2800	9.0	11.2	0.9	0.038	0.014
81 11 09 1530		.3	1	21371	6	120	690	1100	2.0	11.7	0.7	0.020	0.006
MAXIMUM						**17000**	**310000**	**27000**	**22.5**	**13.0**	**1.3**	**0.081**	**0.024**
ARITH MEAN						**5400**	**40526**	**5858**	**14.8**	**10.1**	**0.9**	**0.037**	**0.009**
GEOM MEAN						**1372**	**8052**	**748**	**12.1**	**9.9**	**0.8**	**0.034**	**0.007**
MINIMUM						**80**	**690**	**10**	**2.0**	**7.0**	**0.2**	**0.020**	**0.001**
STD DEV (GEOM *)						7*	6*	18*	7.5	1.9	0.3	0.016	0.007
# SAMPLES (IN STATISTICS)						11	11	11	8	11	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*
81 01 12 1510		.3	1								90.00	5.00	88.0
81 02 16 1315		.3	1								60.00	7.00	76.0
81 03 17 0955		.3	1								90.00	4.00	100.0
81 04 28 1250		.3	1								190.00	50.00	148.0
81 05 20 1130		.3	1								130.00	30.00	85.0
81 06 16 1630		.3	1								210.00	8.00	75.0
81 07 13 1640		.3	1	0.020	0.580	0.005	0.010	0.035	0.560	0.595	90.00	4.00	87.0
81 08 11 1130		.3	1								100.00	2.00	105.0
81 09 08 1255		.3	1								100.00	4.00	116.0
81 10 13 1045		.3	1								130.00	6.00	122.0
81 11 09 1530		.3	1								90.00	5.00	90.0
MAXIMUM				**0.020**	**0.580**	**0.005**	**0.010**	**0.035**	**0.560**	**0.595**	**210.00**	**50.00**	**148.0**
ARITH MEAN				**0.020**	**0.580**	**0.005**	**0.010**	**0.035**	**0.560**	**0.595**	**116.36**	**11.36**	**99.3**
GEOM MEAN											**109.28**	**6.87**	**97.2**
MINIMUM				**0.020**	**0.580**	**0.005**	**0.010**	**0.035**	**0.560**	**0.595**	**60.00**	**2.00**	**75.0**
STD DEV (GEOM *)											**45.89**	**14.94**	**22.1**
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				*TURB*	*CLIDUR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*	*ASUT*
81 01 12 1510		.3	1	1.90	3.900		27.0	6.90	6.9		28.000	51.000	
81 02 16 1315		.3	1	1.60	4.000		25.0	6.80	6.9	0.150	26.000	42.000	0.003
81 03 17 0955		.3	1	1.80	5.700		32.0	7.20	6.9		35.000	54.000	
81 04 28 1250		.3	1	36.00	4.000		53.0	7.50	7.75		67.000	166.000	
81 05 20 1130		.3	1	4.50	3.000		30.0	7.30	7.5	0.530	35.000	75.000	0.004<
81 06 16 1630		.3	1	2.20	7.700		77.0	7.50	7.2		93.000	106.000	
81 07 13 1640		.3	1	2.70	2.900	3.000	30.0	7.40	7.6		38.000	99.000	
81 08 11 1130		.3	1	2.50	4.100	3.000	36.0	7.40	7.7		44.000	80.000	0.002
81 09 08 1255		.3	1	2.50	6.000		37.0	7.60	7.8		44.000	86.000	
81 10 13 1045		.3	1	5.10	3.900		44.0	7.50	7.3		59.000	208.000	0.001<
81 11 09 1530		.3	1	2.30	5.500		25.0	7.10	6.7		36.000	79.000	0.001<
MAXIMUM				**36.00**	**7.700**	**3.000**	**77.0**	**7.60**	**7.8**	**0.530**	**93.000**	**208.000**	**0.003**
ARITH MEAN				**5.74**	**4.609**	**3.000**	**37.8**	**7.29**	**7.3**	**0.340**	**45.909**	**95.091**	**0.002**
GEOM MEAN				**3.22**	**4.420**	**3.000**	**35.6**	**7.29**	**7.2**	**0.282**	**42.735**	**85.160**	**0.002**
MINIMUM				**1.60**	**2.900**	**3.000**	**25.0**	**6.80**	**6.7**	**0.150**	**26.000**	**42.000**	**0.002**
STD DEV (GEOM *)				**10.10**	**1.449**	**0.000**	**15.5**	**0.26**	**0.4**	**0.269**	**19.892**	**50.334**	**0.001**
# SAMPLES (IN STATISTICS)				**11**	**11**	**2**	**11**	**11**	**11**	**2**	**11**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MERCURY UNF.TOT. UG/L AS HG	ALUMINUM UNF.TOT. MG/L AS AL	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO
TEST-NAME:				*HGUT*	*ALUT*	*CRUT*	*CUUT*	*PBUT*	*CDUT*	*ZNUT*	*MNUT*	*NIUT*	*COUT*
81 02 16 1315		.3	1			0.002	0.001<	0.005	0.001<	0.014	0.018	0.001<	0.001<
81 05 20 1130		.3	1	0.050<		0.001	0.003	0.005	0.001<	0.006	0.032	0.001	0.002
81 08 11 1130		.3	1			0.001<	0.006	0.001<	0.001	0.002		0.004	0.001<
81 09 08 1255		.3	1	0.050<									
81 10 13 1045		.3	1	0.050<	0.260	0.002	0.002	0.001	0.001	0.003		0.002	0.001<
81 11 09 1530		.3	1		0.250	0.003	0.008	0.001	0.001	0.003		0.001	0.001<
MAXIMUM					**0.260**	**0.003**	**0.008**	**0.005**	**0.001**	**0.014**	**0.032**	**0.004**	**0.002**
ARITH MEAN					**0.255**	**0.002**	**0.005**	**0.003**	**0.001**	**0.006**	**0.025**	**0.002**	**0.002**
GEOM MEAN					**0.255**	**0.002**	**0.004**	**0.002**	**0.001**	**0.004**	**0.024**	**0.002**	
MINIMUM					**0.250**	**0.001**	**0.002**	**0.001**	**0.001**	**0.002**	**0.018**	**0.001**	**0.002**
STD DEV (GEOM *)					**0.007**	**0.001**	**0.003**	**0.002**	**0.000**	**0.005**	**0.010**	**0.001**	
# SAMPLES (IN STATISTICS)					**2**	**4**	**4**	**4**	**3**	**5**	**2**	**4**	**1**

(CONTD)

	TEST-NAME:	CCNAUR
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 20 1130	.3 1	0.010<
81 08 11 1130	.3 1	0.010<
81 10 13 1045	.3 1	0.01 <
81 11 09 1530	.3 1	0.005<
MAXIMUM		
ARITH MEAN		
GEOM MEAN		
MINIMUM		
STD DEV (GEOM *)		
# SAMPLES (IN STATISTICS)		

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **UPSTR.FROM CONFLUENCE WITH BAUDETTE R.**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-010-02**
STORET CODE: **05 001**
LAT LONG. U T M: **15 0385600.0 5396850.0 4** REGION: **06** DISTANCE: **228.521**

	TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
81 01 12 1445	.3 1	21306	4	19000	250000	9000I	0.0	13.0	1.6	0.028	0.001
81 02 16 1345	.3 1	21314	4	3300	1700	2000I	0.0	12.0	0.6	0.027	0.003
81 03 17 1010	.3 1	21320	4	7000I	1000	13100	0.0	11.0	0.8	0.033	0.005
81 04 28 1315	.3 1	21326		11000	4000	4400	10.0	10.0	1.1	0.086	0.023
81 05 20 1200	.3 1	21332		2400	3000	11000	14.0	8.0	1.0	0.047	0.003
81 06 16 1600	.3 1	21340		500I	4800	900I	20.0	9.1	0.7	0.028	0.008
81 07 13 1623	.3 1	21346		500C	30000	10<	22.0	7.5	0.8	0.033	0.007
81 08 11 1100	.3 1	21352		340C	5000	20I	22.0	8.0	0.6	0.032	0.011
81 09 08 1245	.3 1	21358		100I	4400	10I	18.0	9.5	0.3	0.028	0.006
81 10 13 1030	.3 1	21364		400I	4900	1800	9.0	10.2	0.8	0.038	0.014
81 11 09 1550	.3 1	21370	6	420	980	600I	1.5	8.6	0.9	0.036	0.008
MAXIMUM				**19000**	**250000**	**13100**	**22.0**	**13.0**	**1.6**	**0.086**	**0.023**
ARITH MEAN				**4087**	**28162**	**4283**	**14.6**	**9.7**	**0.8**	**0.038**	**0.008**
GEOM MEAN				**1291**	**5215**	**1083**	**11.6**	**9.6**	**0.8**	**0.036**	**0.006**
MINIMUM				**100**	**980**	**10**	**1.5**	**7.5**	**0.3**	**0.027**	**0.001**
STD DEV (GEOM *)				**5***	**5***	**12***	**7.3**	1.7	**0.3**	**0.017**	**0.006**
# SAMPLES (IN STATISTICS)				**11**	**11**	**10**	**8**	**11**	**11**	**11**	**11**

	TEST-NAME:	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
81 01 12 1445	.3 1								110.00	5.00	90.0
81 02 16 1345	.3 1								40.00	4.00	78.0
81 03 17 1010	.3 1								70.00	4.00	100.0
81 04 28 1315	.3 1								180.00	50.00	138.0
81 05 20 1200	.3 1								70.00	5.00	82.0
81 06 16 1600	.3 1								120.00	8.00	110.0
81 07 13 1623	.3 1	0.010<	0.500	0.005	0.030	0.045	0.490	0.535	100.00	7.00	84.0
81 08 11 1100	.3 1								70.00	2.00	105.0
81 09 08 1245	.3 1								110.00	4.00	115.0
81 10 13 1030	.3 1								140.00	8.00	120.0
81 11 09 1550	.3 1								120.00	8.00	112.0
MAXIMUM			**0.500**	**0.005**	**0.030**	**0.045**	**0.490**	**0.535**	**180.00**	**50.00**	**138.0**
ARITH MEAN			**0.500**	**0.005**	**0.030**	**0.045**	**0.490**	**0.535**	**102.73**	**9.55**	**103.1**
GEOM MEAN									**95.50**	**6.25**	**101.6**
MINIMUM			**0.500**	**0.005**	**0.030**	**0.045**	**0.490**	**0.535**	**40.00**	**2.00**	**78.0**
STD DEV (GEOM *)									**39.01**	**13.57**	**18.4**
# SAMPLES (IN STATISTICS)			**1**	**1**	**1**	**1**	**1**	**1**	**11**	**11**	**11**

	TEST-NAME:	TURB	CLIDUR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP	HGUT
SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG / SAMP DEPTH MTRS / PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	MERCURY UNF.TOT. UG/L AS HG
81 01 12 1445	.3 1	2.10	4.300		28.0	6.80	7.1		30.000	49.000	
81 02 16 1345	.3 1	1.40	3.900		26.0	6.90	6.9	0.200	26.000	40.000	
81 03 17 1010	.3 1	2.00	5.500		32.0	7.20	6.9		35.000	52.000	
81 04 28 1315	.3 1	38.00	4.000		50.0	7.50	8.0		62.000	169.000	
81 05 20 1200	.3 1	2.00	3.100		29.0	7.10	7.5	0.240	31.000	68.000	
81 06 16 1600	.3 1	2.50	2.900		40.0	7.20	7.0		46.000	104.000	
81 07 13 1623	.3 1	3.40	3.000	2.000	29.0	7.30	7.4		36.000	96.000	
81 08 11 1100	.3 1	2.30	4.100	3.000	36.0	7.40	7.5		42.000	80.000	
81 09 08 1245	.3 1	2.50	6.100		36.0	7.40	7.8		44.000	83.000	0.050<
81 10 13 1030	.3 1	5.30	4.100		43.0	7.50	7.4		57.000	208.000	
81 11 09 1550	.3 1	3.40	4.900		39.0	7.40	7.0		47.000	136.000	
MAXIMUM		**38.00**	**6.100**	**3.000**	**50.0**	**7.50**	**8.0**	**0.240**	**62.000**	**208.000**	
ARITH MEAN		**5.90**	**4.173**	**2.500**	**35.3**	**7.25**	**7.3**	**0.220**	**41.455**	**98.636**	
GEOM MEAN		**3.23**	**4.064**	**2.449**	**34.6**	**7.24**	**7.3**	**0.219**	**40.092**	**87.128**	
MINIMUM		**1.40**	**2.900**	**2.000**	**26.0**	**6.80**	**6.9**	**0.200**	**26.000**	**40.000**	
STD DEV (GEOM *)		**10.70**	**1.014**	**0.707**	7.4	**0.23**	**0.4**	**0.028**	**11.282**	**52.868**	
# SAMPLES (IN STATISTICS)		**11**	**11**	**2**	**11**	**11**	**11**	**2**	**11**	**11**	

(CONTD)

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **UPSTR.FROM CONFLUENCE WITH BAUDETTE R.**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-010-02**
STORET CODE: **05 001**
LAT: LONG: U.T.M: **15 0385600.0 5396850.0 4** REGION: **06** DISTANCE: **228.521**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				MNUT
81 02 16 1345		.3	1	0.014
81 05 20 1200		.3	1	0.021
MAXIMUM				0.021
ARITH MEAN				0.017
GEOM MEAN				0.017
MINIMUM				0.014
STD DEV (GEOM *)				0.005
# SAMPLES (IN STATISTICS)				2

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **ABOVE EMO**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-011-02**
STORET CODE: **05 001**
LAT: LONG: U.T.M: **15 0438550.0 5386000.0 4** REGION: **06** DISTANCE: **308.606**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 01 13 1020		.3	1	21304		21000	200000	16000	0.0	12.0	0.6	0.022	0.005
81 02 17 1000		.3	1	21312		5600	24000	3800	0.0	12.0	0.6	0.022	0.005
81 03 17 1120		.3	1	21318		13000	10000	19000	2.0	11.0	1.4	0.047	0.008
81 04 28 1430		.3	1	21324		43000	3000I	14000	10.0	10.2	1.3	0.073	0.014
81 05 20 1240		.3	1	21330	9	2000	13000	2100	16.0	10.5	1.6	0.042	0.004
81 06 16 1500		.3	1	21338		2700	20000	1600	18.0	8.4	1.0	0.030	0.008
81 07 13 1425		.3	1	21344		200C	30000	100I	22.5	8.0	0.9	0.034	0.007
81 08 11 0925		.3	1	21350		300C	80000	20I	21.5	7.0	0.3	0.043	0.015
81 09 08 1130		.3	1	21356		200I	3800	220	18.0	8.4	0.4	0.030	0.010
81 10 13 0940		.3	1	21362	6	1100	12000	10000	10.0	8.9	0.9	0.038	0.019
81 11 10 0855		.3	1	21368	6	6500	2400	6000I	2.0	12.4	0.9	0.028	0.008
MAXIMUM						**43000**	**200000**	**19000**	**22.5**	**12.4**	**1.6**	**0.073**	**0.019**
ARITH MEAN						**8691**	**36200**	**6622**	**13.3**	**9.9**	**0.9**	**0.037**	**0.009**
GEOM MEAN						**2556**	**15176**	**1936**	**10.0**	**9.7**	**0.8**	**0.035**	**0.008**
MINIMUM						**200**	**2400**	**20**	**2.0**	**7.0**	**0.3**	**0.022**	**0.004**
STD DEV (GEOM *)						6*	4*	10*	7.7	1.9	0.4	0.014	0.005
# SAMPLES (IN STATISTICS)						11	11	11	9	11	11	11	11

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
81 01 13 1020		.3	1								80.00	1.00	75.0
81 02 17 1000		.3	1										70.0
81 03 17 1120		.3	1								90.00	7.00	98.0
81 04 28 1430		.3	1								150.00	40.00	127.0
81 05 20 1240		.3	1								90.00	1.00	84.0
81 06 16 1500		.3	1								90.00	10.00	80.0
81 07 13 1425		.3	1	0.010	0.460	0.004	0.020	0.034	0.450	0.484	50.00	8.00	76.0
81 08 11 0925		.3	1								70.00	5.00	92.0
81 09 08 1130		.3	1								90.00	5.00	106.0
81 10 13 0940		.3	1								120.00	9.00	114.0
81 11 10 0855		.3	1								90.00	5.00	96.0
MAXIMUM				**0.010**	**0.460**	**0.004**	**0.020**	**0.034**	**0.450**	**0.484**	**150.00**	**40.00**	**127.0**
ARITH MEAN				**0.010**	**0.460**	**0.004**	**0.020**	**0.034**	**0.450**	**0.484**	**92.00**	**9.10**	**92.5**
GEOM MEAN											**88.59**	**5.50**	**91.0**
MINIMUM				**0.010**	**0.460**	**0.004**	**0.020**	**0.034**	**0.450**	**0.484**	**50.00**	**1.00**	**70.0**
STD DEV (GEOM *)											**27.00**	**11.27**	**17.9**
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**10**	**10**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU	ARSENIC UNF.TOT. MG/L AS AS
TEST-NAME:				TURB	CLIDUR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP	ASUT
81 01 13 1020		.3	1	1.70	4.000		22.0	6.80	6.8		24.000	42.000	
81 02 17 1000		.3	1	1.50	3.500		23.0	6.80	7.4	0.150	24.000	39.000	0.002
81 03 17 1120		.3	1	3.00	5.500		30.0	7.30	7.0		33.000	61.000	
81 04 28 1430		.3	1	23.00	5.700		40.0	7.30	7.55		53.000	146.000	
81 05 20 1240		.3	1	2.70	2.600		31.0	7.10	7.5	0.440	35.000	63.000	0.004<
81 06 16 1500		.3	1	4.60	2.600		27.0	7.00	6.8		32.000	83.000	
81 07 13 1425		.3	1	4.20	3.200	3.000	24.0	7.30	7.5		29.000	70.000	
81 08 11 0925		.3	1	3.00	5.000	4.000	29.0	7.10			34.000	63.000	0.002
81 09 08 1130		.3	1	3.20	6.800		30.0	7.30	7.6		37.000	61.000	
81 10 13 0940		.3	1	5.50	6.100		36.0	7.30	7.3		48.000	146.000	0.001<
81 11 10 0855		.3	1	2.80	5.800		28.0	7.00	6.8		37.000	81.000	0.001<
MAXIMUM				**23.00**	**6.800**	**4.000**	**40.0**	**7.30**	**7.6**	**0.440**	**53.000**	**146.000**	**0.002**
ARITH MEAN				**5.02**	**4.618**	**3.500**	**29.1**	**7.12**	**7.2**	**0.295**	**35.091**	**77.727**	**0.002**
GEOM MEAN				**3.61**	**4.381**	**3.464**	**28.7**	**7.12**	**7.2**	**0.257**	**34.126**	**71.315**	**0.002**
MINIMUM				**1.50**	**2.600**	**3.000**	**22.0**	**6.80**	**6.8**	**0.150**	**24.000**	**39.000**	**0.002**
STD DEV (GEOM *)				6.08	1.491	0.707	5.4	0.20	0.3	0.205	8.905	36.318	0.000
# SAMPLES (IN STATISTICS)				11	11	2	11	11	10	2	11	11	2

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 02 17 1000		.3	1			0.001	0.001<	0.006	0.001<	0.009	0.010	0.001<	0.001
81 05 20 1240		.3	1	0.050<		0.003	0.004	0.004	0.001<	0.005	0.051	0.001<	0.001<
81 08 11 0925		.3	1			0.001<	0.001	0.001<	0.001	0.002		0.003	0.001<
81 09 08 1130		.3	1	0.050<									
81 10 13 0940		.3	1	0.050<	0.310	0.001	0.009	0.001	0.001<	0.016		0.001	0.001
81 11 10 0855		.3	1		0.130	0.002	0.007	0.003	0.003	0.012		0.002	0.001<
MAXIMUM					**0.310**	**0.003**	**0.009**	**0.006**	**0.003**	**0.016**	**0.051**	**0.003**	**0.001**
ARITH MEAN					**0.220**	**0.002**	**0.005**	**0.003**	**0.002**	**0.009**	**0.030**	**0.002**	**0.001**
GEOM MEAN					**0.201**	**0.002**	**0.004**	**0.003**	**0.002**	**0.007**	**0.023**	**0.002**	**0.001**
MINIMUM					**0.130**	**0.001**	**0.001**	**0.001**	**0.001**	**0.002**	**0.010**	**0.001**	**0.001**
STD DEV (GEOM *)					**0.127**	**0.001**	**0.003**	**0.002**	**0.001**	**0.006**	**0.029**	**0.001**	**0.000**
# SAMPLES (IN STATISTICS)					**2**	**4**	**4**	**4**	**2**	**5**	**2**	**3**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 20 1240		.3	1	0.010<
81 08 11 0925		.3	1	0.010<
81 10 13 0940		.3	1	0.01 <
81 11 10 0855		.3	1	0.005<
MAXIMUM				
ARITH MEAN				
GEOM MEAN				
MINIMUM				
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **DOWNSTREAM FROM FORT FRANCES, NORTH**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**

STATION ID: **19-0001-012-02**
STORET CODE: **05 001**

LAT: LONG: U T M: **15 0464340.0 5376700.0 4** REGION: **06** DISTANCE: **328.297**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 13 1130		.3	1	21301	4	25000C	400000	7000I	0.0	10.0	1.5	0.026	0.001
81 02 17 1135		.3	1	21309	6	16000	17000	14000	0.5	12.0	0.8	0.014	0.002
81 03 17 1200		.3	1	21317		35000	20000	50000	3.0	12.0	1.4	0.036	0.003
81 04 28 1515		.3	1	21323		110000	4000I	13000	12.0	10.3	2.1	0.036	0.002
81 05 20 1500		.3	1	21329	9	2200	300I	7000I	13.5	11.5	1.2	0.024	0.004
81 06 16 1420		.3	1	21337		700I	4800	4200	17.5	9.2	0.8	0.024	0.005
81 07 13 1345		.3	1	21343		600I	5800	1800	23.0	8.5	0.7	0.021	0.005
81 08 11 1400		.3	1	21349		1000I	50000	1100	22.5	9.2	0.6	0.030	0.011
81 09 08 1040		.3	1	21355		900I	5800	310	18.0	7.9	0.8	0.031	0.013
81 10 13 0850		.3	1	21361	6	2400	12000	26000	10.0	8.4	1.5	0.030	0.003
81 11 10 0945		.3	1	21367	0 6	13300	1100	18000	1.5	12.4	1.2	0.023	0.006
MAXIMUM						**110000**	**400000**	**50000**	**23.0**	**12.4**	**2.1**	**0.036**	**0.013**
ARITH MEAN						**18827**	**47345**	**12946**	**12.1**	**10.1**	**1.1**	**0.027**	**0.005**
GEOM MEAN						**4920**	**8530**	**6219**	**7.5**	**10.0**	**1.1**	**0.026**	**0.004**
MINIMUM						**600**	**300**	**310**	**0.5**	**7.9**	**0.6**	**0.014**	**0.001**
STD DEV (GEOM *)						**6***	**7***	**4***	**8.3**	**1.6**	**0.5**	**0.007**	**0.004**
# SAMPLES (IN STATISTICS)						**11**	**11**	**11**	**10**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 13 1130		.3	1								100.00	8.00	74.0
81 02 17 1135		.3	1								50.00	1.00	68.0
81 03 17 1200		.3	1								80.00	6.00	86.0
81 04 28 1515		.3	1								70.00	5.00	100.0
81 05 20 1500		.3	1								70.00	5.00	57.0
81 06 16 1420		.3	1								80.00	6.00	63.0
81 07 13 1345		.3	1	0.010	0.380	0.002	0.010<	0.022	0.370	0.392	80.00	3.00	68.0
81 08 11 1400		.3	1	0.030	0.460	0.003	0.010<	0.043	0.430	0.473	70.00	6.00	81.0
81 09 08 1040		.3	1								90.00	3.00	100.0
81 10 13 0850		.3	1								90.00	4.00	102.0
81 11 10 0945		.3	1								80.00	6.00	84.0
MAXIMUM				**0.030**	**0.460**	**0.003**					**100.00**	**8.00**	**102.0**
ARITH MEAN				**0.020**	**0.420**	**0.002**					**78.18**	**4.82**	**80.3**
GEOM MEAN				**0.017**	**0.418**	**0.002**					**77.06**	**4.30**	**78.9**
MINIMUM				**0.010**	**0.380**	**0.002**					**50.00**	**1.00**	**57.0**
STD DEV (GEOM *)				**0.014**	**0.057**	**0.001**					**13.28**	**1.94**	**15.7**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**					**11**	**11**	**11**

(CONTD)

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **DOWNSTREAM FROM FORT FRANCES, NORTH**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-012-02**
STORET CODE: **05 001**

LAT: LONG: U.T.M: **15 0464340.0 5376700.0 4** REGION: **06** DISTANCE: **328.297**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 13 1130		.3	1	1.90	4.200		22.0	6.90	6.8		24.000	39.000	
81 02 17 1135		.3	1	1.90	3.400		21.0	6.80	6.9	0.150	22.000	42.000	0.002
81 03 17 1200		.3	1	4.00	5.200		25.0	7.30	7.0		27.000	61.000	
81 04 28 1515		.3	1	2.60	7.100		25.0	7.20	7.5		31.000	54.000	
81 05 20 1500		.3	1	1.50	1.200		20.0	7.30	7.6	0.170	20.000	38.000	0.004<
81 06 16 1420		.3	1	2.30	1.800		20.0	6.80	6.8		23.000	43.000	
81 07 13 1345		.3	1	1.60	3.800	2.000	20.0	7.40	7.6		23.000	50.000	
81 08 11 1400		.3	1	2.10	5.100	0.000	23.0	8.50	8.3		26.000	63.000	0.002
81 09 08 1040		.3	1	2.30	7.500		25.0	7.20	7.5		31.000	61.000	
81 10 13 0850		.3	1	3.10	7.900		25.0	7.30	7.3		31.000	66.000	0.001<
81 11 10 0945		.3	1	4.00	6.000		23.0	7.10	6.9		27.000	57.000	0.001<
MAXIMUM				**4.00**	**7.900**	**2.000**	**25.0**	**8.50**	**8.3**	**0.170**	**31.000**	**66.000**	**0.002**
ARITH MEAN				**2.48**	**4.836**	**2.000**	**22.6**	**7.25**	**7.3**	**0.160**	**25.909**	**52.182**	**0.002**
GEOM MEAN				**2.36**	**4.234**		**22.5**	**7.24**	**7.3**	**0.160**	**25.644**	**51.225**	**0.002**
MINIMUM				**1.50**	**1.200**	**2.000**	**20.0**	**6.80**	**6.8**	**0.150**	**20.000**	**38.000**	**0.002**
STD DEV (GEOM *)				**0.87**	**2.217**		**2.2**	**0.46**	**0.5**	**0.014**	**3.885**	**10.284**	**0.000**
# SAMPLES (IN STATISTICS)				**11**	**11**	**1**	**11**	**11**	**11**	**2**	**11**	**11**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HGUT MERCURY UNF.TOT. UG/L AS HG	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO
81 02 17 1135		.3	1	0.050<		0.001	0.007	0.001<	0.001<	0.005	0.009	0.001<	0.001<
81 05 20 1500		.3	1	0.050<		0.001	0.004	0.006	0.001<	0.002	0.012	0.004	0.002
81 08 11 1400		.3	1			0.001<	0.005	0.001<	0.001	0.004		0.004	0.002
81 09 08 1040		.3	1	0.050<									
81 10 13 0850		.3	1	0.050<	0.017	0.004	0.003	0.003	0.001<	0.002		0.001<	0.001
81 11 10 0945		.3	1		0.170	0.001	0.006	0.001	0.002	0.001<		0.002	0.001<
MAXIMUM					**0.170**	**0.004**	**0.007**	**0.006**	**0.002**	**0.005**	**0.012**	**0.004**	**0.002**
ARITH MEAN					**0.093**	**0.002**	**0.005**	**0.003**	**0.001**	**0.003**	**0.010**	**0.003**	**0.002**
GEOM MEAN					**0.054**	**0.001**	**0.005**	**0.003**	**0.001**	**0.003**	**0.010**	**0.003**	**0.002**
MINIMUM					**0.017**	**0.001**	**0.003**	**0.001**	**0.001**	**0.002**	**0.009**	**0.002**	**0.001**
STD DEV (GEOM *)					**0.108**	**0.001**	**0.002**	**0.003**	**0.001**	**0.001**	**0.002**	**0.001**	**0.001**
# SAMPLES (IN STATISTICS)					**2**	**4**	**5**	**3**	**2**	**4**	**2**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 05 20 1500		.3	1	0.010<
81 08 11 1400		.3	1	0.010<
81 10 13 0850		.3	1	0.01 <
81 11 10 0945		.3	1	0.005<
MAXIMUM				
ARITH MEAN				
GEOM MEAN				
MINIMUM				
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				

B.O.W./ SITE: **RAINY RIVER**
SAMPLE POINT: **DOWNSTREAM FROM FORT FRANCES, CENTRE**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-013-02**
STORET CODE: **05 001**

LAT: LONG: U.T.M: **15 0464350.0 5376600.0 4** REGION: **06** DISTANCE: **328.297**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 05 20 1510		.3	1	21334	9	780	210	480	12.0	11.0	1.2	0.023	0.003
MAXIMUM						**780**	**210**	**480**	**12.0**	**11.0**	**1.2**	**0.023**	**0.003**
ARITH MEAN						**780**	**210**	**480**	**12.0**	**11.0**	**1.2**	**0.023**	**0.003**
GEOM MEAN													
MINIMUM						**780**	**210**	**480**	**12.0**	**11.0**	**1.2**	**0.023**	**0.003**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)						**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 05 20 1510		.3	1	70.00	3.00	56.0	1.20	1.300	20.0	7.10	7.6	20.000	36.000
MAXIMUM				**70.00**	**3.00**	**56.0**	**1.20**	**1.300**	**20.0**	**7.10**	**7.6**	**20.000**	**36.000**
ARITH MEAN				**70.00**	**3.00**	**56.0**	**1.20**	**1.300**	**20.0**	**7.10**	**7.6**	**20.000**	**36.000**
GEOM MEAN													
MINIMUM				**70.00**	**3.00**	**56.0**	**1.20**	**1.300**	**20.0**	**7.10**	**7.6**	**20.000**	**36.000**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

B.O.W / SITE: **RAINY RIVER**
SAMPLE POINT: **DOWNSTREAM FROM FORT FRANCES, SOUTH**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST RAINY RI**
STATION ID: **19-0001-014-02**
STORET CODE: **05 001**

LAT: LONG: U T M: **15 0464350.0 5376475.0 4** REGION: **06** DISTANCE: **328.297**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 05 20 1520	.3	1		21335	9	910	2000	210	12.5	11.0	1.0	0.029	0.004
MAXIMUM						**910**	**2000**	**210**	**12.5**	**11.0**	**1.0**	**0.029**	**0.004**
ARITH MEAN						**910**	**2000**	**210**	**12.5**	**11.0**	**1.0**	**0.029**	**0.004**
GEOM MEAN													
MINIMUM						**910**	**2000**	**210**	**12.5**	**11.0**	**1.0**	**0.029**	**0.004**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)						**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				*RST*	*RSP*	*COND25*	*TURB*	*CLIDUR*	*ALKT*	*PH*	*FWPH*	*HARDT*	*COLAP*
81 05 20 1520	.3	1		60.00	4.00	64.0	1.10	2.400	21.0	7.20	7.6	22.000	37.000
MAXIMUM				**60.00**	**4.00**	**64.0**	**1.10**	**2.400**	**21.0**	**7.20**	**7.6**	**22.000**	**37.000**
ARITH MEAN				**60.00**	**4.00**	**64.0**	**1.10**	**2.400**	**21.0**	**7.20**	**7.6**	**22.000**	**37.000**
GEOM MEAN													
MINIMUM				**60.00**	**4.00**	**64.0**	**1.10**	**2.400**	**21.0**	**7.20**	**7.6**	**22.000**	**37.000**
STD DEV (GEOM *)													
# SAMPLES (IN STATISTICS)				**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

B.O.W / SITE: **CHUKUNI RIVER**
SAMPLE POINT: **DOWNSTREAM FROM BALMER CREEK**
STATION TYPE: **RIVER**
MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**
STATION ID: **19-0001-015-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0449100.0 5652600.0 4** REGION: **06** DISTANCE: **277.765**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				*SAMPLE*	*FWSTRC*	*TCMF*	*TCMFBK*	*FCMF*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*
81 01 26 1315	.3	1		21502	4	400I	900I	228	0.0	8.0	3.4	0.110	0.028
81 02 24 1010	.3	1		21508	4	20	100	4<	0.0	11.0	0.7	0.019	0.003
81 03 24 1030	.3	1		21514	4	10<	30I	10<	1.0	10.0	0.6	0.020	0.002
81 05 26 0920	.3	1		21526		8	164	4<	10.0	6.0	0.7	0.020	0.010
81 06 23 0925	.3	1		21534	6	76	320	4	16.0	9.4	1.5	0.023	0.023
81 07 21 1110	.3	1		21540		40I	260	10<	21.5	8.8	0.9	0.016	0.009
81 08 18 0910	.3	1		21546		100	380	10<	19.8	8.6	0.3	0.026	0.024
81 09 22 1025	.3	1		21552		120	260	4	12.0		1.1		0.028
81 10 27 1050	.3	1		21564					3.0	11.0	0.7	0.020	0.008
MAXIMUM						**400**	**900**	**228**	**21.5**	**11.0**	**3.4**	**0.110**	**0.028**
ARITH MEAN						**109**	**302**	**79**	**11.9**	**9.1**	**1.1**	**0.032**	**0.015**
GEOM MEAN						**58**	**209**	**15**	**8.2**	**9.0**	**0.9**	**0.025**	**0.011**
MINIMUM						**8**	**30**	**4**	**1.0**	**6.0**	**0.3**	**0.016**	**0.002**
STD DEV (GEOM *)						**4***	**3***	**10***	**7.9**	**1.7**	**0.9**	**0.032**	**0.011**
# SAMPLES (IN STATISTICS)						**7**	**8**	**3**	**7**	**8**	**9**	**8**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNHTFR*	*NNTKUR*	*NNO2FR*	*NNO3FR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*COND25*
81 01 26 1315	.3	1		0.410	1.100	0.011	0.370	0.791	0.690	1.481	124.00	20.00	117.0
81 02 24 1010	.3	1		0.010<	0.340	0.002	0.090	0.102	0.330	0.432	70.00	1.00	60.0
81 03 24 1030	.3	1		0.010	0.470	0.002	0.050	0.062	0.460	0.522	50.00	1.00	63.0
81 05 26 0920	.3	1		0.010	0.380	0.002	0.010<	0.022	0.370	0.392	60.00	4.00	76.0
81 06 23 0925	.3	1		0.020	0.660	0.100	0.480	0.600	0.640	1.240	100.00	5.00	124.0
81 07 21 1110	.3	1		0.010	0.370	0.004	0.020	0.034	0.360	0.394	50.00	3.00	65.0
81 08 18 0910	.3	1		0.020	0.440	0.025	0.120	0.165	0.420	0.585	80.00	4.00	145.0
81 09 22 1025	.3	1		0.08	0.65	0.070	0.47	0.620	0.570	1.190	130	3	140
81 10 27 1050	.3	1		0.040	0.400	0.002	0.070	0.112	0.360	0.472	70.00	3.00	72.0
MAXIMUM				**0.410**	**1.100**	**0.100**	**0.480**	**0.791**	**0.690**	**1.481**	**130**	**20.00**	**145.0**
ARITH MEAN				**0.07**	**0.53**	**0.024**	**0.20**	**0.311**	**0.479**	**0.789**	**81**	**4**	**95**
GEOM MEAN				**0.02**	**0.49**	**0.008**	**0.12**	**0.181**	**0.462**	**0.694**	**76**	**3**	**90**
MINIMUM				**0.010**	**0.340**	**0.002**	**0.020**	**0.034**	**0.330**	**0.394**	**50.00**	**1.00**	**60.0**
STD DEV (GEOM *)				**0.13**	**0.24**	**0.036**	**0.19**	**0.305**	**0.138**	**0.438**	**30**	**5**	**35**
# SAMPLES (IN STATISTICS)				**8**	**9**	**9**	**8**	**8**	**8**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ACDT*	*ALKT*	*PH*	*FWPH*	*FEUT*	*HARDT*	*COLAP*
81 01 26 1315	.3	1		4.30	7.700	8.800	4.000	29.0	6.90	6.9	1.500	40.000	52.000
81 02 24 1010	.3	1		0.35	0.700	3.100	3.000	25.0	7.20	7.0	0.100	26.000	40.000
81 03 24 1030	.3	1		0.50	1.200	5.000	4.000	24.0	7.40	7.1	0.100	27.000	37.000
81 05 26 0920	.3	1		1.70	2.100	5.800	4.000	24.0	7.30		0.200	29.000	43.000
81 06 23 0925	.3	1		2.30	6.700	13.000	8.000	27.0	7.10	7.3	0.230	43.000	52.000
81 07 21 1110	.3	1		1.70	1.3	3.800	2.000	22.0	7.80	7.6	0.091	25.000	28.000
81 08 18 0910	.3	1		1.60	3.800	7.100	1.000	25.0	7.60	8.0	0.690	35.000	40.000
81 09 22 1025	.3	1		1.6	8.5	14	2	29	7.4	7.2	0.17	49	53
81 10 27 1050	.3	1		1.50	1.900	5.200	2.000	24.0	7.70	7.0	0.072	28.000	39.000
MAXIMUM				**4.30**	**8.5**	**14**	**8.000**	**29.0**	**7.80**	**8.0**	**1.500**	**49**	**53**
ARITH MEAN				**1.7**	**3.7**	**7**	**3**	**25**	**7.3**	**7.3**	**0.35**	**33**	**42**
GEOM MEAN				**1.3**	**2.6**	**6**	**2**	**25**	**7.3**	**7.3**	**0.20**	**32**	**41**
MINIMUM				**0.35**	**0.700**	**3.100**	**1.000**	**22.0**	**6.90**	**6.9**	**0.072**	**25.000**	**28.000**
STD DEV (GEOM *)				**1.1**	**3.0**	**3**	**2**	**2**	**0.2**	**0.4**	**0.47**	**8**	**8**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**8**	**9**	**9**	**9**

(CONTD)

B.O.W./ SITE: **CHUKUNI RIVER**
SAMPLE POINT: **DOWNSTREAM FROM BALMER CREEK**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-015-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0449100.0 5652600.0 4** REGION: **06** DISTANCE: **277.765**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 26 1315	.3	1		0.073		0.068	0.007	0.001	0.049		0.032	0.005	0.010<
81 02 24 1010	.3	1		0.010		0.001<	0.005	0.001	0.006	0.004	0.001	0.001	
81 03 24 1030	.3	1		0.007		0.002	0.004	0.001	0.013		0.001<		0.01 <
81 05 26 0920	.3	1		0.030	0.050<	0.007	0.007	0.001	0.003	0.011	0.007	0.001<	0.010<
81 06 23 0925	.3	1		0.059	0.050<	0.070	0.003	0.001<	0.014	0.022	0.059	0.014	0.020
81 07 21 1110	.3	1		0.017	0.05 <	0.030	0.012	0.001<	0.002	0.009	0.005	0.004	0.01 <
81 08 18 0910	.3	1		0.470	0.050<	0.410	0.004	0.002	0.095	0.220	0.620	0.090	0.090
81 09 22 1025	.3	1		0.057	0.050	0.053	0.001	0.001	0.055	0.022	0.075	0.010	0.010<
81 10 27 1050	.3	1		0.019		0.018	0.001<	0.001<	0.005		0.016	0.001	0.005<
MAXIMUM				**0.470**	**0.050**	**0.410**	**0.012**	**0.002**	**0.095**	**0.220**	**0.620**	**0.090**	**0.090**
ARITH MEAN				**0.082**	**0.050**	**0.082**	**0.005**	**0.001**	**0.027**	**0.048**	**0.102**	**0.018**	**0.055**
GEOM MEAN				**0.035**		**0.031**	**0.004**	**0.001**	**0.013**	**0.019**	**0.022**	**0.006**	**0.042**
MINIMUM				**0.007**	**0.050**	**0.002**	**0.001**	**0.001**	**0.002**	**0.004**	**0.001**	**0.001**	**0.020**
STD DEV (GEOM *)				**0.147**		**0.135**	**0.003**	**0.000**	**0.032**	**0.085**	**0.211**	**0.032**	**0.049**
# SAMPLES (IN STATISTICS)				**9**	**1**	**8**	**8**	**6**	**9**	**6**	**8**	**7**	**2**

B.O.W / SITE: **BALMER CREEK**
SAMPLE POINT: **AT BALMER LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-016-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0448925.0 5656600.0 4** REGION: **06** DISTANCE: **283.400**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 26 1430	.3	1		21504		8	20	4<	0.0		0.8	0.140	0.140
81 02 24 0910	.3	1		21510		4<	24	4<	1.0	9.0	0.8	0.210	0.180
81 03 23 1615	.3	1		21516		332C	1600	116	1.0	8.0	0.8		
81 04 29 1415	.3	1		21522		4<	24	4<	7.0	10.0	0.6		
81 05 26 1110	.3	1		21528		4<	4<	4<	12.0	9.5	1.9	0.031	0.010
81 06 23 1130	.3	1		21532	6				18.0	8.4	0.9		
81 07 21 0850	.3	1		21536		1200C	3000	4<	19.0	5.2	4.4		
81 08 12 0800	.3	1		21548		420	610	4<	10.0	11.6	0.7		0.140
81 08 18 1205	.3	1		21542		2000	20000	4	18.8	8.8	0.9		
81 10 26 1345	.3	1		21560		10I	20I	4<	1.0	12.0	0.5		0.120
MAXIMUM						**2000**	**20000**	**116**	**19.0**	**12.0**	**4.4**	**0.210**	**0.180**
ARITH MEAN						**662**	**3162**	**60**	**9.8**	**9.2**	**1.2**	**0.127**	**0.118**
GEOM MEAN						**173**	**246**	**22**	**5.6**	**8.9**	**1.0**	**0.097**	**0.084**
MINIMUM						**8**	**20**	**4**	**1.0**	**5.2**	**0.5**	**0.031**	**0.010**
STD DEV (GEOM *)						**11***	**16***	**11***	7.7	**2.0**	**1.2**	**0.090**	**0.064**
# SAMPLES (IN STATISTICS)						**6**	**8**	**2**	**9**	**9**	**10**	**3**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 26 1430	.3	1		1.700	3.000	0.043	4.700	6.443	1.300	7.743	360.00	10.00	490.0
81 02 24 0910	.3	1		3.000	3.100	0.091	6.900	9.991	0.100	10.091	570.00	20.00	755.0
81 03 23 1615	.3	1		2.000	4.000	0.060	4.400	6.460	2.000	8.460	450.00	10.00	600.0
81 04 29 1415	.3	1		2.700	5.100	0.107	5.200	8.007	2.400	10.407	750.00	4.00	1060.0
81 05 26 1110	.3	1		0.010	7.000	0.100	4.200	4.310	6.990	11.300	640.00	8.00	790.0
81 06 23 1130	.3	1		4.900	7.500	0.130	2.300	7.330	2.600	9.930	410.00	10.00	560.0
81 07 21 0850	.3	1		3.900	4.600	0.175	3.5	7.575	0.700	8.275	460.00	6.00	620.0
81 08 12 0800	.3	1		3.300	4.000	0.022	3.500	6.822	0.700	7.522	440.00	3.00	580.0
81 08 18 1205	.3	1		3.600	4.600	0.038	3.000	6.638	1.000	7.638	450.00	4.00	600.0
81 10 26 1345	.3	1		2.300	3.800	0.019	3.200	5.519	1.500	7.019	350.00	5.00	520.0
MAXIMUM				**4.900**	**7.500**	**0.175**	**6.900**	**9.991**	**6.990**	**11.300**	**750.00**	**20.00**	**1060.0**
ARITH MEAN				**2.741**	**4.670**	**0.078**	**4.0**	**6.909**	**1.929**	**8.838**	**488.00**	**8.00**	**657.5**
GEOM MEAN				**1.644**	**4.473**	**0.062**	**3.9**	**6.760**	**1.236**	**8.732**	**474.56**	**6.86**	**640.8**
MINIMUM				**0.010**	**3.000**	**0.019**	**2.300**	**4.310**	**0.100**	**7.019**	**350.00**	**3.00**	**490.0**
STD DEV (GEOM *)				**1.350**	**1.511**	**0.051**	**1.3**	**1.510**	**1.946**	**1.469**	**127.35**	**5.01**	**169.8**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 26 1430	.3	1		12.00	46.000	65.000	9.000	69.0	7.10	7.0	0.800	172.000	156.000
81 02 24 0910	.3	1		21.00	125.000	96.000	7.000	71.0	7.10	7.0	2.700	255.000	168.000
81 03 23 1615	.3	1		8.50	79.000	81.000	8.000	73.0	7.10	7.0	1.400	204.000	158.000
81 04 29 1415	.3	1		8.00	190.000	146.000	8.000	69.0	7.60	7.3	1.000	347.000	84.000
81 05 26 1110	.3	1		7.30	97.000	128.000	6.000	76.0	7.60	7.1	0.840	260.000	84.000
81 06 23 1130	.3	1		17.00	58.000	101.000	5.000	70.0	7.50	7.4	1.200	168.000	110.000
81 07 21 0850	.3	1		6.50	74.000	98.000	7.000	72.0	7.20	7.0	0.43	199.000	94.000
81 08 12 0800	.3	1		4.50	62.000	95.000	5.000	69.0	7.40	7.1	0.430	187.000	101.000
81 08 18 1205	.3	1		4.30	67.000	96.000	5.000	70.0	7.50	7.5	0.140	186.000	87.000
81 10 26 1345	.3	1		7.10	48.000	81.000	3.000	62.0	7.70	7.0	0.620	175.000	132.000
MAXIMUM				**21.00**	**190.000**	**146.000**	**9.000**	**76.0**	**7.70**	**7.5**	**2.700**	**347.000**	**168.000**
ARITH MEAN				**9.62**	**84.600**	**98.700**	**6.300**	**70.1**	**7.38**	**7.1**	**0.95**	**215.300**	**117.400**
GEOM MEAN				**8.47**	**76.828**	**96.366**	**6.029**	**70.0**	**7.38**	**7.1**	**0.74**	**209.679**	**113.360**
MINIMUM				**4.30**	**46.000**	**65.000**	**3.000**	**62.0**	**7.10**	**7.0**	**0.140**	**168.000**	**84.000**
STD DEV (GEOM *)				**5.47**	**43.965**	**23.315**	**1.829**	**3.6**	**0.23**	**0.2**	**0.72**	**56.478**	**33.230**
# SAMPLES (IN STATISTICS)				**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				ASUT	HGUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT	CCNAUR
81 01 26 1430		.3	1	0.400		0.570	0.012	0.001	0.200	0.180	0.590	0.071	0.200
81 02 24 0910		.3	1	0.970		0.610	0.019	0.002	0.230	0.260	0.540	0.071	0.350
81 03 23 1615		.3	1	0.770		0.590	0.013	0.002	0.220	0.240	0.590	0.074	0.18
81 04 29 1415		.3	1	0.350	0.120	0.460	0.015	0.002	0.260	0.340	0.450	0.041	
81 05 26 1110		.3	1	0.740	0.050<	0.930	0.030	0.002	0.029	0.250	0.760	0.077	0.700
81 06 23 1130		.3	1	0.520	0.050<	1.800	0.027	0.001	0.230	0.170	0.840	0.110	0.200
81 07 21 0850		.3	1	0.42	0.05	8.3	0.004	0.001	0.14	0.20	0.83	0.092	0.20
81 08 12 0800		.3	1	0.330	0.050	0.780	0.001<	0.002	0.110	0.200	0.620	0.990	0.060
81 08 18 1205		.3	1	0.075	0.050<	0.012	0.001<	0.001	0.004	0.032	0.013	0.001<	0.080
81 10 26 1345		.3	1	0.310		8.000	0.002	0.001	0.094		0.710	0.090	0.250
MAXIMUM				**0.970**	**0.120**	**8.3**	**0.030**	**0.002**	**0.260**	**0.340**	**0.840**	**0.990**	**0.700**
ARITH MEAN				**0.48**	**0.07**	**2.2**	**0.015**	**0.001**	**0.15**	**0.20**	**0.59**	**0.180**	**0.24**
GEOM MEAN				**0.40**	**0.06**	**0.7**	**0.011**	**0.001**	**0.10**	**0.18**	**0.43**	**0.101**	**0.19**
MINIMUM				**0.075**	**0.05**	**0.012**	**0.002**	**0.001**	**0.004**	**0.032**	**0.013**	**0.041**	**0.060**
STD DEV (GEOM *)				**0.26**	**0.04**	**3.1**	**0.010**	**0.001**	**0.09**	**0.08**	**0.24**	**0.305**	**0.19**
# SAMPLES (IN STATISTICS)				**10**	**3**	**10**	**8**	**10**	**10**	**9**	**10**	**9**	**9**

B.O.W./ SITE: **SNIB LAKE CREEK**
SAMPLE POINT: **AT SNIB LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-017-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0439800.0 5650350.0 4** REGION: **06** DISTANCE: **299.008**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 01 26 1140		.3	1	21500					0.0	8.0	0.8	0.045	0.028
81 02 24 0830		.3	1	21506					0.0	10.0	0.2	0.037	0.030
81 03 23 1400		.3	1	21512					1.0	9.0	0.3		
81 04 29 1145		.3	1	21518					4.0	8.0			
81 05 26 0800		.3	1	21524					10.0	9.0	0.5	0.016	0.009
81 06 23 1100		.3	1	21529	6				17.0	0.2	0.6	0.019	0.026
81 07 20 1745		.3	1	21539					23.0	7.9	0.7	0.017	0.027
81 08 18 0830		.3	1	21545					20.0	7.8	0.5		
81 09 21 1650		.3	1	21551		1200	5300	30I	14.0	10.8	0.4		0.047
81 10 26 1500		.3	1	21563					2.0	9.0	0.5		0.038
MAXIMUM						**1200**	**5300**	**30**	**23.0**	**10.8**	**0.8**	**0.045**	**0.047**
ARITH MEAN						**1200**	**5300**	**30**	**11.4**	**8.0**	**0.5**	**0.027**	**0.029**
GEOM MEAN									**7.4**	**6.0**	**0.5**	**0.024**	**0.027**
MINIMUM						**1200**	**5300**	**30**	**1.0**	**0.2**	**0.2**	**0.016**	**0.009**
STD DEV (GEOM *)									**8.5**	**2.9**	**0.2**	**0.013**	**0.012**
# SAMPLES (IN STATISTICS)						**1**	**1**	**1**	**8**	**10**	**9**	**5**	**7**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
81 01 26 1140		.3	1	0.030	0.410	0.003	0.060	0.093	0.380	0.473	100.00	2.00	118.0
81 02 24 0830		.3	1	0.010<	0.390	0.003	0.090	0.103	0.380	0.483	100.00	1.00	113.0
81 03 23 1400		.3	1	0.030	0.490	0.003	0.080	0.113	0.460	0.573	110.00	1.00	119.0
81 05 26 0800		.3	1	0.020	0.420	0.002	0.010	0.032	0.400	0.432	100.00	2.00	114.0
81 06 23 1100		.3	1	0.060	0.420	0.003	0.010	0.073	0.360	0.433	110.00	1.00	122.0
81 07 20 1745		.3	1	0.010<	0.430	0.004	0.050	0.064	0.420	0.484	100.00	1.00	120.0
81 08 18 0830		.3	1	0.010<	0.450	0.002	0.010	0.022	0.440	0.462	80.00	2.00	121.0
81 09 21 1650		.3	1	0.030	0.430	0.001	0.010<	0.041	0.400	0.441	90.00	2.00	122.0
81 10 26 1500		.3	1	0.010<	0.500	0.002	0.010<	0.022	0.490	0.512	110.00	3.00	122.0
MAXIMUM				**0.060**	**0.500**	**0.004**	**0.090**	**0.113**	**0.460**	**0.573**	**110.00**	**3.00**	**122.0**
ARITH MEAN				**0.034**	**0.438**	**0.003**	**0.044**	**0.071**	**0.406**	**0.477**	**100.00**	**1.67**	**119.0**
GEOM MEAN				**0.032**	**0.436**	**0.002**	**0.030**	**0.062**	**0.404**	**0.475**	**99.53**	**1.54**	**119.0**
MINIMUM				**0.020**	**0.390**	**0.001**	**0.010**	**0.022**	**0.360**	**0.432**	**80.00**	**1.00**	**113.0**
STD DEV (GEOM *)				**0.015**	**0.036**	**0.001**	**0.035**	**0.035**	**0.036**	**0.047**	**10.00**	**0.71**	**3.4**
# SAMPLES (IN STATISTICS)				**5**	**9**	**9**	**7**	**7**	**7**	**7**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP
81 01 26 1140		.3	1	0.35	6.400	13.000	5.000	29.0	6.80	7.0	0.200	40.000	73.000
81 02 24 0830		.3	1	0.35	6.200	14.000	6.000	29.0	6.80	6.7	0.200	42.000	75.000
81 03 23 1400		.3	1	0.35	6.400	14.000	5.000	29.0	7.00	6.8	0.200	45.000	65.000
81 04 29 1145		.3	1							6.7	0.240		
81 05 26 0800		.3	1	0.60	6.200	15.000	4.000	25.0	7.10	7.2	0.130	41.000	59.000
81 06 23 1100		.3	1	0.75	6.600	16.000	4.000	26.0	7.20	7.6	0.094	41.000	60.000
81 07 20 1745		.3	1	0.85	6.300	15.000	2.000	26.0	7.60	7.5	0.093	43.000	59.000
81 08 18 0830		.3	1	1.20	6.400	14.000	2.000	27.0	7.40	7.5	0.140	44.000	62.000
81 09 21 1650		.3	1	0.90	6.400	13.000	2.000	28.0	7.30		0.120	45.000	65.000
81 10 26 1500		.3	1	1.10	6.500	14.000	2.000	28.0	7.40	7.0	0.160	47.000	73.000
MAXIMUM				**1.20**	**6.600**	**16.000**	**6.000**	**29.0**	**7.60**	**7.6**	**0.240**	**47.000**	**75.000**
ARITH MEAN				**0.72**	**6.378**	**14.222**	**3.556**	**27.4**	**7.18**	**7.1**	**0.158**	**43.111**	**65.667**
GEOM MEAN				**0.65**	**6.377**	**14.193**	**3.231**	**27.4**	**7.17**	**7.1**	**0.150**	**43.056**	**65.393**
MINIMUM				**0.35**	**6.200**	**13.000**	**2.000**	**25.0**	**6.80**	**6.7**	**0.093**	**40.000**	**59.000**
STD DEV (GEOM *)				**0.33**	**0.130**	**0.972**	**1.590**	**1.5**	**0.28**	**0.4**	**0.050**	**2.315**	**6.423**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**10**	**9**	**9**

(CONTD)

B.O.W./ SITE: **SNIB LAKE CREEK**
SAMPLE POINT: **AT SNIB LAKE OUTLET**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-017-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0439800.0 5650350.0 4** REGION: **06** DISTANCE: **299.008**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 26 1140	.3	1		0.053	0.050<	0.015	0.002	0.001<	0.006	0.008	0.006	0.001	0.010<
81 02 24 0830	.3	1		0.074	0.050	0.011	0.003	0.001	0.008	0.015	0.005	0.001<	0.010<
81 03 23 1400	.3	1		0.062		0.020	0.001<	0.001	0.008		0.007	0.007	0.010<
81 04 29 1145	.3	1		0.072	0.050<	0.026	0.004	0.001	0.013	0.080	0.015	0.001<	1.000<
81 05 26 0800	.3	1		0.050	0.050<	0.017	0.005	0.001	0.007	0.020	0.008	0.002	0.010<
81 06 23 1100	.3	1		0.056	0.060	0.020	0.009	0.001<	0.006	0.020	0.005	0.004	0.010<
81 07 20 1745	.3	1		0.075	0.05 <	0.15	0.011	0.001	0.004	0.014	0.010		0.010<
81 08 18 0830	.3	1		0.057	0.050<	0.012	0.001	0.001	0.003	0.032	0.023	0.003	0.010<
81 09 21 1650	.3	1		0.087	0.080	0.012	0.001	0.001	0.001<	0.023	0.010	0.001<	0.010<
81 10 26 1500	.3	1		0.083		0.017	0.001<	0.001<	0.005		0.007	0.001	0.005<
MAXIMUM				**0.087**	**0.080**	**0.15**	**0.011**	**0.001**	**0.013**	**0.080**	**0.023**	**0.007**	
ARITH MEAN				**0.067**	**0.063**	**0.03**	**0.004**	**0.001**	**0.007**	**0.026**	**0.010**	**0.003**	
GEOM MEAN				**0.066**	**0.062**	**0.02**	**0.003**	**0.001**	**0.006**	**0.021**	**0.009**	**0.002**	
MINIMUM				**0.050**	**0.050**	**0.011**	**0.001**	**0.001**	**0.003**	**0.008**	**0.005**	**0.001**	
STD DEV (GEOM *)				**0.013**	**0.015**	**0.04**	**0.004**	**0.000**	**0.003**	**0.023**	**0.006**	**0.002**	
# SAMPLES (IN STATISTICS)				10	3	10	8	7	9	8	10	6	

B.O.W./ SITE: **RED LAKE**
SAMPLE POINT: **IN BRUCE CHANNEL NEAR FERRY CROSSING**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-018-01**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0442100.0 5657450.0 4** REGION: **06** DISTANCE: **288.030**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 26 1445	.3	1		21505	4				0.0		0.6	0.022	0.007
81 02 24 1120	.3	1		21511	4				0.0	12.0	0.6	0.020	0.002
81 03 23 1715	.3	1		21517	4				1.0	9.0	0.5	0.012	0.001
81 05 26 1000	.3	1		21523					8.0	9.0	0.4	0.010	0.002
81 06 23 0900	.3	1		21531	6				16.5	10.4	0.5	0.013	0.007
81 07 21 1050	.3	1		21538					21.0	9.0	0.6	0.011	0.005
81 08 18 1300	.3	1		21544					20.0	8.7	0.5	0.010	0.003
81 09 22 1000	.3	1		21550		140	180	10<	14.0	11.5	0.5	0.014	0.008
81 10 27 1115	.3	1		21562					5.0	8.0	0.6	0.018	0.005
MAXIMUM						**140**	**180**		**21.0**	**12.0**	**0.6**	**0.022**	**0.008**
ARITH MEAN						**140**	**180**		**12.2**	**9.7**	**0.5**	**0.014**	**0.004**
GEOM MEAN									**8.7**	**9.6**	**0.5**	**0.014**	**0.004**
MINIMUM						**140**	**180**		**1.0**	**8.0**	**0.4**	**0.010**	**0.001**
STD DEV (GEOM *)									**7.7**	**1.4**	**0.1**	**0.004**	**0.003**
# SAMPLES (IN STATISTICS)						1	1		7	8	9	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 26 1445	.3	1		0.020	0.320	0.002	0.120	0.142	0.300	0.442	50.00	1.00	66.0
81 02 24 1120	.3	1		0.010<	0.390	0.002	0.100	0.112	0.380	0.492	70.00	1.00	62.0
81 03 23 1715	.3	1		0.010	0.390	0.002	0.070	0.082	0.380	0.462	60.00	1.00	61.0
81 05 26 1000	.3	1		0.010	0.330	0.002	0.020	0.032	0.320	0.352	60.00	1.00	68.0
81 06 23 0900	.3	1		0.050	0.330	0.002	0.010	0.062	0.280	0.342	60.00	2.00	64.0
81 07 21 1050	.3	1		0.010<	0.340	0.003	0.010	0.023	0.330	0.353	50.00	1.00	61.0
81 08 18 1300	.3	1		0.010<	0.300	0.001	0.010	0.021	0.290	0.311	50.00	2.00	61.0
81 09 22 1000	.3	1		0.030	0.350	0.001	0.010	0.041	0.320	0.361	80.00	3.00	62.0
81 10 27 1115	.3	1		0.010<	0.310	0.001	0.010<	0.021	0.300	0.321	60.00	2.00	60.0
MAXIMUM				**0.050**	**0.390**	**0.003**	**0.120**	**0.142**	**0.380**	**0.492**	**80.00**	**3.00**	**68.0**
ARITH MEAN				**0.024**	**0.340**	**0.002**	**0.044**	**0.064**	**0.325**	**0.389**	**60.00**	**1.56**	**62.8**
GEOM MEAN				**0.020**	**0.339**	**0.002**	**0.025**	**0.052**	**0.323**	**0.385**	**59.30**	**1.42**	**62.7**
MINIMUM				**0.010**	**0.300**	**0.001**	**0.010**	**0.021**	**0.280**	**0.311**	**50.00**	**1.00**	**60.0**
STD DEV (GEOM *)				**0.017**	**0.032**	**0.001**	**0.046**	**0.044**	**0.038**	**0.066**	**10.00**	**0.73**	**2.7**
# SAMPLES (IN STATISTICS)				5	9	9	8	8	8	8	9	9	9

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 26 1445	.3	1		0.35	0.800	3.100	3.000	25.0	7.00	6.9	0.100	30.000	45.000
81 02 24 1120	.3	1		0.45	0.700	3.100	3.000	27.0	7.20	6.9	0.100	26.000	46.000
81 03 23 1715	.3	1		0.35	0.600	2.700	4.000	23.0	7.10	7.0	0.150	24.000	44.000
81 05 26 1000	.3	1		0.50	2.200	3.900	3.000	22.0	7.20	7.3	0.100	28.000	39.000
81 06 23 0900	.3	1		0.60	1.300	3.800	4.000	22.0	7.20	7.8	0.067	24.000	38.000
81 07 21 1050	.3	1		0.80	0.800	2.100	1.000	22.0	8.00	7.7	0.057	27.000	33.000
81 08 18 1300	.3	1		0.55	0.700	2.800	2.000	21.0	7.60	8.1	0.036	24.000	29.000
81 09 22 1000	.3	1		1.50	0.800	2.200	2.000	23.0	7.50	7.2	0.100	24.000	39.000
81 10 27 1115	.3	1		1.10	0.800	3.600	2.000	23.0	7.40	7.0	0.060	25.000	38.000
MAXIMUM				**1.50**	**2.200**	**3.900**	**4.000**	**27.0**	**8.00**	**8.1**	**0.150**	**30.000**	**46.000**
ARITH MEAN				**0.69**	**0.967**	**3.033**	**2.667**	**23.1**	**7.36**	**7.3**	**0.086**	**25.778**	**39.000**
GEOM MEAN				**0.61**	**0.888**	**2.969**	**2.473**	**23.0**	**7.35**	**7.3**	**0.079**	**25.700**	**38.627**
MINIMUM				**0.35**	**0.600**	**2.100**	**1.000**	**21.0**	**7.00**	**6.9**	**0.036**	**24.000**	**29.000**
STD DEV (GEOM *)				**0.39**	**0.502**	**0.652**	**1.000**	**1.8**	**0.31**	**0.4**	**0.034**	**2.167**	**5.568**
# SAMPLES (IN STATISTICS)				9	9	9	9	9	9	9	9	9	9

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
TEST-NAME:				ASUT	HGUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT	CCNAUR
81 01 26 1445		.3	1	0.013	0.050<	0.007	0.004	0.001	0.004		0.001	0.001<	0.010<
81 02 24 1120		.3	1	0.010		0.001<	0.007	0.001	0.017	0.016	0.001<	0.002	0.010<
81 03 23 1715		.3	1	0.021		0.001	0.001<	0.001<	0.021		0.001<	0.001	0.01 <
81 05 26 1000		.3	1	0.008	0.050<	0.003	0.001<	0.001	0.002	0.010	0.001<	0.001	0.010<
81 06 23 0900		.3	1	0.009	0.050<	0.003	0.004	0.001<	0.001<	0.004	0.001<	0.001	0.010<
81 07 21 1050		.3	1	0.006	0.05 <	0.001<	0.008	0.001	0.001<	0.005	0.003	0.001<	0.01 <
81 08 18 1300		.3	1	0.008	0.050<	0.001<	0.001	0.001<	0.001	0.005	0.005	0.001<	0.010<
81 09 22 1000		.3	1	0.013	0.060	0.002	0.001<	0.001<	0.003	0.021	0.004	0.001	0.010<
81 10 27 1115		.3	1	0.013		0.001<	0.001<	0.001<	0.001		0.002	0.002	0.005<
MAXIMUM				**0.021**	**0.060**	**0.007**	**0.008**	**0.001**	**0.021**	**0.021**	**0.005**	**0.002**	
ARITH MEAN				**0.011**	**0.060**	**0.003**	**0.005**	**0.001**	**0.007**	**0.010**	**0.003**	**0.001**	
GEOM MEAN				**0.011**		**0.003**	**0.004**	**0.001**	**0.004**	**0.008**	**0.003**	**0.001**	
MINIMUM				**0.006**	**0.060**	**0.001**	**0.001**	**0.001**	**0.001**	**0.004**	**0.001**	**0.001**	
STD DEV (GEOM *)				**0.004**		**0.002**	**0.003**	**0.000**	**0.008**	**0.007**	**0.002**	**0.001**	
# SAMPLES (IN STATISTICS)				**9**	**1**	**5**	**5**	**4**	**7**	**6**	**5**	**6**	

B.O.W./ SITE: **BALMER CREEK**
SAMPLE POINT: **500 FEET UPSTREAM OF CHUKUNI RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-032-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0448400.0 5653200.0 4** REGION: **06** DISTANCE: **278.731**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
TEST-NAME:				SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
81 01 26 1330		.3	1	21503	4	2600	6100	350	0.0		2.2	0.490	0.400
81 02 24 1020		.3	1	21509	4	8000	6700	5200	0.0	4.0	3.3	0.670	0.630
81 03 24 1000		.3	1	21515	4	20I	50I	10<	1.0	7.0	2.1	0.680	0.540
81 05 26 1040		.3	1	21527		1600C	80000	360	9.0	5.0	5.9		
81 06 23 0935		.3	1	21533	6	16I	112	4<	17.0	5.9	8.6		
81 07 21 1020		.3	1	21535		11000	28000	40I	19.0	7.5	3.2		
81 08 18 0925		.3	1	21541		10000	41000	10<	17.0	3.8	2.0		
81 09 22 1040		.3	1	21547		1000	3100	8	9.0	8.5	0.5		0.15
81 10 27 1045		.3	1	21559		30I	290	4<	1.0	8.0	1.0		0.160
MAXIMUM						**11000**	**80000**	**5200**	**19.0**	**8.5**	**8.6**	**0.680**	**0.630**
ARITH MEAN						**3807**	**18372**	**1192**	**10.4**	**6.2**	**3.2**	**0.613**	**0.37**
GEOM MEAN						**689**	**2986**	**184**	**6.4**	**6.0**	**2.4**	**0.607**	**0.31**
MINIMUM						**16**	**50**	**8**	**1.0**	**3.8**	**0.5**	**0.490**	**0.15**
STD DEV (GEOM *)						**15***	**14***	**12***	**7.5**	**1.8**	**2.6**	**0.107**	**0.21**
# SAMPLES (IN STATISTICS)						**9**	**9**	**5**	**7**	**8**	**9**	**3**	**5**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
81 01 26 1330		.3	1	4.000	4.800	0.074	3.700	7.774	0.800	8.574	470.00	19.00	660.0
81 02 24 1020		.3	1	5.800	5.600	0.113	4.300	10.213	0.200	10.013	380.00	15.00	510.0
81 03 24 1000		.3	1	4.000	5.900	0.069	3.700	7.769	1.900	9.669	390.00	8.00	560.0
81 05 26 1040		.3	1	0.620	2.300	0.068	0.720	1.408	1.680	3.088	350.00	10.00	435.0
81 06 23 0935		.3	1	1.600	3.800	0.024	5.300	6.924	2.200	9.124	200.00	9.00	550.0
81 07 21 1020		.3	1	0.010	1.600	0.085	3.4	3.495	1.590	5.085	360.00	10.00	490.0
81 08 18 0925		.3	1	0.550	1.600	0.520	4.600	5.670	1.050	6.720	450.00	9.00	570.0
81 09 22 1040		.3	1	1.5	2.5	0.26	4.8	6.560	1.000	7.560	450	4	540
81 10 27 1045		.3	1	2.100	3.200	0.024	3.200	5.324	1.100	6.424	370.00	4.00	510.0
MAXIMUM				**5.800**	**5.900**	**0.520**	**5.300**	**10.213**	**2.200**	**10.013**	**470.00**	**19.00**	**660.0**
ARITH MEAN				**2.2**	**3.4**	**0.13**	**3.7**	**6.126**	**1.280**	**7.362**	**380**	**9**	**536**
GEOM MEAN				**1.0**	**3.1**	**0.08**	**3.3**	**5.438**	**1.084**	**6.970**	**370**	**8**	**533**
MINIMUM				**0.010**	**1.600**	**0.024**	**0.720**	**1.408**	**0.200**	**3.088**	**200.00**	**4**	**435.0**
STD DEV (GEOM *)				**1.9**	**1.6**	**0.16**	**1.3**	**2.573**	**0.617**	**2.283**	**80**	**4**	**62**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
TEST-NAME:				TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP
81 01 26 1330		.3	1	21.00	86.000	76.000	16.000	82.0	6.80	6.8	2.600	212.000	125.000
81 02 24 1020		.3	1	21.00	57.000	65.000	15.000	76.0	6.90	6.9	2.300	170.000	135.000
81 03 24 1000		.3	1	8.90	77.000	60.000	12.000	74.0	7.10	7.0	1.500	180.000	132.000
81 05 26 1040		.3	1	3.30	38.000	49.000	5.000	92.0	7.60	7.0	0.850	163.000	101.000
81 06 23 0935		.3	1	14.00	55.000	106.000	10.000	66.0	7.10	7.3	1.100	170.000	109.000
81 07 21 1020		.3	1	6.80	45.000	80.000	8.000	64.0	7.10	7.2	0.85	175.000	88.000
81 08 18 0925		.3	1	5.40	56.000	96.000	9.000	58.0	7.00	7.3	0.330	191.000	97.000
81 09 22 1040		.3	1	4.5	55	89	8	65	7.2	6.9	0.62	179	111
81 10 27 1045		.3	1	5.90	51.000	78.000	8.000	65.0	7.20	6.9	0.600	173.000	137.000
MAXIMUM				**21.00**	**86.000**	**106.000**	**16.000**	**92.0**	**7.60**	**7.3**	**2.600**	**212.000**	**137.000**
ARITH MEAN				**10.0**	**57**	**77**	**10**	**71**	**7.1**	**7.0**	**1.19**	**179**	**115**
GEOM MEAN				**8.2**	**56**	**75**	**9**	**70**	**7.1**	**7.0**	**0.98**	**178**	**113**
MINIMUM				**3.30**	**38.000**	**49.000**	**5.000**	**58.0**	**6.80**	**6.8**	**0.330**	**163.000**	**88.000**
STD DEV (GEOM *)				**6.9**	**14**	**17**	**3**	**10**	**0.2**	**0.2**	**0.78**	**14**	**17**
# SAMPLES (IN STATISTICS)				**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

(CONTD)

B.O.W./ SITE: **BALMER CREEK**
SAMPLE POINT: **500 FEET UPSTREAM OF CHUKUNI RIVER**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-032-02**
STORET CODE: **05 001 1890**

LAT: LONG: U.T.M: **15 0448400.0 5653200.0 4** REGION: **06** DISTANCE: **278.731**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	ASUT	HGUT	CUUT	PBUT	CDUT	ZNUT	MNUT	NIUT	COUT	CCNAUR
					ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	CADMIUM UNF.TOT. MG/L AS CD	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	COBALT UNF.TOT. MG/L AS CO	CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 26 1330		.3	1		0.300		0.390	0.026	0.002	0.120		0.360	0.050	0.550
81 02 24 1020		3	1		0.550		0.390	0.024	0.001	0.120	0.240	0.310	0.044	0.320
81 03 24 1000		3	1		0.390		0.400	0.013	0.001	0.150	0.240	0.390	0.051	0.10
81 05 26 1040		3	1		1.300	0.050<	0.050	0.020	0.001	0.017	0.087	0.088	0.010	0.020
81 06 23 0935		3	1		0.520	0.050<	1.220	0.031	0.001	0.180	0.170	0.270	0.100	0.100
81 07 21 1020		3	1		0.63	0.06	0.43	0.009	0.002	0.077	0.26	0.53	0.069	0.13
81 08 18 0925		3	1		0.400	0.050<	0.920	0.001<	0.002	0.100	0.190	0.800	0.120	0.100
81 09 22 1040		3	1		0.400	0.100	0.610	0.001	0.003	0.088	0.18	0.600	0.091	0.050
81 10 27 1045		3	1		0.280		5.800	0.001	0.001	0.093			0.074	0.260
		MAXIMUM			**1.300**	**0.100**	**5.800**	**0.031**	**0.003**	**0.180**	**0.26**	**0.800**	**0.120**	**0.550**
		ARITH MEAN			**0.53**	**0.08**	**1.13**	**0.016**	**0.002**	**0.105**	**0.19**	**0.41**	**0.068**	**0.18**
		GEOM MEAN			**0.47**	**0.07**	**0.55**	**0.009**	**0.001**	**0.091**	**0.18**	**0.35**	**0.057**	**0.12**
		MINIMUM			**0.280**	**0.06**	**0.050**	**0.001**	**0.001**	**0.017**	**0.087**	**0.088**	**0.010**	**0.020**
		STD DEV (GEOM *)			**0.31**	**0.02**	**1.78**	**0.011**	**0.001**	**0.046**	**0.05**	**0.22**	**0.033**	**0.16**
		# SAMPLES (IN STATISTICS)			**9**	**2**	**9**	**8**	**9**	**9**	**7**	**8**	**9**	**9**

B.O.W./ SITE: **HOWEY BAY**
SAMPLE POINT: **500 FEET FROM SHORE, RED LAKE**
STATION TYPE: **LAKE**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-033-01**
STORET CODE: **05 001 1890**

LAT: LONG: U.T.M: **15 0442675.0 5652425.0 4** REGION: **06** DISTANCE: **285.651**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	SAMPLE	FWSTRC	TCMF	TCMFBK	FCMF	FWTEMP	DO	BOD5	PPUT	PPO4FR
					SAMPLE NUMBER	STREAM COND.	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	FECAL COLIFORM MF CNT /100ML	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P
81 01 26 1215		.3	1		21501	4	4<	4<	4<	0.0		0.5	0.025	0.007
81 02 23 1730		.3	1		21507		4<	8	4<	0.0	13.0	0.6	0.018	0.003
81 03 23 1500		.3	1		21513	4	76	216	12	1.0	8.0	0.3	0.014	0.006
81 05 26 1030		.3	1		21525		4	12	4<	9.0	10.5	0.4	0.014	0.003
81 06 23 1050		.3	1		21530	6	44	520	4	17.0	10.4	0.6	0.015	0.004
81 07 21 0945		.3	1		21537					22.0	8.9	0.6	0.013	0.004
81 08 18 0950		.3	1		21543		60I	580	4<	19.5	8.1	0.5	0.010	0.003
81 09 22 0900		.3	1		21549		10<	220	4	14.0	11.2	0.7	0.020	0.007
81 10 27 1020		.3	1		21561		10I	180	4<	5.0	10.0	0.7	0.024	0.010
		MAXIMUM					**76**	**580**	**12**	**22.0**	**13.0**	**0.7**	**0.025**	**0.010**
		ARITH MEAN					**39**	**248**	**7**	**12.5**	**10.0**	**0.5**	**0.017**	**0.005**
		GEOM MEAN					**24**	**114**	**6**	**8.9**	**9.9**	**0.5**	**0.016**	**0.005**
		MINIMUM					**4**	**8**	**4**	**1.0**	**8.0**	**0.3**	**0.010**	**0.003**
		STD DEV (GEOM *)					**4***	**6***	**2***	**7.8**	**1.7**	**0.1**	**0.005**	**0.002**
		# SAMPLES (IN STATISTICS)					**5**	**7**	**3**	**7**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	NNHTFR	NNTKUR	NNO2FR	NNO3FR	NNTIFR	NNKUR	NNKI	RST	RSP	COND25
					NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	CONDUCT. 25C UMHO/CM AT 25 C
81 01 26 1215		.3	1		0.010<	0.280	0.001	0.090	0.101	0.270	0.371	50.00	1.00	65.0
81 02 23 1730		.3	1		0.030	0.510	0.002	0.110	0.142	0.480	0.622	70.00	1.00	62.0
81 03 23 1500		.3	1		0.010<	0.320	0.002	0.060	0.072	0.310	0.382	70.00	1.00	60.0
81 05 26 1030		.3	1		0.010	0.330	0.001	0.020	0.031	0.320	0.351	60.00	1.00	61.0
81 06 23 1050		.3	1		0.050	0.350	0.002	0.010	0.062	0.300	0.362	80.00	2.00	68.0
81 07 21 0945		.3	1		0.010<	0.330	0.003	0.010	0.023	0.320	0.343	50.00	1.00	62.0
81 08 18 0950		.3	1		0.010<	0.280	0.001<	0.010	0.021	0.270	0.291	50.00	1.00	62.0
81 09 22 0900		.3	1		0.040	0.380	0.001	0.010	0.051	0.340	0.391	50.00	2.00	63.0
81 10 27 1020		.3	1		0.010<	0.340	0.002	0.010	0.022	0.330	0.352	40.00	2.00	62.0
		MAXIMUM			**0.050**	**0.510**	**0.003**	**0.110**	**0.142**	**0.480**	**0.622**	**80.00**	**2.00**	**68.0**
		ARITH MEAN			**0.032**	**0.347**	**0.002**	**0.037**	**0.058**	**0.327**	**0.385**	**57.78**	**1.33**	**62.8**
		GEOM MEAN			**0.028**	**0.341**	**0.002**	**0.022**	**0.047**	**0.322**	**0.377**	**56.51**	**1.26**	**62.7**
		MINIMUM			**0.010**	**0.280**	**0.001**	**0.010**	**0.021**	**0.270**	**0.291**	**40.00**	**1.00**	**60.0**
		STD DEV (GEOM *)			**0.017**	**0.069**	**0.001**	**0.040**	**0.042**	**0.062**	**0.093**	**13.02**	**0.50**	**2.4**
		# SAMPLES (IN STATISTICS)			**4**	**9**	**8**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME:	TURB	CLIDUR	SSO4UR	ACDT	ALKT	PH	FWPH	FEUT	HARDT	COLAP
					TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	COLOUR APPARENT HZU
81 01 26 1215		.3	1		0.45	0.800	3.100	2.000	29.0	7.00	7.0	0.100	14.000	41.000
81 02 23 1730		.3	1		0.40	0.900	3.100	3.000	26.0	7.20	6.8	0.100	26.000	40.000
81 03 23 1500		.3	1		0.30	0.700	2.700	3.000	23.0	7.20	7.0	0.100	24.000	35.000
81 05 26 1030		.3	1		0.55	0.900	3.700	4.000	23.0	7.30	7.2	0.072	23.000	37.000
81 06 23 1050		.3	1		0.55	1.300	5.0	4.000	23.0	7.20	8.0	0.052	26.000	37.000
81 07 21 0945		.3	1		0.70	0.900	3.000	1.000	22.0	8.10	7.8	0.048	27.000	29.000
81 08 18 0950		.3	1		0.70	0.800	2.700	2.000	22.0	7.50	8.05	0.080	25.000	32.000
81 09 22 0900		.3	1		1.30	0.900	2.100	2.000	23.0	7.40	6.8	0.130	26.000	35.000
81 10 27 1020		.3	1		1.00	1.100	4.000	3.000	23.0	7.40	6.9	0.076	27.000	36.000
		MAXIMUM			**1.30**	**1.300**	**5.0**	**4.000**	**29.0**	**8.10**	**8.05**	**0.130**	**27.000**	**41.000**
		ARITH MEAN			**0.66**	**0.922**	**3.2**	**2.667**	**23.8**	**7.37**	**7.2**	**0.084**	**24.222**	**35.778**
		GEOM MEAN			**0.60**	**0.908**	**3.1**	**2.473**	**23.7**	**7.36**	**7.2**	**0.081**	**23.827**	**35.602**
		MINIMUM			**0.30**	**0.700**	**2.100**	**1.000**	**22.0**	**7.00**	**6.8**	**0.048**	**14.000**	**29.000**
		STD DEV (GEOM *)			**0.32**	**0.179**	**0.8**	**1.000**	**2.3**	**0.31**	**0.5**	**0.026**	**4.055**	**3.701**
		# SAMPLES (IN STATISTICS)			**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ASUT ARSENIC UNF.TOT. MG/L AS AS	HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	COUT COBALT UNF.TOT. MG/L AS CO	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 01 26 1215		.3	1	0.005	0.050	0.006	0.007	0.001	0.014		0.001	0.002	0.010<
81 02 23 1730		.3	1	0.004	0.070	0.001<	0.007	0.001	0.009	0.006	0.002	0.002	0.010<
81 03 23 1500		.3	1	0.005		0.002	0.032	0.001<	0.002		0.001<	0.001	0.010<
81 05 26 1030		.3	1	0.004	0.050<	0.003	0.004	0.001	0.003	0.007	0.001	0.002	0.010<
81 06 23 1050		.3	1	0.005	0.050<	0.004	0.001	0.001<	0.001<	0.005	0.002	0.003	0.010<
81 07 21 0945		.3	1	0.005	0.05 <	0.001<	0.006	0.001<	0.001<	0.005	0.005		0.01 <
81 08 18 0950		.3	1	0.009	0.050<	0.001<	0.001<	0.002	0.002	0.078	0.005	0.001	0.010<
81 09 22 0900		.3	1	0.010	0.070	0.002	0.001	0.001<	0.001	0.015	0.003	0.001<	0.010<
81 10 27 1020		.3	1	0.006		0.006	0.009	0.002	0.006		0.002	0.003	0.005<
MAXIMUM				**0.010**	**0.070**	**0.006**	**0.032**	**0.002**	**0.014**	**0.078**	**0.005**	**0.003**	
ARITH MEAN				**0.006**	**0.063**	**0.004**	**0.008**	**0.001**	**0.005**	**0.019**	**0.003**	**0.002**	
GEOM MEAN				**0.006**	**0.063**	**0.003**	**0.005**	**0.001**	**0.004**	**0.010**	**0.002**	**0.002**	
MINIMUM				**0.004**	**0.050**	**0.002**	**0.001**	**0.001**	**0.001**	**0.005**	**0.001**	**0.001**	
STD DEV (GEOM *)				**0.002**	**0.012**	**0.002**	**0.010**	**0.001**	**0.005**	**0.029**	**0.002**	**0.001**	
# SAMPLES (IN STATISTICS)				**9**	**3**	**6**	**8**	**5**	**7**	**6**	**8**	**7**	

B.O.W./ SITE: **WABIGOON RIVER**
SAMPLE POINT: **AT MINNITAKI SIDEROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-035-02**
STORET CODE: **05 001 1890**

LAT: LONG. U T M: **15 0493550.0 5521800.0 4** REGION: **06** DISTANCE: **235.280**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P
81 01 12 1430		.3	1	21001		1300000	300000I	2600	1.0	9.0	10.0	0.062	0.010
81 02 10 1115		.3	1	21005		340000	30000I	100I	0.0	3.0	14.0	0.077	0.021
81 03 09 1140		.3	1	21009	9	400000	110000	410C	0.5	11.2	13.0	0.060	0.016
81 04 07 1050		.3	1	21013	0	1090000	290000	340	4.0	5.0	9.0	0.100	0.023
81 05 05 1100		.3	1	21017		790000	260000	50I	11.0	3.0	8.6	0.095	0.020
81 06 08 1130		.3	1	21021	9	58000001	300E+05	4000	20.0	0.0	18.0	0.160	0.054
81 07 07 1115		.3	1	21025	0	390000	140000	260	24.0	2.0	1.0	0.180	0.034
81 08 10 1245		.3	1	21029	0	610000	30000I	2000I	24.0	6.0	1.2	0.062	0.019
81 10 05 1140		.3	1	21038		80000	51000	21000	8.0	4.0	7.6	0.066	0.015
MAXIMUM						**5800000**	**300E+05**	**21000**	**24.0**	**11.2**	**18.0**	**0.180**	**0.054**
ARITH MEAN						**1200000**	**3467888**	**3418**	**11.6**	**5.4**	**9.2**	**0.096**	**0.024**
GEOM MEAN						**635079**	**198556**	**754**	**6.1**	**4.6**	**6.6**	**0.088**	**0.021**
MINIMUM						**80000**	**30000**	**50**	**0.5**	**2.0**	**1.0**	**0.060**	**0.010**
STD DEV (GEOM *)						**3***	**8***	**7***	**9.9**	**3.2**	**5.6**	**0.045**	**0.013**
# SAMPLES (IN STATISTICS)						**9**	**9**	**9**	**8**	**8**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 01 12 1430		.3	1	0.010	0.690	0.011	0.030	0.051	0.680	0.731	220.00	10.00	260.0
81 02 10 1115		.3	1	0.010	0.580	0.010	0.010<	0.030	0.570	0.600	210.00	4.00	285.0
81 03 09 1140		.3	1	0.020	0.560	0.012			0.540		240.00	6.00	325.0
81 04 07 1050		.3	1	0.020	0.900	0.015	0.010<	0.045	0.880	0.925	290.00	10.00	354.0
81 05 05 1100		.3	1	0.010	0.880	0.014	0.010<	0.034	0.870	0.904	290.00	10.00	300.0
81 06 08 1130		.3	1	0.010<	1.300	0.020			1.290		380.00	20.00	464.0
81 07 07 1115		.3	1	0.100	1.000	0.006	0.010	0.116	0.900	1.016	200.00	30.00	205.0
81 08 10 1245		.3	1	0.030	0.590	0.007	0.010<	0.047	0.560	0.607	190.00	10.00	240.0
81 10 05 1140		.3	1	0.030	0.650	0.011	0.010<	0.051	0.620	0.671	290.00	10.00	310.0
MAXIMUM				**0.100**	**1.300**	**0.020**	**0.030**	**0.116**	**1.290**	**1.016**	**380.00**	**30.00**	**464.0**
ARITH MEAN				**0.029**	**0.794**	**0.012**	**0.020**	**0.083**	**0.852**	**0.873**	**256.67**	**12.22**	**304.8**
GEOM MEAN				**0.021**	**0.764**	**0.011**	**0.017**	**0.077**	**0.808**	**0.862**	**250.65**	**10.41**	**297.2**
MINIMUM				**0.010**	**0.560**	**0.006**	**0.010**	**0.051**	**0.540**	**0.731**	**190.00**	**4.00**	**205.0**
STD DEV (GEOM *)				**0.030**	**0.248**	**0.004**	**0.014**	**0.046**	**0.327**	**0.202**	**61.24**	**7.97**	**74.8**
# SAMPLES (IN STATISTICS)				**8**	**9**	**9**	**2**	**2**	**4**	**2**	**9**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU	ASUT ARSENIC UNF.TOT. MG/L AS AS
81 01 12 1430		.3	1	13.00	26.000	16.000	57.0	7.10	6.9	1.000	75.000	153.000	0.001
81 02 10 1115		.3	1	19.00	36.000	15.000	59.0	7.00	6.9	0.950	79.000	192.000	
81 03 09 1140		.3	1	15.00	46.000	15.000	66.0	7.10		0.950	79.000	216.000	
81 04 07 1050		.3	1	13.00	50.000	25.000	66.0	7.10	6.9	1.400	86.000	261.000	0.002
81 05 05 1100		.3	1	16.00	44.000	23.000	79.0	6.60		1.300	89.000	230.000	
81 06 08 1130		.3	1	19.00	65.000	27.000	87.0	6.80	6.5	1.500	107.000	370.000	0.004
81 07 07 1115		.3	1	0.45	18.000	12.000	58.0	6.70	7.0	2.700	70.000	128.000	
81 08 10 1245		.3	1				55.0	6.90	6.8	0.190	71.000	124.000	0.002
81 10 05 1140		.3	1	18.00	34.000	18.000	68.0	7.00	6.8	1.100	82.000	209.000	0.001<
MAXIMUM				**19.00**	**65.000**	**27.000**	**87.0**	**7.10**	**7.0**	**2.700**	**107.000**	**370.000**	**0.004**
ARITH MEAN				**14.18**	**39.875**	**18.875**	**66.1**	**6.92**	**6.8**	**1.232**	**82.000**	**209.222**	**0.002**
GEOM MEAN				**10.22**	**37.326**	**18.206**	**65.4**	**6.92**	**6.8**	**1.037**	**81.361**	**197.990**	**0.002**
MINIMUM				**0.45**	**18.000**	**12.000**	**55.0**	**6.60**	**6.5**	**0.190**	**70.000**	**124.000**	**0.001**
STD DEV (GEOM *)				**6.05**	**14.682**	**5.436**	**10.8**	**0.19**	**0.2**	**0.669**	**11.303**	**76.097**	**0.001**
# SAMPLES (IN STATISTICS)				**8**	**8**	**8**	**9**	**9**	**7**	**9**	**9**	**9**	**4**

(CONTD)

B.O.W./ SITE: **WABIGOON RIVER**
SAMPLE POINT: **AT MINNITAKI SIDEROAD**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-035-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0493550.0 5521800.0 4** REGION: **06** DISTANCE: **235.280**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HGUT MERCURY UNF.TOT. UG/L AS HG	CUUT COPPER UNF.TOT. MG/L AS CU	ZNUT ZINC UNF.TOT. MG/L AS ZN	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 01 12 1430		3	1	0.060	0.010	0.002	0.091	0.002
81 02 10 1115		3	1	0.050	0.006	0.013	0.092	0.003
81 03 09 1140		3	1		0.005	0.013	0.110	0.001<
81 04 07 1050		3	1		0.004	0.011	0.100	0.002
81 05 05 1100		3	1	0.060	0.006	0.010	0.098	0.001
81 06 08 1130		3	1	0.050<	0.007	0.005	0.077	0.001<
81 07 07 1115		3	1	0.050<	0.001<	0.011	0.112	0.001
81 08 10 1245		3	1	0.050<	0.002	0.001<	0.065	0.003
81 10 05 1140		3	1	0.050<	0.008	0.014	0.043	0.001
MAXIMUM				**0.060**	**0.010**	**0.014**	**0.112**	**0.003**
ARITH MEAN				**0.057**	**0.006**	**0.010**	**0.088**	**0.002**
GEOM MEAN				**0.056**	**0.005**	**0.009**	**0.084**	**0.002**
MINIMUM				**0.050**	**0.002**	**0.002**	**0.043**	**0.001**
STD DEV (GEOM *)				**0.006**	**0.002**	**0.004**	**0.022**	**0.001**
# SAMPLES (IN STATISTICS)				**3**	**8**	**8**	**9**	**7**

B.O.W./ SITE: **WABIGOON RIVER**
SAMPLE POINT: **HIGHWAY 609 NEAR QUIBELL**
STATION TYPE: **RIVER FLOW GAUGE FED 05QD006**

MAJOR BASIN: **ARCTIC DRAINAGE NELSON RIVE**
MINOR BASIN: **LAKE WINNIPEG EAST WINNIPEG**
TERM STREAM: **ENGLISH RIVER**

STATION ID: **19-0001-036-02**
STORET CODE: **05 001 1890**

LAT: LONG: U T M: **15 0471275.0 5533850.0 4** REGION: **06** DISTANCE: **199.875**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P
81 01 12 1549		.3	1	21000		25.100	129000	20000	2400	1.0	11.0	4.0	0.050
81 02 10 1030		.3	1	21004		20.300	250000	20000I	100<	0.0	12.0	3.8	0.043
81 03 09 1100		.3	1	21008	9	20.700	23000	17000	30I	0.5	13.6	3.5	0.041
81 04 07 1010		.3	1	21012	0	18.200	460	240	4	4.0	11.0	2.6	0.060
81 05 05 1015		.3	1	21016		12.600	19000	26000	4<	9.0	9.5	1.6	0.072
81 06 08 1030		.3	1	21020	9	11.200	470000	740000	100C	17.0	0.0	8.0	0.260
81 07 07 1015		.3	1	21024	0	69.900	230000	160000	20I	24.0	5.0	1.0	0.066
81 08 10 1200		.3	1	21028	0	20.900	21000I	10000I	400I	23.0	6.0	0.7	0.063
81 10 05 1045		.3	1	21039		22.700	5400	14100	200I	8.0	7.0	2.4	0.068
MAXIMUM						**69.900**	**470000**	**740000**	**2400**	**24.0**	**13.6**	**8.0**	**0.260**
ARITH MEAN						**24.622**	**127540**	**111927**	**451**	**10.8**	**9.4**	**3.1**	**0.080**
GEOM MEAN						**21.289**	**35032**	**20735**	**90**	**5.8**	**8.9**	**2.4**	**0.067**
MINIMUM						**11.200**	**460**	**240**	**4**	**0.5**	**5.0**	**0.7**	**0.041**
STD DEV (GEOM *)						**17.564**	**9***	**9***	**8***	**9.4**	**3.1**	**2.2**	**0.068**
# SAMPLES (IN STATISTICS)						**9**	**9**	**9**	**7**	**8**	**8**	**9**	**9**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L
81 01 12 1549		.3	1	0.008	0.010	0.520	0.006	0.010<	0.026	0.510	0.536	160.00	7.00
81 02 10 1030		.3	1	0.008	0.020	0.440	0.005	0.010<	0.035	0.420	0.455	100.00	4.00
81 03 09 1100		.3	1	0.009	0.010<	0.500	0.007	0.010<	0.027	0.490	0.517	160.00	
81 04 07 1010		.3	1	0.018	0.030	0.680	0.010	0.010	0.050	0.650	0.700	180.00	3.00
81 05 05 1015		.3	1	0.028	0.160	1.000	0.011	0.170	0.341	0.840	1.181	160.00	7.00
81 06 08 1030		.3	1	0.058	0.030	1.800	0.019			1.770		380.00	20.00
81 07 07 1015		.3	1	0.030	0.080	0.840	0.008	0.010	0.098	0.760	0.858	160.00	7.00
81 08 10 1200		.3	1	0.025	0.080	0.620	0.006	0.010<	0.096	0.540	0.636	150.00	5.00
81 10 05 1045		.3	1	0.015	0.160	1.200	0.011	0.010<	0.181	1.040	1.221	310.00	9.00
MAXIMUM				**0.058**	**0.160**	**1.800**	**0.019**	**0.170**	**0.341**	**1.770**	**1.181**	**380.00**	**20.00**
ARITH MEAN				**0.022**	**0.071**	**0.844**	**0.009**	**0.063**	**0.163**	**1.005**	**0.913**	**195.56**	**7.75**
GEOM MEAN				**0.018**	**0.048**	**0.763**	**0.009**	**0.026**	**0.119**	**0.926**	**0.892**	**180.99**	**6.62**
MINIMUM				**0.008**	**0.010**	**0.440**	**0.005**	**0.010**	**0.050**	**0.650**	**0.700**	**100.00**	**3.00**
STD DEV (GEOM *)				**0.016**	**0.061**	**0.437**	**0.004**	**0.092**	**0.156**	**0.516**	**0.245**	**89.18**	**5.31**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**9**	**3**	**3**	**4**	**3**	**9**	**8**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	COLAP COLOUR APPARENT HZU
81 01 12 1549		.3	1	170.0	12.00	15.000	8.500	45.0	6.90	6.8	0.700	53.000	94.000
81 02 10 1030		.3	1	160.0	11.00	14.000	8.800	47.0	7.00	6.8	0.650	51.000	99.000
81 03 09 1100		.3	1	200.0	6.00	23.000	10.000	49.0	7.10		0.700	57.000	121.000
81 04 07 1010		.3	1	206.0	7.30	20.000	12.000	54.0	7.00		0.950	65.000	148.000
81 05 05 1015		.3	1	150.0	14.00	4.000	12.000	57.0	7.00		1.200	57.000	142.000
81 06 08 1030		.3	1	490.0	15.00	76.000	25.000	88.0	6.80	6.9	1.000	111.000	339.000
81 07 07 1015		.3	1	136.0	6.70	6.000	7.500	48.0	6.70	6.5	0.690	54.000	185.000
81 08 10 1200		.3	1	200.0		19.000		53.0	7.00	6.5	0.001<	63.000	96.000
81 10 05 1045		.3	1	275.0	6.90	39.000	10.000	51.0	6.90	6.8	0.550	65.000	207.000
MAXIMUM				**490.0**	**15.00**	**76.000**	**25.000**	**88.0**	**7.10**	**6.9**	**1.200**	**111.000**	**339.000**
ARITH MEAN				**220.8**	**9.86**	**24.000**	**11.725**	**54.7**	**6.93**	**6.7**	**0.805**	**64.000**	**159.000**
GEOM MEAN				**204.2**	**9.30**	**17.183**	**10.918**	**53.6**	**6.93**	**6.7**	**0.781**	**62.238**	**145.647**
MINIMUM				**136.0**	**6.00**	**4.000**	**7.500**	**45.0**	**6.70**	**6.5**	**0.550**	**51.000**	**94.000**
STD DEV (GEOM *)				**109.0**	**3.58**	**22.011**	**5.595**	**13.0**	**0.12**	**0.2**	**0.220**	**18.371**	**78.285**
# SAMPLES (IN STATISTICS)				**9**	**8**	**9**	**8**	**9**	**9**	**6**	**8**	**9**	**9**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	ARSENIC UNF.TOT. MG/L AS AS	MERCURY UNF.TOT. UG/L AS HG	COPPER UNF.TOT. MG/L AS CU	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				ASUT	HGUT	CUUT	ZNUT	MNUT	NIUT
81 01 12 1549		.3	1	0.001	0.090	0.002	0.001<	0.056	0.001
81 02 10 1030		.3	1		0.050<	0.005	0.007	0.060	0.001
81 03 09 1100		.3	1			0.004	0.008	0.069	0.001<
81 04 07 1010		.3	1	0.002		0.003	0.006	0.075	0.002
81 05 05 1015		.3	1		0.050<	0.006	0.004	0.040	0.001
81 06 08 1030		.3	1	0.004	0.060	0.007	0.005	0.082	0.002
81 07 07 1015		.3	1		0.050<	0.001	0.006	0.052	0.001<
81 08 10 1200		.3	1	0.002	0.050<	0.002	0.001<	0.052	0.004
81 10 05 1045		.3	1	0.001<	0.050<	0.007	0.008	0.077	0.001
MAXIMUM				**0.004**	**0.090**	**0.007**	**0.008**	**0.082**	**0.004**
ARITH MEAN				**0.002**	**0.075**	**0.004**	**0.006**	**0.063**	**0.002**
GEOM MEAN				**0.002**	**0.073**	**0.003**	**0.006**	**0.061**	**0.001**
MINIMUM				**0.001**	**0.060**	**0.001**	**0.004**	**0.040**	**0.001**
STD DEV (GEOM *)				**0.001**	**0.021**	**0.002**	**0.001**	**0.014**	**0.001**
# SAMPLES (IN STATISTICS)				**4**	**2**	**9**	**7**	**9**	**7**

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **DOWNSTREAM FROM TIMMINS STP.**
STATION TYPE: **RIVER FLOW GAUGE FED 04LA002**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-001-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0473350.0 5371250.0 4** REGION: **05** DISTANCE: **425.660**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				SAMPLE	FWSTRC	FWFLOW	FWTEMP	DO	BOD5	PPUT	PPO4FR	NNHTFR	NNTKUR
81 02 13 1045		.3	1	23300		60.000	0.0	15.0	0.4	0.014	0.003	0.010	0.320
81 06 02 0900		.3	1	23301	8	89.400	8.0	11.70		0.030	0.005	0.048	0.38
81 06 11 0800		.3	1	23328	8	76.800	11.0	10.00		0.021	0.009	0.028	0.43
81 06 18 0900		.3	1	23344	8	91.700	14.5	9.70		0.030	0.001<W	0.006	0.40
81 06 25 0930		.3	1	23360	8	71.300	10.5	10.40		0.042	0.011	0.004	0.30
81 06 29 0900		.3	1	23365	8	77.900	12.5	10.0					
81 07 09 0915		.3	1	23392	8	58.200	22.5	7.50		0.021	0.007	0.004	0.45
81 07 16 0930		.3	1	23406	8	53.600	20.0	8.20		0.039	0.021	0.064	0.41
81 07 23 0843		.3	1	23422	8	40.700	19.0	8.20		0.040	0.010	0.004	0.32
81 08 04 1030		.3	1	23443	8	39.300	20.5	7.70		0.024	0.013	0.004	0.35
81 08 13 0930		.3	1	23468	8	35.100	19.5	7.10		0.048	0.034	0.006	0.52
81 08 20 0915		.3	1	23485	8	31.500	17.5	8.60		0.040	0.025	0.246	0.72
81 08 27 0930		.3	1	23501	8	28.700	17.0	8.20		0.062	0.050	0.006	0.50
81 10 02 1455		.3	1	23506		38.800	6.0	10.60		0.058	0.041	0.112	0.68
81 11 05 1340		.3	1	23525		47.000	5.0	10.20		0.055	0.027	0.004	0.55
81 12 02 1425		.3	1	23527		54.700	3.5	13.40		0.063	0.044	0.220	0.66
MAXIMUM						**91.700**	**22.5**	**15.0**	**0.4**	**0.063**	**0.050**	**0.246**	**0.72**
ARITH MEAN						**55.919**	**13.8**	**9.7**	**0.4**	**0.039**	**0.020<A**	**0.051**	**0.46**
GEOM MEAN						**52.483**	**12.1**	**9.5**		**0.036**	**0.013<A**	**0.016**	**0.44**
MINIMUM						**28.700**	**3.5**	**7.10**	**0.4**	**0.014**	**0.001**	**0.004**	**0.30**
STD DEV (GEOM *)						**20.391**	**6.2**	**2.1**		**0.016**	**0.016<A**	**0.080**	**0.13**
# SAMPLES (IN STATISTICS)						**16**	**15**	**16**	**1**	**15**	**15**	**15**	**15**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				NNO2FR	NNO3FR	NNOTFR	NNTIFR	NNKUR	NNKI	RST	RSP	RSF	COND25
81 02 13 1045		.3	1	0.003	0.117		0.130	0.310	0.440	80.0	6.0	74.000	114.0
81 06 02 0900		.3	1	0.004	0.065	0.070	0.117	0.332	0.449				86
81 06 11 0800		.3	1	0.035	0.060	0.095	0.123	0.402	0.525				88
81 06 18 0900		.3	1	0.005	0.110	0.115	0.121	0.394	0.515				86
81 06 25 0930		.3	1	0.002	0.115	0.115	0.121	0.296	0.417				96
81 07 09 0915		.3	1	0.002	0.145	0.145	0.151	0.446	0.597				96
81 07 16 0930		.3	1	0.016	0.035	0.050	0.115	0.346	0.461				94
81 07 23 0843		.3	1	0.002	0.100	0.100	0.106	0.316	0.422				100
81 08 04 1030		.3	1	0.001	0.100	0.100	0.105	0.346	0.451				105
81 08 13 0930		.3	1	0.002	0.200	0.200	0.208	0.514	0.722				106
81 08 20 0915		.3	1	0.021	0.020	0.040	0.287	0.474	0.761				116
81 08 27 0930		.3	1	0.007	0.360	0.365	0.373	0.494	0.867				118
81 10 02 1455		.3	1	0.011	0.145	0.155	0.268	0.568	0.836				116
81 11 05 1340		.3	1	0.003	0.180	0.185	0.187	0.546	0.733				104
81 12 02 1425		.3	1	0.061	0.085	0.145	0.366	0.440	0.806				115
MAXIMUM				**0.061**	**0.360**	**0.365**	**0.373**	**0.568**	**0.867**	**80.0**	**6.0**	**74.000**	**118**
ARITH MEAN				**0.012**	**0.122**	**0.134**	**0.185**	**0.415**	**0.600**	**80.0**	**6.0**	**74.000**	**102**
GEOM MEAN				**0.006**	**0.100**	**0.116**	**0.167**	**0.406**	**0.579**				**102**
MINIMUM				**0.001**	**0.020**	**0.040**	**0.105**	**0.298**	**0.417**	**80.0**	**6.0**	**74.000**	**86**
STD DEV (GEOM *)				**0.017**	**0.082**	**0.081**	**0.094**	**0.090**	**0.168**				**11**
# SAMPLES (IN STATISTICS)				**15**	**15**	**14**	**15**	**15**	**15**	**1**	**1**	**1**	**15**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN
TEST-NAME:				TURB	CLIDUR	ALKT	PH	PHNOL	ASUT	ALUT	CUUT	PBUT	ZNUT
81 02 13 1045		.3	1	1.30	1.200				0.001<	0.051	0.003	0.002<	0.009
81 06 02 0900		.3	1	2.00	1.30	40	7.52	1<T			0.006	0.003	0.001<
81 06 11 0800		.3	1	1.50	1.85	36	7.64	1<T			0.001<W	0.003<	0.001
81 06 18 0900		.3	1	1.50	1.20	35	7.68	1<T			0.001<	0.003	0.001<
81 06 25 0930		.3	1	0.50	1.50	39	7.64	1<T			0.003	0.003<	0.004
81 06 29 0900		.3	1	0.70	1.25			1<T					
81 07 09 0915		.3	1	2.20	1.25	39	7.59	1<T			0.001	0.003<	0.001<
81 07 16 0930		.3	1	2.30	1.20	39	7.25	1<T			0.002	0.003<	0.017
81 07 23 0843		.3	1	1.52	1.25	41	7.70	1<T			0.003	0.003<	0.002
81 08 04 1030		.3	1	1.15	1.15	44	7.80	1			0.003	0.003<	0.002
81 08 13 0930		.3	1	1.40	1.30	43	7.58	1<T			0.002	0.003	0.003
81 08 20 0915		.3	1	1.23	1.35	50	7.51	1			0.004	0.003<	0.002
81 08 27 0930		.3	1	0.75	1.45	49	7.38	2			0.001	0.003<	0.003
81 10 02 1455		3	1	1.23	3.30	45	7.56				0.001	0.003	0.001
81 11 05 1340		.3	1	0.96	1.55	42	7.49	1<T			0.002	0.003<	0.005

(CONTD)

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **DOWNSTREAM FROM TIMMINS STP.**
STATION TYPE: **RIVER FLOW GAUGE FED 04LA002**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-001-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0473350.0 5371250.0 4** REGION: **05** DISTANCE: **425.660**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 12 02 1425	.3	1		3.00	2.65	38	7.71	1<T			0.002	0.029	0.010
MAXIMUM				**3.00**	**3.30**	**50**	**7.80**	**2**		**0.051**	**0.006**	**0.029**	**0.017**
ARITH MEAN				**1.46**	**1.54**	**41**	**7.57**	**1<A**		**0.051**	**0.002<A**	**0.008**	**0.005**
GEOM MEAN				**1.32**	**1.47**	**41**	**7.57**	**1<A**			**0.002<A**	**0.005**	**0.003**
MINIMUM				**0.50**	**1.15**	**35**	**7.25**	**1**		**0.051**	**0.001**	**0.003**	**0.001**
STD DEV (GEOM *)				**0.65**	**0.59**	**4**	**0.14**	**0<A**			**0.001<A**	**0.012**	**0.005**
# SAMPLES (IN STATISTICS)				**16**	**16**	**14**	**14**	**14**		**1**	**14**	**5**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 13 1045	.3	1		0.016
MAXIMUM				**0.016**
ARITH MEAN				**0.016**
GEOM MEAN				
MINIMUM				**0.016**
STD DEV (GEOM *)				
# SAMPLES (IN STATISTICS)				**1**

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **HIGHWAY 101 BRIDGE, TIMMINS**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-002-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0474100.0 5369000.0 4** REGION: **05** DISTANCE: **427.269**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 02 13 1115	.3	1		23326		0.0	13.9	0.5	0.009	0.001	0.010	0.300	0.002
81 03 11 1530	.3	1		23327		1.0	15.0						
81 04 21 1540	.3	1		23328		1.0	14.2						
81 06 02 0830	.3	1		23300	8	8.0	11.40		0.062	0.042	0.048	0.39	0.003
81 06 11 0830	.3	1		23327	8	10.0	10.40		0.012	0.003	0.026	0.38	0.009
81 06 18 0830	.3	1		23343	8	14.5	10.00		0.068	0.047	0.010	0.30	0.019
81 06 25 0900	.3	1		23359	8	10.5	10.60		0.008	0.002	0.006	0.04	0.018
81 06 29 0830	.3	1		23364	8	12.7	10.2		0.022	0.003	0.002<T	0.38	0.017
81 07 09 0900	.3	1		23391	8	22.0	7.90		0.025	0.003	0.012	0.35	0.036
81 07 16 0900	.3	1		23405	8	20.0	8.50		0.014	0.001	0.024	0.33	0.001
81 07 23 0830	.3	1		23421	8	18.5	8.20		0.018	0.003	0.004	0.30	0.033
81 08 04 1000	.3	1		23442	8	21.0	7.90		0.012	0.003	0.022	0.31	0.013
81 08 13 0900	.3	1		23467	8	19.5	8.10		0.014	0.003	0.014	0.33	0.027
81 08 20 0900	.3	1		23484	8	17.5	8.40		0.028	0.003	0.026	0.52	0.004
81 08 27 0900	.3	1		23500	9	17.5	8.60		0.018	0.003	0.006	0.31	0.001<T
81 10 02 1445	.3	1		23505		3.0	11.20		0.010	0.003	0.014	0.32	0.002
81 11 05 1425	.3	1		23526		5.0	11.40		0.020	0.002	0.006	0.35	0.011
81 12 02 1405	.3	1		23528		3.5	13.40		0.010	0.001	0.022	0.33	0.002
MAXIMUM						**22.0**	**15.0**	**0.5**	**0.068**	**0.047**	**0.048**	**0.52**	**0.036**
ARITH MEAN						**12.1**	**10.5**	**0.5**	**0.022**	**0.008**	**0.016<A**	**0.32**	**0.012<A**
GEOM MEAN						**8.6**	**10.2**		**0.018**	**0.003**	**0.012<A**	**0.30**	**0.007<A**
MINIMUM						**1.0**	**7.90**	**0.5**	**0.008**	**0.001**	**0.002**	**0.04**	**0.001**
STD DEV (GEOM *)						**7.4**	**2.3**		**0.018**	**0.014**	**0.012<A**	**0.09**	**0.012<A**
# SAMPLES (IN STATISTICS)						**17**	**18**	**1**	**16**	**16**	**16**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 02 13 1115	.3	1		0.118		0.130	0.290	0.420	81.0	4.0	77.000	118.0	0.95
81 06 02 0830	.3	1		0.065	0.070	0.116	0.342	0.458		2		92	2.00
81 06 11 0830	.3	1		0.050	0.060	0.085	0.354	0.439		4		90	0.95
81 06 18 0830	.3	1		0.060	0.080	0.089	0.290	0.379		6		86	1.80
81 06 25 0900	.3	1		0.045	0.065	0.069	0.034	0.103		4		96	0.50
81 06 29 0830	.3	1		0.075	0.090	0.094	0.378	0.472		3		89	0.75
81 07 09 0900	.3	1		0.055	0.090	0.103	0.338	0.441		2		92	1.00
81 07 16 0900	.3	1		0.035	0.035	0.060	0.306	0.366		3		92	2.50
81 07 23 0830	.3	1		0.020	0.055	0.057	0.296	0.353		3		100	2.40
81 08 04 1000	.3	1		0.015	0.030	0.050	0.288	0.338		2.0		102	1.57
81 08 13 0900	.3	1		0.015	0.040	0.056	0.316	0.372		1.5		100	1.30
81 08 20 0900	.3	1		0.020	0.025	0.050	0.494	0.544		1.4		106	1.87
81 08 27 0900	.3	1		0.055	0.055	0.062	0.304	0.366		7.5		126	0.56
81 10 02 1445	.3	1		0.030	0.030	0.046	0.306	0.352				102	1.82
81 11 05 1425	.3	1		0.065	0.075	0.082	0.344	0.426		2.3		112	1.86
81 12 02 1405	.3	1		0.055	0.055	0.079	0.308	0.387		2.1		108	3.30
MAXIMUM				**0.118**	**0.090**	**0.130**	**0.494**	**0.544**	**81.0**	**7.5**	**77.000**	**126**	**3.30**
ARITH MEAN				**0.049**	**0.057**	**0.077**	**0.312**	**0.388**	**81.0**	**3**	**77.000**	**100**	**1.57**
GEOM MEAN				**0.042**	**0.053**	**0.073**	**0.284**	**0.371**		**2**		**100**	**1.38**
MINIMUM				**0.015**	**0.025**	**0.046**	**0.034**	**0.103**	**81.0**	**1.4**	**77.000**	**86**	**0.50**
STD DEV (GEOM *)				**0.027**	**0.022**	**0.025**	**0.090**	**0.094**		**1**		**11**	**0.78**
# SAMPLES (IN STATISTICS)				**16**	**15**	**16**	**16**	**16**	**1**	**15**	**1**	**16**	**16**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	ALKT ALK TOTAL MG/L AS CACO3	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL
81 02 13 1115		.3	1	3.000								0.001<	0.054
81 03 11 1530		.3	1									0.001<	0.060
81 04 21 1540		.3	1									0.001<	0.130
81 06 02 0830		.3	1	2.00		33	1<T	0.23	37	10.8	2.55	0.001<	
81 06 11 0830		.3	1	1.00	8.5	39	1<T	0.21	40	11.4	2.80	0.001<	
81 06 18 0830		.3	1	1.10		34	1<T	0.24	39	11.0	2.70	0.001<	
81 06 25 0900		.3	1	1.15		38	1<T	0.19	39	10.8	2.85	0.001<	
81 06 29 0830		.3	1	1.05		36	1<T	0.17	39	11.0	2.70	0.001<	
81 07 09 0900		.3	1	1.10		38	1<T	0.20	40	11.4	2.90	0.001<	
81 07 16 0900		.3	1	1.05		38	1<T	0.18	41	12.0	2.60	0.001<	
81 07 23 0830		.3	1	1.15		42	1<T	0.20	45	12.8	3.10	0.001<	
81 08 04 1000		.3	1	1.00	9.5	45	1<T	0.18	47	13.2	3.40	0.001<	
81 08 13 0900		.3	1	0.90		42	1<T	0.14	44	12.8	3.05	0.001<	
81 08 20 0900		.3	1	0.90	8.0	47	1<T	0.17	50	14.6	3.35	0.001<	
81 08 27 0900		.3	1	0.90		46	1<T	0.14	48	13.6	3.35	0.001<	
81 10 02 1445		.3	1	1.20	10.0	44		0.20	44	13.2	2.80	0.001<	
81 11 05 1425		.3	1	1.25	11.0	41	1<T	0.21	46	13.4	3.00	0.001<	
81 12 02 1405		.3	1	2.85	11.5	40	1<T	0.21	45	13.0	3.10	0.001<	
MAXIMUM				**3.000**	**11.5**	**47**	**1**	**0.24**	**50**	**14.6**	**3.40**		**0.130**
ARITH MEAN				**1.35**	**9.7**	**40**	**1<A**	**0.19**	**43**	**12.3**	**2.95**		**0.081**
GEOM MEAN				**1.24**	**9.7**	**40**	**1<A**	**0.19**	**43**	**12.3**	**2.94**		**0.075**
MINIMUM				**0.90**	**8.0**	**33**	**1**	**0.14**	**37**	**10.8**	**2.55**		**0.054**
STD DEV (GEOM *)				**0.66**	**1.4**	**4**	**0<A**	**0.03**	**4**	**1.2**	**0.27**		**0.042**
# SAMPLES (IN STATISTICS)				**16**	**6**	**15**	**14**	**15**	**15**	**15**	**15**		**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 13 1115		.3	1	0.002	0.002<	0.002<	0.003 <
81 03 11 1530		.3	1	0.001<	0.020	0.003	0.002 <
81 04 21 1540		.3	1	0.001<	0.003<	0.004	0.002 <
81 06 02 0830		.3	1	0.011	0.003<	0.001<	0.003
81 06 11 0830		.3	1	0.001<W	0.023	0.002	0.0006
81 06 18 0830		.3	1	0.002	0.010	0.002	0.0020<
81 06 25 0900		.3	1	0.071	0.010	0.002	0.0020<
81 06 29 0830		.3	1	0.028	0.010	0.001<	0.0030
81 07 09 0900		.3	1	0.005	0.004	0.002	0.0020<
81 07 16 0900		.3	1	0.320	0.003<	0.006	0.0020<
81 07 23 0830		.3	1	0.017	0.003	0.002	0.0020
81 08 04 1000		.3	1	0.002	0.003	0.003	0.0020
81 08 13 0900		.3	1	0.004	0.022	0.007	0.0010<
81 08 20 0900		.3	1	0.005	0.003	0.002	0.0010
81 08 27 0900		.3	1	0.010	0.003<	0.001	0.0020<
81 10 02 1445		.3	1	0.003	0.009	0.005	0.0010
81 11 05 1425		.3	1	0.002	0.008	0.005	0.0010
81 12 02 1405		.3	1	0.002	0.035	0.006	0.002 <
MAXIMUM				**0.320**	**0.035**	**0.007**	**0.0030**
ARITH MEAN				**0.030<A**	**0.012**	**0.003**	**0.001**
GEOM MEAN				**0.007<A**	**0.009**	**0.003**	**0.001**
MINIMUM				**0.001**	**0.003**	**0.001**	**0.0006**
STD DEV (GEOM *)				**0.079<A**	**0.010**	**0.002**	**0.000**
# SAMPLES (IN STATISTICS)				**16**	**13**	**15**	**8**

B.O.W / SITE: **PORCUPINE RIVER**
SAMPLE POINT: **HIGHWAY 101 WHITNEY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-003-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0487025.0 5371100.0 4** REGION: **05** DISTANCE: **431.936**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 02 16 1015		.3	1	23351		0.0	8.9	1.0	0.041	0.013	0.018	0.590	0.004
81 03 11 1435		.3	1	23352		1.0	9.8	1.6	0.045	0.013	0.170	1.030	0.170
81 06 02 1000		.3	1	23302	8	8.5	12.20		0.045	0.009	0.124	0.82	0.005
81 06 11 1030		.3	1	23329	8	12.0	12.80		0.053	0.016	0.048	1.05	0.030
81 06 18 1015		.3	1	23345	8	15.0	9.20		0.170	0.048	0.012	1.12	0.003
81 06 25 1000		.3	1	23361	8	10.0	11.90		0.075	0.014	0.006	0.75	0.005
81 06 29 1000		.3	1	23366		12.50	9.20		0.105	0.029	0.002<T	0.82	0.002
81 07 09 1030		.3	1	23393	8	23.0	9.10		0.042	0.013	0.006	0.70	0.265
81 07 16 1015		.3	1	23407	8	20.5	9.60		0.077	0.029	0.076	0.59	0.003
81 07 23 0930		.3	1	23423	8	18.00	7.20		0.162	0.095	0.036	0.60	0.043
81 08 04 1130		.3	1	23444	8	20.0	8.20		0.153	0.125	0.004	0.57	
81 08 13 1030		.3	1	23469	8	19.0	9.10		0.200	0.165	0.012	0.70	0.022
81 08 20 0915		.3	1	23486	8	19.5	9.70		0.182	0.140	0.080	0.60	0.008
81 08 27 1000		.3	1	23502	8	17.0	7.10		0.268	0.190	0.010	0.80	0.001<T
81 10 02 1420		.3	1	23507		1.5	12.40		0.170	0.140	0.052	0.62	0.003
81 11 05 1310		.3	1	23524		4.5	10.20		0.078	0.041	0.006	0.68	0.067
81 12 02 1335		.3	1	23529		4.0	13.20		0.050	0.018	0.070	0.60	0.019
MAXIMUM						**23.0**	**13.20**	**1.6**	**0.268**	**0.190**	**0.170**	**1.12**	**0.265**
ARITH MEAN						**12.8**	**9.9**	**1.3**	**0.113**	**0.065**	**0.043<A**	**0.74**	**0.041<A**
GEOM MEAN						**9.6**	**9.8**	**1.3**	**0.093**	**0.039**	**0.021<A**	**0.72**	**0.011<A**
MINIMUM						**1.0**	**7.10**	**1.0**	**0.041**	**0.009**	**0.002**	**0.57**	**0.001**
STD DEV (GEOM *)						**7.2**	**1.8**	**0.4**	**0.070**	**0.063**	**0.048<A**	**0.17**	**0.073<A**
# SAMPLES (IN STATISTICS)						**16**	**17**	**2**	**17**	**17**	**17**	**17**	**16**

(CONTD)

SAMPLE INFORMATION SYSTEM | 1981 WATER QUALITY DATA | DATE OF REPORT: 14 SEP 82

B.O.W./ SITE: **PORCUPINE RIVER**
SAMPLE POINT: **HIGHWAY 101 WHITNEY TOWNSHIP**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-003-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0487025.0 5371100.0 4** REGION: **05** DISTANCE: **431.936**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NO3-N FIL.REAC MG/L AS N	NNO3FR NO2+NO3N FIL.REAC MG/L AS N	NNOTFR INORG N TOTAL FIL.REAC MG/L	NNTIFR KJELDAHL ORGANIC UNF.REAC MG/L	NNKUR TOTAL N MG/L AS N	NNKI RESIDUE TOTAL MG/L	RST RESIDUE PARTIC. MG/L	RSP RESIDUE FILTERED MG/L	RSF CONDUCT. 25C UMHO/CM AT 25 C	COND25 TURB'ITY FTU	TURB
81 02 16 1015	.3	1	0.321		0.343	0.572	0.915	571.0	5.0	566.0	780.0	1.50		
81 03 11 1435	.3	1	0.810		1.150	0.860	2.010	571.0	21.0	550.0	800.0	4.00		
81 06 02 1000	.3	1	0.525	0.530	0.654	0.696	1.350		5	407	580	2.00		
81 06 11 1030	.3	1	0.265	0.295	0.343	1.002	1.345		6	422	580	2.50		
81 06 18 1015	.3	1	0.455	0.460	0.470	1.108	1.578		118	416	610	25.00		
81 06 25 1000	.3	1	0.265	0.270	0.276	0.744	1.020		7	420	600	2.00		
81 06 29 1000	.3	1	0.385	0.385	0.389	0.818	1.207		31	431	600	4.80		
81 07 09 1030	.3	1	0.010	0.275	0.281	0.694	0.975		4	451	620	1.50		
81 07 16 1015	.3	1	0.005	0.005<T	0.084	0.514	0.598		4	472	620	2.80		
81 07 23 0930	.3	1	0.005<T	0.045	0.084	0.564	0.648		5	439	640	2.80		
81 08 04 1130	.3	1		0.085		0.566	0.655		2.1	502	640	1.71		
81 08 13 1030	.3	1	0.135	0.155	0.169	0.688	0.857		49.5	438	640	0.90		
81 08 20 0915	.3	1	0.005<T	0.010	0.093	0.520	0.613		8.1	443	620	0.78		
81 08 27 1000	.3	1	0.250	0.250	0.261	0.790	1.051		3.7	471	660	0.81		
81 10 02 1420	.3	1	0.130	0.135	0.185	0.568	0.753				660	1.67		
81 11 05 1310	.3	1	0.070	0.135	0.143	0.674	0.817		4.8	550	740	1.41		
81 12 02 1335	.3	1	0.005	0.025	0.094	0.530	0.624		3.8	490	780	4.40		
MAXIMUM			**0.810**	**0.530**	**1.150**	**1.108**	**2.010**	**571.0**	**118**	**566.0**	**800.0**	**25.00**		
ARITH MEAN			**0.228<A**	**0.204<A**	**0.329**	**0.712**	**1.026**	**571.0**	**17**	**466**	**657**	**3.56**		
GEOM MEAN			**0.081<A**	**0.114<A**	**0.252**	**0.695**	**0.965**	**571.0**	**8**	**464**	**653**	**2.23**		
MINIMUM			**0.005**	**0.005**	**0.084**	**0.520**	**0.613**	**571.0**	**2.1**	**407**	**580**	**0.78**		
STD DEV (GEOM *)			**0.232<A**	**0.166<A**	**0.276**	**0.171**	**0.391**	**0.0**	**29**	**51**	**72**	**5.66**		
# SAMPLES (IN STATISTICS)			**16**	**15**	**15**	**16**	**16**	**2**	**16**	**16**	**17**	**17**		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CHLORIDE UNF.REAC MG/L AS CL	CLIDUR SULPHATE UNF.REAC MG/L AS SO4	SSO4UR ALK TOTAL MG/L AS CACO3	ALKT PH	PH PHENOLS UNF-REAC UG/L PHENOL	PHNOL IRON UNF.TOT. MG/L AS FE	FEUT ARSENIC UNF.TOT. MG/L AS AS	ASUT ALUMINUM UNF.TOT. MG/L AS AL	ALUT CHROMIUM UNF.TOT. MG/L AS CR	CRUT COPPER UNF.TOT. MG/L AS CU	CUUT
81 02 16 1015	.3	1	33.000						0.006	0.064		0.020		
81 03 11 1435	.3	1	40.000						0.006	0.110		0.029		
81 06 02 1000	.3	1	27.00	153.0	95	7.93	1<T	0.27		0.027	0.002 <	0.020		
81 06 11 1030	.3	1	27.50	161.0	100	8.64	1<T	0.22		0.200	0.0060	0.029		
81 06 18 1015	.3	1	31.00	169.0	102	7.98	1<T	2.50		1.400	0.0030	0.056		
81 06 25 1000	.3	1	28.50	148.0	103	8.28	1<T	0.16		0.140	0.0020<	0.020		
81 06 29 1000	.3	1	27.50	128.0	103	7.55	1<T	1.24		0.380	0.0030	0.038		
81 07 09 1030	.3	1	30.00	133.0	108	8.48	1<T	0.22		0.180	0.0030	0.019		
81 07 16 1015	.3	1	28.50	192.0	109	8.60	1<T	0.11		0.010	0.0020<	0.013		
81 07 23 0930	.3	1	29.00	167.0	112	8.30	1<T	0.13		0.130	0.0030	0.018		
81 08 04 1130	.3	1	29.50	173	117	8.20	1	0.10		0.150	0.0040	0.017		
81 08 13 1030	.3	1	28.50	165.0	120	8.30	1<T	0.14		0.160	0.0040	0.120		
81 08 20 0915	.3	1	28.50	170.0	122	8.48	1<T	0.07		0.140	0.0030	0.017		
81 08 27 1000	.3	1	29.50	198.0	125	7.84	2	0.15		0.043	0.0020<	0.009		
81 10 02 1420	.3	1	30.50	143.0	143	8.33		0.17		0.290	0.0020<	0.018		
81 11 05 1310	.3	1	34.50	195.0	134	8.17	1<T	0.18		0.200	0.0040	0.021		
81 12 02 1335	.3	1	35.00	215.0	134	8.35	1<T	0.10		0.037	0.002 <	0.012		
MAXIMUM			**40.000**	**215.0**	**143**	**8.64**	**2**	**2.50**	**0.006**	**1.400**	**0.0060**	**0.120**		
ARITH MEAN			**30.47**	**167**	**115**	**8.23**	**1<A**	**0.38**	**0.006**	**0.215**	**0.0037**	**0.028**		
GEOM MEAN			**30.30**	**165**	**114**	**8.22**	**1<A**	**0.20**	**0.006**	**0.119**	**0.0036**	**0.022**		
MINIMUM			**27.00**	**128.0**	**95**	**7.55**	**1**	**0.07**	**0.006**	**0.010**	**0.0030**	**0.009**		
STD DEV (GEOM *)			**3.38**	**24**	**14**	**0.30**	**0<A**	**0.65**	**0.000**	**0.320**	**0.0010**	**0.026**		
# SAMPLES (IN STATISTICS)			**17**	**15**	**15**	**15**	**14**	**15**	**2**	**17**	**9**	**17**		

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: LEAD UNF.TOT. MG/L AS PB	PBUT ZINC UNF.TOT. MG/L AS ZN	ZNUT NICKEL UNF.TOT. MG/L AS NI	NIUT CYANIDE AVAIL UNF.REAC MG/L AS HCN	CCNAUR
81 02 16 1015	.3	1	0.023	0.019	0.034	0.010<		
81 03 11 1435	.3	1	0.007	0.032	0.043	0.010<		
81 06 02 1000	.3	1	0.006	0.004	0.017			
81 06 11 1030	.3	1	0.013	0.004	0.0210			
81 06 18 1015	.3	1	0.003<	0.015	0.0270			
81 06 25 1000	.3	1	0.003<	0.004	0.0200			
81 06 29 1000	.3	1	0.003	0.009	0.0200			
81 07 09 1030	.3	1	0.003<	0.004	0.0170			
81 07 16 1015	.3	1	0.003<	0.001<	0.0100			
81 07 23 0930	.3	1	0.003	0.005	0.0210			
81 08 04 1130	.3	1	0.006	0.005	0.0190			
81 08 13 1030	.3	1	0.004	0.006	0.0160			
81 08 20 0915	.3	1	0.003<	0.006	0.0180			
81 08 27 1000	.3	1	0.002<	0.001	0.0170			
81 10 02 1420	.3	1	0.012	0.011	0.0240			
81 11 05 1310	.3	1	0.006	0.017	0.0220			
81 12 02 1335	.3	1	0.009	0.008	0.022			
MAXIMUM			**0.023**	**0.032**	**0.043**			
ARITH MEAN			**0.008**	**0.009**	**0.021**			
GEOM MEAN			**0.007**	**0.007**	**0.020**			
MINIMUM			**0.003**	**0.001**	**0.0100**			
STD DEV (GEOM *)			**0.006**	**0.008**	**0.007**			
# SAMPLES (IN STATISTICS)			**11**	**16**	**17**			

B.O.W./ SITE: **PORCUPINE RIVER**
SAMPLE POINT: **HIGHWAY 101 BRIDGE, HOYLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02MD004**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-004-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0496000.0 5377200.0 4** REGION: **05** DISTANCE: **404.739**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 02 16 1130		.3	1	23376		0.750	0.0	0.9	2.4	0.188	0.094	0.284	0.900
81 03 11 1410		.3	1	23377		2.650	0.0	0.8	0.8	0.072	0.023	0.246	0.820
81 06 02 1040		.3	1	23303	8	4.750	8.5	10.70		0.060	0.013	0.042	0.78
81 06 11 1100		.3	1	23330	8	2.820	12.0	8.80		0.070	0.032	0.008	0.78
81 06 18 1100		.3	1	23346	8	1.880	15.5	7.30		0.085	0.039	0.026	0.72
81 06 25 1100		.3	1	23362	8	1.730	10.5	9.00		0.065	0.024	0.004	0.70
81 06 29 1030		.3	1	23367	8	1.730	12.00	8.90		0.068	0.012	0.002<T	0.72
81 07 09 1100		.3	1	23394	8	1.440	23.5	5.80		0.112	0.072	0.006	0.65
81 07 16 1045		.3	1	23408	8	1.340	20.5	4.70		0.122	0.066	0.054	0.85
81 07 23 1000		.3	1	23424	8	0.756	19.0	5.20		0.118	0.056	0.006	0.70
81 08 04 1130		.3	1	23445	8	0.680	20.0	8.50		0.070	0.033	0.004	0.70
81 08 13 1100		.3	1	23470	8	0.436	19.0	6.50		0.085	0.051	0.010	0.60
81 08 20 1030		.3	1	23487	8	0.516	17.0	8.20		0.075	0.031	0.060	0.45
81 08 27 1030		.3	1	23503		0.506	16.5	7.80		0.082	0.052	0.008	0.38
81 10 02 1420		.3	1	23508		0.452	6.0	8.40		0.052	0.031	0.044	0.30
81 11 05 1225		.3	1	23523		4.480	4.0	9.80			0.025	0.016	0.78
81 12 02 1310		.3	1	23530		1.680	3.5	9.35		0.080	0.042	0.052	0.75
MAXIMUM						**4.750**	**23.5**	**10.70**	**2.4**	**0.188**	**0.094**	**0.284**	**0.900**
ARITH MEAN						**1.682**	**13.8**	**7.1**	**1.6**	**0.088**	**0.041**	**0.051<A**	**0.68**
GEOM MEAN						**1.269**	**12.0**	**5.9**	**1.4**	**0.083**	**0.036**	**0.019<A**	**0.65**
MINIMUM						**0.436**	**3.5**	**0.8**	**0.8**	**0.052**	**0.012**	**0.002**	**0.30**
STD DEV (GEOM *)						**1.328**	**6.3**	**2.8**	**1.1**	**0.033**	**0.022**	**0.083<A**	**0.16**
# SAMPLES (IN STATISTICS)						**17**	**15**	**17**	**2**	**16**	**17**	**17**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C
TEST-NAME:				*NNO2FR*	*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*
81 02 16 1130		.3	1	0.350	0.080		0.714	0.616	1.330	585.0	10.0	575.0	760.0
81 03 11 1410		.3	1	0.055	0.340		0.641	0.574	1.215	569.0	8.0	561.0	760.0
81 06 02 1040		.3	1	0.025	0.175	0.200	0.242	0.738	0.980		9	202	310
81 06 11 1100		.3	1	0.044	0.225	0.270	0.277	0.772	1.049		11	224	345
81 06 18 1100		.3	1	0.005	0.285	0.290	0.316	0.694	1.010		21	305	440
81 06 25 1100		.3	1	0.006	0.115	0.120	0.125	0.696	0.821		11	250	385
81 06 29 1030		.3	1	0.007	0.130	0.135	0.139	0.718	0.857		11	234	360
81 07 09 1100		.3	1	0.060	0.180	0.240	0.246	0.644	0.890		3	355	460
81 07 16 1045		.3	1	0.080	0.005<T	0.080	0.139	0.796	0.935		5	378	480
81 07 23 1000		.3	1	0.003	0.165	0.170	0.174	0.694	0.868		6	413	580
81 08 04 1130		.3	1	0.003	0.170	0.175	0.177	0.696	0.873		8.6	724	900
81 08 13 1100		.3	1	0.046	0.045	0.090	0.101	0.590	0.691		12.5	659	880
81 08 20 1030		.3	1	0.002	0.005<T	0.005	0.067	0.390	0.457		7.0	810	1040
81 08 27 1030		.3	1	0.015	0.050	0.065	0.073	0.372	0.445		8.7	817	1020
81 10 02 1420		.3	1	0.008	0.005<T	0.010	0.057	0.256	0.313				1180
81 11 05 1225		.3	1	0.011	0.300	0.310	0.327	0.764	1.091			9	
81 12 02 1310		.3	1	0.035	0.450	0.485	0.537	0.698	1.235		8.2	527	750
MAXIMUM				**0.350**	**0.450**	**0.485**	**0.714**	**0.796**	**1.330**	**585.0**	**21**	**817**	**1180**
ARITH MEAN				**0.044**	**0.160<A**	**0.176**	**0.256**	**0.630**	**0.886**	**577.0**	**9**	**440**	**665**
GEOM MEAN				**0.017**	**0.087<A**	**0.113**	**0.195**	**0.606**	**0.832**	**576.9**	**8**	**331**	**609**
MINIMUM				**0.002**	**0.005**	**0.005**	**0.057**	**0.256**	**0.313**	**569.0**	**3**	**9**	**310**
STD DEV (GEOM *)				**0.082**	**0.128<A**	**0.128**	**0.199**	**0.153**	**0.282**	**11.3**	**4**	**237**	**282**
# SAMPLES (IN STATISTICS)				**17**	**17**	**15**	**17**	**17**	**17**	**2**	**15**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	IRON UNF.TOT. MG/L AS FE	ARSENIC UNF.TOT. MG/L AS AS	ALUMINUM UNF.TOT. MG/L AS AL	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FEUT*	*ASUT*	*ALUT*	*CUUT*	*PBUT*
81 02 16 1130		.3	1	7.30	19.500					0.005	0.470	0.008	0.002<
81 03 11 1410		.3	1	3.70	22.000					0.004	0.290	0.010	0.003<
81 06 02 1040		.3	1			86.0	48	7.52	0.79				
81 06 11 1100		.3	1			109.0	58	7.58	0.80		0.480	0.006	0.003<
81 06 18 1100		.3	1			135	60	7.44	0.75		0.500	0.006	0.010
81 06 25 1100		.3	1			113.0	52	7.46	0.78		0.590	0.007	0.007
81 06 29 1030		.3	1			120.0	46	7.31	0.90		0.340	0.006	0.004
81 07 09 1100		.3	1			114.0	68	7.46	0.90		0.560	0.007	0.010
81 07 16 1045		.3	1			152.0	78	7.44	0.80		0.026	0.005	0.003<
81 07 23 1000		.3	1			189.0	79	7.39	0.50		0.260	0.008	0.035
81 08 04 1130		.3	1			366	85	7.50	0.38		0.350	0.012	0.017
81 08 13 1100		.3	1			330.0	110	7.54	0.26		0.250	0.012	0.004
81 08 20 1030		.3	1			433.0	104	7.63	0.34		0.310	0.013	0.003<
81 08 27 1030		.3	1			448.0	109	7.52	0.29		0.450	0.006	0.003<
81 10 02 1420		.3	1			483.0	101	7.72	0.21		0.130	0.006	0.039
81 11 05 1225		.3	1			153.0					0.420		
81 12 02 1310		.3	1			297.0	72	7.67	0.64		0.430	0.005	0.018
MAXIMUM				**7.30**	**22.000**	**483.0**	**110**	**7.72**	**0.90**	**0.005**	**0.590**	**0.013**	**0.039**
ARITH MEAN				**5.50**	**20.750**	**235**	**76**	**7.51**	**0.60**	**0.004**	**0.366**	**0.008**	**0.018**
GEOM MEAN				**5.20**	**20.712**	**198**	**73**	**7.51**	**0.53**	**0.004**	**0.310**	**0.007**	**0.012**
MINIMUM				**3.70**	**19.500**	**86.0**	**46**	**7.31**	**0.21**	**0.004**	**0.026**	**0.005**	**0.004**
STD DEV (GEOM *)				**2.55**	**1.768**	**142**	**23**	**0.11**	**0.25**	**0.001**	**0.153**	**0.003**	**0.013**
# SAMPLES (IN STATISTICS)				**2**	**2**	**15**	**14**	**14**	**14**	**2**	**16**	**15**	**9**

(CONTD)

B.O.W./ SITE: **PORCUPINE RIVER**
SAMPLE POINT: **HIGHWAY 101 BRIDGE, HOYLE**
STATION TYPE: **RIVER FLOW GAUGE FED 02MD004**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-004-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0496000.0 5377200.0 4** REGION: **05** DISTANCE: **404.739**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: ZNUT ZINC UNF.TOT. MG/L AS ZN	NIUT NICKEL UNF.TOT. MG/L AS NI	CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN
81 02 16 1130		.3	1	0.090	0.014	0.010<
81 03 11 1410		.3	1	0.083	0.020	0.010<
81 06 11 1100		.3	1	0.018	0.0050	
81 06 18 1100		.3	1	0.017	0.0070	
81 06 25 1100		.3	1	0.017	0.0050	
81 06 29 1030		.3	1	0.016	0.0030	
81 07 09 1100		.3	1	0.016	0.0030	
81 07 16 1045		.3	1	0.011	0.0030	
81 07 23 1000		.3	1	0.017	0.0080	
81 08 04 1130		.3	1	0.012	0.0060	
81 08 13 1100		.3	1	0.013	0.0060	
81 08 20 1030		.3	1	0.015	0.0060	
81 08 27 1030		.3	1	0.026	0.0080	
81 10 02 1420		.3	1	0.017	0.0020	
81 12 02 1310		.3	1	0.022	0.008	
MAXIMUM				**0.090**	**0.020**	
ARITH MEAN				**0.026**	**0.006**	
GEOM MEAN				**0.020**	**0.005**	
MINIMUM				**0.011**	**0.0020**	
STD DEV (GEOM *)				**0.025**	**0.004**	
# SAMPLES (IN STATISTICS)				15	15	

B.O.W./ SITE: **BLACK RIVER**
SAMPLE POINT: **HIGHWAY 101 TOWN OF MATHESON**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-007-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0539500.0 5376150.0 4** REGION: **05** DISTANCE: **422.763**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 02 12 1150		.3	1	23400		0.0	15.4	1.4	0.072	0.015	0.420	1.400	0.013
81 03 11 1315		.3	1	23401		1.0	14.8	0.9	0.030	0.042	0.182	0.830	0.021
81 04 15 1130		.3	1	23402		0.0	14.7	1.4	0.070	0.017	0.004	0.550	0.005
81 06 02 1130		.3	1	23304	8	9.0	11.40		0.040	0.005	0.044	0.58	0.008
81 06 11 1200		.3	1	23331	8	10.5	10.60		0.041	0.010	0.014	0.48	0.024
81 06 18 1200		.3	1	23347	8	15.5	9.40		0.012	0.010	0.010	0.45	0.008
81 06 25 1200		.3	1	23363	8	10.5	10.20		0.050	0.010	0.004	0.45	0.007
81 06 29 1130		.3	1	23368	8	12.0	10.3		0.042	0.005	0.004	0.48	0.006
81 07 09 1200		.3	1	23395	8	24.0	7.40		0.055	0.014	0.006	0.70	0.010
81 07 16 1130		.3	1	23409	8	23.0	7.40		0.055	0.021	0.064	0.65	0.056
81 07 23 1100		.3	1	23425	8	20.0	6.90		0.052	0.022	0.006	0.48	0.005
81 08 04 1250		.3	1	23446	8	21.5	8.00		0.038	0.016	0.004	0.45	0.003
81 08 13 1200		.3	1	23471	8	20.0	8.10		0.030	0.010	0.002	0.38	0.033
81 08 20 1115		.3	1	23488	8	21.0	9.20		0.035	0.016	0.092	0.38	0.006
81 08 27 1100		.3	1	23504	8	18.5	8.70		0.082	0.016	0.002	0.60	0.002
81 10 02 1320		.3	1	23509		6.0	10.40		0.015	0.011	0.022	0.40	0.010
81 11 05 1155		.3	1	23522		5.0	11.00		0.035	0.004	0.012	0.55	0.005
81 12 02 1220		.3	1	23531		3.5	13.20		0.020	0.004	0.010	0.45	0.005
MAXIMUM						**24.0**	**15.4**	**1.4**	**0.082**	**0.042**	**0.420**	**1.400**	**0.056**
ARITH MEAN						**13.8**	**10.3**	**1.2**	**0.043**	**0.014**	**0.050**	**0.57**	**0.013**
GEOM MEAN						**10.8**	**10.0**	**1.2**	**0.038**	**0.012**	**0.014**	**0.53**	**0.009**
MINIMUM						**1.0**	**6.90**	**0.9**	**0.012**	**0.004**	**0.002**	**0.38**	**0.002**
STD DEV (GEOM *)						**7.6**	**2.6**	**0.3**	**0.019**	**0.009**	**0.103**	**0.23**	**0.014**
# SAMPLES (IN STATISTICS)						**16**	**18**	**3**	**18**	**18**	**18**	**18**	**18**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 02 12 1150		.3	1	0.167		0.600	0.980	1.580	165.0	12.0	153.000	235.0	6.20
81 03 11 1315		.3	1	0.304		0.507	0.648	1.155	104.0	8.0	96.000	148.0	5.80
81 04 15 1130		.3	1	0.175		0.184	0.546	0.730	73.0	27.0	46.000	70.0	21.00
81 06 02 1130		.3	1	0.040	0.050	0.092	0.536	0.628				100	4.60
81 06 11 1200		.3	1	0.030	0.055	0.068	0.466	0.534				116	5.10
81 06 18 1200		.3	1	0.075	0.085	0.093	0.440	0.533				114	8.70
81 06 25 1200		.3	1	0.088	0.095	0.099	0.446	0.545				125	2.80
81 06 29 1130		.3	1	0.090	0.095	0.100	0.476	0.576				112	4.20
81 07 09 1200		.3	1	0.105	0.115	0.121	0.694	0.815				124	9.00
81 07 16 1130		.3	1	0.020	0.075	0.140	0.586	0.726				136	17.00
81 07 23 1100		.3	1	0.110	0.115	0.121	0.474	0.595				160	15.50
81 08 04 1250		.3	1	0.075	0.080	0.082	0.446	0.528				185	7.40
81 08 13 1200		.3	1	0.020	0.055	0.055	0.378	0.433				200	6.70
81 08 20 1115		.3	1	0.005<T	0.010	0.103	0.288	0.391				200	3.50
81 08 27 1100		.3	1	0.095	0.095	0.099	0.598	0.697				200	2.10
81 10 02 1320		.3	1	0.030	0.040	0.062	0.378	0.440				165	9.80
81 11 05 1155		.3	1	0.065	0.070	0.082	0.538	0.620				112	3.40
81 12 02 1220		.3	1	0.095	0.100	0.110	0.440	0.550				150	10.40
MAXIMUM				**0.304**	**0.115**	**0.600**	**0.980**	**1.580**	**165.0**	**27.0**	**153.000**	**235.0**	**21.00**
ARITH MEAN				**0.088<A**	**0.076**	**0.151**	**0.520**	**0.671**	**114.0**	**15.7**	**98.333**	**147**	**7.96**
GEOM MEAN				**0.062<A**	**0.067**	**0.117**	**0.502**	**0.630**	**107.8**	**13.7**	**87.749**	**141**	**6.59**
MINIMUM				**0.005**	**0.010**	**0.055**	**0.288**	**0.391**	**73.0**	**8.0**	**46.000**	**70.0**	**2.10**
STD DEV (GEOM *)				**0.072<A**	**0.029**	**0.150**	**0.152**	**0.285**	**46.8**	**10.0**	**53.538**	**43**	**5.23**
# SAMPLES (IN STATISTICS)				18	15	18	18	18	3	3	3	18	18

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	CDUT CADMIUM UNF.TOT. MG/L AS CD	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 02 12 1150		.3	1	39.000				0.001<	0.310	0.012	0.001<	0.0003	0.014
81 03 11 1315		.3	1	3.350				0.001<	0.450	0.010	0.003<	0.0008	0.030
81 04 15 1130		.3	1	1.300									
81 06 02 1130		.3	1	1.30	43	7.57	1<T			0.008	0.010		0.017
81 06 11 1200		.3	1	1.35	53	7.76	1<T			0.002	0.003<		0.003
81 06 18 1200		.3	1	1.10	49	7.70	1<T			0.006	0.010		0.004
81 06 25 1200		.3	1	0.95	52	7.67	1<T			0.016	0.010		0.014
81 06 29 1130		.3	1	1.25	52	7.61	1<T			0.110	0.010		0.003
81 07 09 1200		.3	1	1.35	56	7.60	1<T			0.003	0.003<		0.003
81 07 16 1130		.3	1	1.20	63	7.76	1<T			0.011	0.003<		0.004
81 07 23 1100		.3	1	1.00	76	7.72	1<T			0.001	0.003<		0.001
81 08 04 1250		.3	1	1.20	89	7.86	1<T			0.050	0.006		0.004
81 08 13 1200		.3	1	1.25	97	7.98	1<T			0.004	0.003<		0.003
81 08 20 1115		.3	1	1.20	99	7.97	1<T			0.210	0.023		0.006
81 08 27 1100		.3	1	1.80	92	7.98	1			0.037	0.004		0.003
81 10 02 1320		.3	1	1.75	69	7.73				0.002	0.003<		0.001
81 11 05 1155		.3	1	1.80	44	7.33	1<T			0.015	0.003<		0.004
81 12 02 1220		.3	1	1.75	61	7.85	1<T			0.001	0.012		0.004
MAXIMUM				**39.000**	**99**	**7.98**	**1**		**0.450**	**0.210**	**0.023**	**0.0008**	**0.030**
ARITH MEAN				**3.55**	**66**	**7.74**	**1<A**		**0.380**	**0.029**	**0.011**	**0.0005**	**0.007**
GEOM MEAN				**1.67**	**64**	**7.74**	**1<A**		**0.373**	**0.009**	**0.009**	**0.0005**	**0.005**
MINIMUM				**0.95**	**43**	**7.33**	**1**		**0.310**	**0.001**	**0.004**	**0.0003**	**0.001**
STD DEV (GEOM *)				**8.86**	**20**	**0.18**	**0<A**		**0.099**	**0.054**	**0.006**	**0.0004**	**0.008**
# SAMPLES (IN STATISTICS)				**18**	**15**	**15**	**14**		**2**	**17**	**8**	**2**	**17**

B.O.W. / SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **UPSTREAM FROM SPRUCE FALLS PAPER COMPANY**
STATION TYPE: **RIVER FLOW GAUGE FED 04LF001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-009-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0396000.0 5473400.0 4** REGION: **05** DISTANCE: **300.939**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 04 15 1615		.3	1	23528		214.000	0.0	14.9	0.4	0.028	0.002	0.010	0.440
81 06 03 1600		.3	1	23313	8	121.000	9.0	10.80	0.6	0.019	0.001	0.030	0.55
81 06 16 1530		.3	1	23341	8	106.000	13.0	9.40	0.4	0.025	0.002	0.002<T	0.52
81 06 22 1330		.3	1	23354	8	81.800	13.0	8.60	0.8	0.015	0.004	0.004	0.55
81 06 30 1200		.3	1	23376	8	67.500	13.50	8.20	0.4	0.028	0.004	0.024	0.50
81 07 07 1400		.3	1	23387	8	58.000	17.0	7.00	0.6	0.024	0.007	0.052	0.47
81 07 14 1400		.3	1	23403	8	36.800	22.0	3.10	0.2	0.020	0.008	0.074	0.62
81 07 21 0945		.3	1	23415	8	30.200	20.5	4.00	0.6	0.025	0.004	0.044	0.45
81 07 28 0900		.3	1	23431	8	19.500	19.0	1.40	1.0	0.032	0.007	0.060	0.52
81 08 06 0930		.3	1	23452	8	9.120	20.0	3.60	1.0	0.020	0.006	0.004	0.42
81 08 11 1330		.3	1	23465	8	8.380	20.0	2.80	1.2	0.025	0.005	0.020	0.55
81 08 18 1430		.3	1	23480	8	7.790	19.0	0.90	1.4	0.012	0.006	0.030	0.45
81 08 25 1230		.3	1	23496	8	2.940	19.5	2.10	1.2	0.018	0.008	0.006	0.52
81 09 06 1430		.3		23324		10.600	11.0	10.4	0.2 <	0.034	0.001	0.030	0.52
81 10 01 1100		.3	1	23514		5.070	6.0	6.60	0.700	0.020	0.004	0.030	0.35
81 11 04 1240		.3	1	23517		32.600	4.5	12.40	0.2 <T	0.022	0.002	0.006	0.60
81 12 01 1245		.3	1	23536		20.400	1.0	13.60	1.0	0.020	0.003	0.032	0.52
MAXIMUM						**214.000**	**22.0**	**14.9**	**1.4**	**0.034**	**0.008**	**0.074**	**0.62**
ARITH MEAN						**48.924**	**14.2**	**7.0**	**0.7 <A**	**0.023**	**0.004**	**0.027<A**	**0.50**
GEOM MEAN						**26.076**	**11.7**	**5.4**	**0.6 <A**	**0.022**	**0.004**	**0.018<A**	**0.49**
MINIMUM						**2.940**	**1.0**	**0.90**	**0.2**	**0.012**	**0.001**	**0.002**	**0.35**
STD DEV (GEOM *)						**55.947**	**6.4**	**4.4**	**0.3 <A**	**0.006**	**0.002**	**0.021<A**	**0.06**
# SAMPLES (IN STATISTICS)						**17**	**16**	**17**	**16**	**17**	**17**	**17**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 04 15 1615		.3	1	0.018	0.207		0.235	0.430	0.665	82.00	5.00	77.000	118.0
81 06 03 1600		.3	1	0.005	0.020	0.025	0.055	0.520	0.575		3	72	110
81 06 16 1530		.3	1	0.014	0.020	0.035	0.036	0.518	0.554		9	77	116
81 06 22 1330		.3	1	0.027	0.030	0.055	0.061	0.546	0.607		4	78	120
81 06 30 1200		.3	1	0.019	0.010	0.030	0.053	0.476	0.529		4	81	125
81 07 07 1400		.3	1					0.418			2	2	128
81 07 14 1400		.3	1	0.007	0.005<T	0.010	0.086	0.546	0.632		2	86	132
81 07 21 0945		.3	1	0.002	0.005<T	0.005	0.051	0.406	0.457		3	90	138
81 07 28 0900		.3	1	0.001	0.005<T	0.005	0.066	0.460	0.526		2.4	95	146
81 08 06 0930		.3	1	0.053	0.005<T	0.055	0.062	0.416	0.478		1.4	111	170
81 08 11 1330		.3	1	0.012	0.005<T	0.015	0.037	0.530	0.567		2.7	98	150
81 08 18 1430		.3	1	0.014	0.005<T	0.015	0.049	0.420	0.469		1.9	101	155
81 08 25 1230		.3	1	0.054	0.005<T	0.055	0.065	0.514	0.579		8.2	101	155
81 09 06 1430		.3		0.005	0.020	0.025	0.055	0.490	0.545		4	72	110
81 10 01 1100		.3	1	0.003	0.005	0.010	0.038	0.320	0.358			113	175
81 11 04 1240		.3	1	0.005	0.035	0.040	0.046	0.594	0.640		4.4	104	160
81 12 01 1245		.3	1	0.003	0.070	0.075	0.105	0.488	0.593		4.0	95	146
MAXIMUM				**0.054**	**0.207**	**0.075**	**0.235**	**0.594**	**0.665**	**82.00**	**9**	**113**	**175**
ARITH MEAN				**0.015**	**0.028<A**	**0.030**	**0.069**	**0.476**	**0.548**	**82.00**	**3**	**85**	**138**
GEOM MEAN				**0.009**	**0.013<A**	**0.022**	**0.060**	**0.471**	**0.543**		**3**	**71**	**137**
MINIMUM				**0.001**	**0.005**	**0.005**	**0.036**	**0.320**	**0.358**	**82.00**	**1.4**	**2**	**110**
STD DEV (GEOM *)				**0.017**	**0.051<A**	**0.022**	**0.048**	**0.068**	**0.079**		**2**	**25**	**20**
# SAMPLES (IN STATISTICS)				**16**	**16**	**15**	**16**	**17**	**16**	**1**	**16**	**17**	**17**

(CONTD)

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **UPSTREAM FROM SPRUCE FALLS PAPER COMPANY**
STATION TYPE: **RIVER FLOW GAUGE FED 04LF001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-009-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0396000.0 5473400.0 4** REGION: **05** DISTANCE: **300.939**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TURB'ITY FTU	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
TEST-NAME:				*TURB*	*CLIDUR*	*SSO4UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*
81 04 15 1615		.3	1	4.20	0.700	8.000	57.0	7.43	12.5	1.000<	0.430	53.000	15.400
81 06 03 1600		.3	1	2.50	0.50	7.5	51	7.47		1 <T	0.33	53	15.0
81 06 16 1530		.3	1	2.20	0.45	7.5	55	7.54		1 <T	0.37	56	15.4
81 06 22 1330		.3	1	1.50	0.50	7.5	55	7.48		1 <T	0.33	57	16.0
81 06 30 1200		.3	1	2.50	0.55	7.5	60	7.32		1 <T	0.35	61	17.2
81 07 07 1400		.3	1	3.00	0.550	7.0	61	7.55		1 <T	0.26	60	16.6
81 07 14 1400		.3	1	3.00	0.60	7.0	66	7.21		2	0.28	62	17.4
81 07 21 0945		.3	1	2.80	0.70	6.5	66	7.34		1 <T	0.23	67	19.2
81 07 28 0900		.3	1	2.40	0.65	6.5	71	7.17		1 <T	0.33	70	19.8
81 08 06 0930		.3	1	2.60	0.60	7.0	74	7.54		1 <T	0.21	70	19.8
81 08 11 1330		.3	1	3.40	0.60	6.5	72	7.31		1	0.26	72	20.6
81 08 18 1430		.3	1	1.80	0.65	7.0	74	7.31		1	0.30	77	22.2
81 08 25 1230		.3	1	0.68	0.60	7.0	76	7.71		1	0.20	76	22.0
81 09 06 1430		.3		3.10	0.45	7.5	52	7.80		1 <	0.41	54	15.2
81 10 01 1100		.3	1	2.60	0.55	8.0	84	7.45		1 <T	0.56	75	21.0
81 11 04 1240		.3	1	6.20	0.90	9.5	74	7.64		1 <T	0.53	76	22.0
81 12 01 1245		.3	1	3.40	0.85	10.0	68	7.52		1 <T	0.25	72	20.4
MAXIMUM				**6.20**	**0.90**	**10.0**	**84**	**7.80**	**12.5**	**2**	**0.56**	**77**	**22.2**
ARITH MEAN				**2.82**	**0.61**	**7.5**	**65**	**7.46**	**12.5**	**1 <A**	**0.33**	**65**	**18.5**
GEOM MEAN				**2.58**	**0.60**	**7.4**	**65**	**7.46**		**1 <A**	**0.31**	**64**	**18.3**
MINIMUM				**0.68**	**0.45**	**6.5**	**51**	**7.17**	**12.5**	**1**	**0.20**	**53.000**	**15.0**
STD DEV (GEOM *)				**1.18**	**0.12**	**0.9**	**9**	**0.17**		**0 <A**	**0.10**	**8**	**2.6**
# SAMPLES (IN STATISTICS)				**17**	**17**	**17**	**17**	**17**	**1**	**15**	**17**	**17**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
TEST-NAME:				*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 04 15 1615		.3	1	3.550	70.000>	1.05	1.400	28					0.030
81 06 03 1600		.3	1	3.80			1.4	43	0.001<	0.001<	0.003<	0.001<	
81 06 16 1530		.3	1	4.15			1.4	45	0.001<	0.001	0.003<	0.003	
81 06 22 1330		.3	1	4.10			5.4	40	0.001<	0.001	0.003<	0.001	
81 06 30 1200		.3	1	4.45			1.2	35	0.001<	0.001	0.004	0.001	
81 07 07 1400		.3	1	4.50			1.1	34	0.001<	0.025	0.003<	0.001<	
81 07 14 1400		.3	1	4.45			1.2	24	0.001<	0.001	0.003<	0.002	
81 07 21 0945		.3	1	4.75			1.0	40	0.001<	0.003	0.003<	0.002	
81 07 28 0900		.3	1	4.95			1.5	30	0.001<	0.008	0.003<	0.002	
81 08 06 0930		.3	1	4.90			1.5	40	0.001<	0.001<	0.003<	0.001	
81 08 11 1330		.3	1	5.00			1.1	38	0.001<				
81 08 18 1430		.3	1	5.25			1.3	6	0.001<	0.001<	0.003<	0.004	
81 08 25 1230		.3	1	5.15			1.5	42	0.001<	0.001<	0.003<	0.001<	
81 09 06 1430		.3		3.90			1.1	46	0.002	0.001	0.003<	0.002	
81 10 01 1100		.3	1	5.65			1.6	28	0.001<				
81 11 04 1240		.3	1	5.00			1.6	28	0.001<	0.002	0.003<	0.002	
81 12 01 1245		.3	1	5.05			1.4	34	0.001<	0.002	0.005	0.008	
MAXIMUM				**5.65**		**1.05**	**5.4**	**46**	**0.002**	**0.025**	**0.005**	**0.008**	**0.030**
ARITH MEAN				**4.62**		**1.05**	**1.5**	**34**	**0.002**	**0.004**	**0.004**	**0.003**	**0.030**
GEOM MEAN				**4.58**			**1.4**	**32**		**0.002**	**0.004**	**0.002**	
MINIMUM				**3.550**		**1.05**	**1.0**	**6**	**0.002**	**0.001**	**0.004**	**0.001**	**0.030**
STD DEV (GEOM *)				**0.57**			**1.0**	**10**		**0.008**	**0.001**	**0.002**	
# SAMPLES (IN STATISTICS)				**17**		**1**	**17**	**17**	**1**	**10**	**2**	**11**	**1**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
TEST-NAME:				*NIUT*
81 06 03 1600		.3	1	0.002 <
81 06 16 1530		.3	1	0.0040
81 06 22 1330		.3	1	0.0020<
81 06 30 1200		.3	1	0.0030
81 07 07 1400		.3	1	0.0020<
81 07 14 1400		.3	1	0.0005<
81 07 21 0945		.3	1	0.0020
81 07 28 0900		.3	1	0.0010
81 08 06 0930		.3	1	0.0010<
81 08 18 1430		.3	1	0.0010<
81 08 25 1230		.3	1	0.0020<
81 09 06 1430		.3		0.0008
81 11 04 1240		.3	1	0.0010<
81 12 01 1245		.3	1	0.0010
MAXIMUM				**0.0040**
ARITH MEAN				**0.0020**
GEOM MEAN				**0.0016**
MINIMUM				**0.0008**
STD DEV (GEOM *)				**0.0013**
# SAMPLES (IN STATISTICS)				**6**

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **UPSTR.OF ABITIBI PAPER SMOOTH ROCK FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-011-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0453550.0 5458150.0 4** REGION: **05** DISTANCE: **317.837**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 02 10 1800		.3	1	23476		0.0	17.0	1.0	0.020	0.010	0.142	0.750	0.054
81 03 10 1850		.3	1	23477		0.0	14.8	0.5	0.026	0.011	0.042	0.440	0.008
81 04 15 1440		.3	1	23478		0.0	14.1	0.6	0.161	0.095	0.004	0.470	0.004
81 06 03 0830		.3	1	23309	8	8.5	11.80	0.8	0.023	0.003	0.028	0.30	0.007
81 06 09 1100		.3		23321		10.5	10.6	0.2	0.078	0.031	0.008	0.50	0.021
81 06 15 1530		.3	1	23336	8	13.5	10.30	0.4	0.038	0.018	0.004	0.52	0.024
81 06 24 1130		.3	1	23357	8	13.0	10.10	1.0	0.050	0.010	0.002	1.20	0.022
81 07 01 1115		.3	1	23378	8	13.5	10.00	0.4	0.028	0.007	0.002	0.38	0.030
81 07 08 1045		.3	1	23389	8	25.0	8.30	0.6	0.025	0.006	0.006	0.43	0.070
81 07 15 1030		.3	1	23405	8	20.5	7.20	2.2	0.022	0.017	0.106	0.43	0.003
81 07 22 1100		.3	1	23419	8	20.5	6.70	0.6	0.035	0.010	0.006	0.42	0.007
81 08 06 1330		.3	1	23456	8	21.0	7.10	1.2	0.043	0.023	0.006	0.51	0.006
81 08 12 1230		.3	1	23472	8	20.5	5.80	0.4	0.030	0.009	0.022	0.38	0.034
81 08 19 1000		.3	1	23482	8	18.5	6.20	1.2	0.030	0.013	0.092	0.52	0.007
81 08 26 1100		.3	1	23498	8	18.5	6.20	1.2	0.210	0.009	0.002	0.35	0.068
81 10 01 1430		.3	1	23511		8.0	11.00	0.200<T	0.010	0.007	0.016	0.30	0.050
81 11 04 1505		.3	1	23520		4.5	12.00	0.2 <T	0.038	0.005	0.002	0.50	0.002
81 12 01 1540		.3	1	23533		1.5	13.00	2.0	0.032	0.014	0.034	0.48	0.036
MAXIMUM						**25.0**	**17.0**	**2.2**	**0.210**	**0.095**	**0.142**	**1.20**	**0.070**
ARITH MEAN						**14.5**	**10.1**	**0.8 <A**	**0.050**	**0.017**	**0.029**	**0.49**	**0.025**
GEOM MEAN						**12.1**	**9.6**	**0.6 <A**	**0.037**	**0.012**	**0.011**	**0.46**	**0.015**
MINIMUM						**1.5**	**5.80**	**0.2**	**0.010**	**0.003**	**0.002**	**0.30**	**0.002**
STD DEV (GEOM *)						**6.9**	**3.2**	**0.5 <A**	**0.052**	**0.021**	**0.041**	**0.20**	**0.023**
# SAMPLES (IN STATISTICS)						**15**	**18**	**18**	**18**	**18**	**18**	**18**	**18**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 02 10 1800		.3	1	0.156		0.352	0.608	0.960	85.00	2.00	83.000	128.0	1.50
81 03 10 1850		.3	1	0.307		0.357	0.398	0.755	97.00	3.00	94.000	144.0	3.20
81 04 15 1440		.3	1	0.196		0.204	0.466	0.670	59.00	0.30	59.000	90.0	7.30
81 06 03 0830		.3	1	0.110	0.115	0.145	0.272	0.417		5	61	94	1.70
81 06 09 1100		.3		0.080	0.100	0.109	0.492	0.601		5	61	94	2.90
81 06 15 1530		.3	1	0.146	0.170	0.174	0.516	0.690		4	64	98	3.00
81 06 24 1130		.3	1	0.100	0.120	0.124	1.198	1.322		4	65	100	1.70
81 07 01 1115		.3	1	0.080	0.110	0.112	0.378	0.490		3	65	100	2.20
81 07 08 1045		.3	1	0.005	0.070	0.081	0.424	0.505		1 <T	66	102	1.70
81 07 15 1030		.3	1	0.045	0.045	0.154	0.324	0.478		2	68	104	6.50
81 07 22 1100		.3	1	0.085	0.095	0.098	0.414	0.512		3	74	114	2.70
81 08 06 1330		.3	1	0.110	0.115	0.122	0.504	0.626		11.9	86	132	7.30
81 08 12 1230		.3	1	0.005<T	0.035	0.061	0.358	0.419		1.6	75	116	2.10
81 08 19 1000		.3	1	0.005<T	0.010	0.104	0.428	0.532		0.3	81	124	1.16
81 08 26 1100		.3	1	0.005<T	0.070	0.075	0.348	0.423		5.2	81	124	0.54
81 10 01 1430		.3	1	0.015	0.065	0.081	0.284	0.365			85	130	3.30
81 11 04 1505		.3	1	0.170	0.170	0.174	0.498	0.672		4.4	81	124	5.30
81 12 01 1540		.3	1	0.135	0.170	0.205	0.446	0.651		3.4	82	126	2.60
MAXIMUM				**0.307**	**0.170**	**0.357**	**1.198**	**1.322**	**97.00**	**11.9**	**94.000**	**144.0**	**7.30**
ARITH MEAN				**0.097<A**	**0.097**	**0.152**	**0.464**	**0.616**	**80.33**	**3 <A**	**73**	**113**	**3.15**
GEOM MEAN				**0.052<A**	**0.081**	**0.134**	**0.437**	**0.584**	**78.65**	**2 <A**	**73**	**112**	**2.58**
MINIMUM				**0.005**	**0.010**	**0.061**	**0.272**	**0.365**	**59.00**	**0.30**	**59.000**	**90.0**	**0.54**
STD DEV (GEOM *)				**0.081<A**	**0.049**	**0.085**	**0.202**	**0.229**	**19.43**	**2 <A**	**10**	**16**	**2.07**
# SAMPLES (IN STATISTICS)				**18**	**15**	**18**	**18**	**18**	**3**	**17**	**18**	**18**	**18**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ALK TOTAL MG/L AS CACO3	PH	PH FIELD	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
TEST-NAME:				*CLIDUR*	*SSO4UR*	*SIO3UR*	*ALKT*	*PH*	*FWPH*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*
81 02 10 1800		.3	1	1.700	9.500	2.350	53.0	7.15		1.000<	0.230	55.000	15.200
81 03 10 1850		.3	1	3.150	15.500	2.600	51.0	7.17		1.000<	0.440	59.000	17.200
81 04 15 1440		.3	1	1.400	10.500		33.0	7.41	12.4		1.260	39.000	11.200
81 06 03 0830		.3	1	1.15	10.5		38	7.61		1 <T	0.53	44	12.4
81 06 09 1100		.3		1.10	9.5		38	7.77		1 <	0.41	43	12.2
81 06 15 1530		.3	1	1.25	9.5		42	7.47		1	0.36	45	12.8
81 06 24 1130		.3	1	1.25	9.5		41	7.58		1 <T	0.40	45	12.6
81 07 01 1115		.3	1	1.25	9.0		42	7.69		1 <T	0.36	46	12.8
81 07 08 1045		.3	1	1.20	7.5		43	7.66		1 <T	0.25	46	13.0
81 07 15 1030		.3	1	1.20	11.0		44	7.87		1 <T	0.39	50	14.2
81 07 22 1100		.3	1	1.30	11.0		46	7.70		1 <T	0.36	51	14.8
81 08 06 1330		.3	1	1.40	9.5		50	7.48		1 <T	1.04	53	15.2
81 08 12 1230		.3	1	1.20	8.5		51	7.73		1 <T	0.16	52	15.0
81 08 19 1000		.3	1	1.30	9.5		54	7.60		1 <T	0.40	58	16.8
81 08 26 1100		.3	1	1.30	8.5		54	7.31		1	0.14	56	15.8
81 10 01 1430		.3	1	1.25	12.0		56	7.69		1 <T	0.56	58	17.0
81 11 04 1505		.3	1	1.80	18.5		44	7.73		1 <T	0.72	57	16.6
81 12 01 1540		.3	1	6.95	15.5		41	7.63		1 <T	0.50	52	15.2
MAXIMUM				**6.95**	**18.5**	**2.600**	**56**	**7.87**	**12.4**	**1**	**1.260**	**59.000**	**17.200**
ARITH MEAN				**1.73**	**10.8**	**2.475**	**45**	**7.57**	**12.4**	**1 <A**	**0.47**	**50**	**14.4**
GEOM MEAN				**1.50**	**10.5**	**2.472**	**45**	**7.57**		**1 <A**	**0.40**	**50**	**14.3**
MINIMUM				**1.10**	**7.5**	**2.350**	**33.0**	**7.15**	**12.4**	**1**	**0.14**	**39.000**	**11.200**
STD DEV (GEOM *)				**1.38**	**2.8**	**0.177**	**6**	**0.20**		**0 <A**	**0.28**	**6**	**1.8**
# SAMPLES (IN STATISTICS)				**18**	**18**	**2**	**18**	**18**	**1**	**14**	**18**	**18**	**18**

(CONTD)

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **UPSTR.OF ABITIBI PAPER SMOOTH ROCK FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-011-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0453550.0 5458150.0 4** REGION: **05** DISTANCE: **317.837**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	ARSENIC UNF.TOT. MG/L AS AS	COPPER UNF.TOT. MG/L AS CU	LEAD UNF.TOT. MG/L AS PB	ZINC UNF.TOT. MG/L AS ZN	MANGANSE UNF.TOT. MG/L AS MN
	TEST-NAME:			*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*ASUT*	*CUUT*	*PBUT*	*ZNUT*	*MNUT*
81 02 10 1800		.3	1	4.150	35.000	0.70	2.100	16					0.014
81 03 10 1850		.3	1	3.850	49.000	0.85	2.700	34					0.036
81 04 15 1440		.3	1	2.650	70.000<	0.75	1.500	30					0.062
81 06 03 0830		.3	1	3.10			1.4	51	0.001<	0.004	0.010	0.015	
81 06 09 1100		.3		3.05			1.4	35	0.001<	0.002	0.036	0.011	
81 06 15 1530		.3	1	3.20			1.8	37	0.001<	0.007	0.003<	0.009	
81 06 24 1130		.3	1	3.25			1.5	49	0.001<	0.055	0.020	0.008	
81 07 01 1115		.3	1	3.30			1.6	25	0.001<	0.073	0.047	0.009	
81 07 08 1045		.3	1	3.35			1.6	45	0.001<	0.003	0.003<	0.005	
81 07 15 1030		.3	1	3.45			1.2	28	0.001	0.046	0.007	0.009	
81 07 22 1100		.3	1	3.50			1.4	28	0.001<	0.041	0.013	0.016	
81 08 06 1330		.3	1	3.55			1.7	32	0.001<	0.003	0.005	0.004	
81 08 12 1230		.3	1	3.60			0.550	31	0.001	0.003	0.003	0.004	
81 08 19 1000		.3	1	3.80			1.7	26	0.001<	0.003	0.003<	0.004	
81 08 26 1100		.3	1	3.90			1.9	28	0.001	0.096	0.003<	0.001	
81 10 01 1430		.3	1	3.80			1.8	24	0.001<				
81 11 04 1505		.3	1	3.70			1.9	26	0.001<	0.009	0.006	0.034	
81 12 01 1540		.3	1	3.40			5.4	399	0.001<	0.003	0.003<	0.016	
	MAXIMUM			**4.150**	**49.000**	**0.85**	**5.4**	**399**	**0.001**	**0.096**	**0.047**	**0.034**	**0.062**
	ARITH MEAN			**3.47**	**42.000**	**0.77**	**1.8**	**52**	**0.001**	**0.025**	**0.016**	**0.010**	**0.037**
	GEOM MEAN			**3.45**	**41.413**	**0.76**	**1.6**	**36**	**0.001**	**0.010**	**0.011**	**0.008**	**0.031**
	MINIMUM			**2.650**	**35.000**	**0.70**	**0.550**	**16**	**0.001**	**0.002**	**0.003**	**0.001**	**0.014**
	STD DEV (GEOM *)			**0.36**	**9.899**	**0.08**	**0.9**	**87**	**0.000**	**0.032**	**0.015**	**0.008**	**0.024**
	# SAMPLES (IN STATISTICS)			**18**	**2**	**3**	**18**	**18**	**3**	**14**	**9**	**14**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*NIUT*
81 06 03 0830		.3	1	0.002
81 06 09 1100		.3		0.001
81 06 15 1530		.3	1	0.0090
81 06 24 1130		.3	1	0.0020<
81 07 01 1115		.3	1	0.0020<
81 07 08 1045		.3	1	0.0020<
81 07 15 1030		.3	1	0.0020<
81 07 22 1100		.3	1	0.0020
81 08 06 1330		.3	1	0.0010<
81 08 12 1230		.3	1	0.0010
81 08 19 1000		.3	1	0.0010
81 08 26 1100		.3	1	0.0020<
81 11 04 1505		.3	1	0.0020
81 12 01 1540		.3	1	0.003
	MAXIMUM			**0.0090**
	ARITH MEAN			**0.002**
	GEOM MEAN			**0.002**
	MINIMUM			**0.001**
	STD DEV (GEOM *)			**0.002**
	# SAMPLES (IN STATISTICS)			**8**

B.O.W./ SITE: **GROUNDHOG RIVER**
SAMPLE POINT: **HIGHWAY 11 BRIDGE IN FAUQUIER**
STATION TYPE: **RIVER FLOW GAUGE FED 04LD001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-016-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0424250.0 5462600.0 4** REGION: **05** DISTANCE: **300.134**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	STREAM FLOW M3 /S	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWFLOW*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*
81 02 10 1730		.3	1	23500		57.000	0.0	16.0	0.4	0.008	0.008	0.044	0.560
81 03 10 1810		.3	1	23501		55.500	0.0	15.8	0.4	0.008	0.002	0.004	0.340
81 06 03 1440		.3	1	23311	8	210.000	9.0	11.70		0.022	0.001	0.038	0.52
81 06 09 1145		.3		23322		176.000	10.0	11.2		0.046	0.001<	0.024	0.48
81 06 15 1600		.3	1	23337	8	194.000	15.0	10.60		0.018	0.003	0.010	0.38
81 06 24 1050		.3	1	23356	8	142.000	13.0	10.50		0.001	0.002	0.022	0.12
81 07 01 1030		.3	1	23377	8	145.000	13.7	10.40		0.022	0.001	0.002<T	0.55
81 07 08 0930		.3	1	23388	8	109.000	23.5	8.60		0.022	0.003	0.020	0.40
81 07 15 0945		.3	1	23404	8	77.000	21.0	8.80		0.035	0.010	0.062	0.48
81 07 22 1000		.3	1	23418	8	47.300	18.5	8.90		0.030	0.003	0.002	0.40
81 08 06 1230		.3	1	23455	8	29.000	23.0	8.20		0.019	0.001<T	0.006	0.74
81 08 12 1145		.3	1	23466	8	25.900	20.0	8.50		0.015	0.003	0.042	0.58
81 08 17 0915		.3	1	23481	8	24.300	18.0	9.40		0.025	0.005	0.068	0.52
81 08 26 1000		.3	1	23497	8	28.600	18.0	9.20		0.042	0.001<T	0.002	0.40
81 10 01 1430		.3	1	23512		19.700	7.0	11.40		0.005	0.002	0.008	0.30
81 11 04 1415		.3	1	23519		93.400	3.5	13.80		0.025	0.001<T	0.010	0.50
81 12 01 1505		.3	1	23534		56.000	1.5	13.60		0.018	0.001	0.012	0.42
	MAXIMUM					**210.000**	**23.5**	**16.0**	**0.4**	**0.046**	**0.010**	**0.068**	**0.74**
	ARITH MEAN					**87.629**	**14.3**	**10.9**	**0.4**	**0.021**	**0.003<A**	**0.022<A**	**0.45**
	GEOM MEAN					**66.598**	**11.8**	**10.7**	**0.4**	**0.016**	**0.002<A**	**0.013<A**	**0.42**
	MINIMUM					**19.700**	**1.5**	**8.20**	**0.4**	**0.001**	**0.001**	**0.002**	**0.12**
	STD DEV (GEOM *)					**63.691**	**6.9**	**2.4**	**0.0**	**0.012**	**0.003<A**	**0.021<A**	**0.13**
	# SAMPLES (IN STATISTICS)					**17**	**15**	**17**	**2**	**17**	**16**	**17**	**17**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURBITY FTU
81 02 10 1730		.3	1	0.008	0.132	0.184	0.516	0.700	88.00	2.00	86.000	132.0	0.68
81 03 10 1810		.3	1	0.002	0.223	0.229	0.336	0.565	93.00	2.00	91.000	140.0	1.50
81 06 03 1440		.3	1				0.482			6		104	2.60
81 06 09 1145		.3					0.456			6		104	2.40
81 06 15 1600		.3	1				0.370			7		106	2.40
81 06 24 1050		.3	1				0.098			7		78	0.45
81 07 01 1030		.3	1				0.548			7		112	1.50
81 07 08 0930		.3	1				0.380			3		128	2.00
81 07 15 0945		.3	1				0.418			6		120	4.70
81 07 22 1000		.3	1				0.398			10		126	3.30
81 08 06 1230		.3	1				0.734			3.7		160	2.50
81 08 12 1145		.3	1				0.538			4.0		134	2.80
81 08 17 0915		.3	1				0.452			2.3		136	1.54
81 08 26 1000		.3	1				0.398			6.0		155	1.02
81 10 01 1430		.3	1				0.292					155	2.50
81 11 04 1415		.3	1				0.490			4.7		137	1.95
81 12 01 1505		.3	1				0.408			1.8		134	2.00
MAXIMUM				**0.008**	**0.223**	**0.229**	**0.734**	**0.700**	**93.00**	**10**	**91.000**	**160**	**4.70**
ARITH MEAN				**0.005**	**0.177**	**0.206**	**0.430**	**0.632**	**90.50**	**4**	**88.500**	**127**	**2.11**
GEOM MEAN				**0.004**	**0.172**	**0.205**	**0.403**	**0.629**	**90.47**	**4**	**88.465**	**125**	**1.85**
MINIMUM				**0.002**	**0.132**	**0.184**	**0.098**	**0.565**	**88.00**	**1.8**	**86.000**	**78**	**0.45**
STD DEV (GEOM *)				**0.004**	**0.064**	**0.032**	**0.132**	**0.095**	**3.54**	**2**	**3.536**	**21**	**1.01**
# SAMPLES (IN STATISTICS)				**2**	**2**	**2**	**17**	**2**	**2**	**16**	**2**	**17**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA
81 02 10 1730		.3	1	0.700	8.000	2.950		48.0	7.24	1.000<	0.160	61.000	17.000
81 03 10 1810		.3	1	0.700	8.000	3.300	1.620	62.0	7.41	1.000<	0.200	64.000	18.400
81 06 03 1440		.3	1	1.60				46		1 <T	0.37	49	14.0
81 06 09 1145		.3		0.50				47		1 <	0.42	50	14.2
81 06 15 1600		.3	1	0.45				49		1 <T	0.37	49	14.0
81 06 24 1050		.3	1	4.55				56		1 <T	0.43	51	14.4
81 07 01 1030		.3	1	0.90				52		1 <T	0.38	54	15.4
81 07 08 0930		.3	1	0.55				55		1 <T	0.29	56	15.8
81 07 15 0945		.3	1	0.55				44		1 <T	0.29	58	16.6
81 07 22 1000		.3	1					59		1 <T	0.40	59	17.0
81 08 06 1230		.3	1	0.80				67		1 <T	0.19	65	19.0
81 08 12 1145		.3	1	0.75				64		1 <T	0.24	64	18.6
81 08 17 0915		.3	1	0.50				65		1 <T	0.16	64	18.6
81 08 26 1000		.3	1	0.50				71		1 <T	0.17	69	19.8
81 10 01 1430		.3	1	0.55				76		1 <T	0.35	76	22.0
81 11 04 1415		.3	1	0.75				58		1 <T	0.29	59	17.0
81 12 01 1505		.3	1	1.00				62		1 <T	0.20	64	18.6
MAXIMUM				**4.55**	**8.000**	**3.300**	**1.620**	**76**	**7.41**	**1**	**0.43**	**76**	**22.0**
ARITH MEAN				**0.96**	**8.000**	**3.125**	**1.620**	**57**	**7.32**	**1 <A**	**0.28**	**59**	**17.0**
GEOM MEAN				**0.76**	**8.000**	**3.120**		**57**	**7.32**	**1 <A**	**0.27**	**59**	**16.9**
MINIMUM				**0.45**	**8.000**	**2.950**	**1.620**	**44**	**7.24**	**1**	**0.160**	**49**	**14.0**
STD DEV (GEOM *)				**0.99**	**0.000**	**0.247**		**9**	**0.12**	**0 <A**	**0.09**	**7**	**2.2**
# SAMPLES (IN STATISTICS)				**18**	**2**	**2**	**1**	**17**	**2**	**14**	**17**	**17**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	ASUT ARSENIC UNF.TOT. MG/L AS AS	ALUT ALUMINUM UNF.TOT. MG/L AS AL	CUUT COPPER UNF.TOT. MG/L AS CU	PBUT LEAD UNF.TOT. MG/L AS PB	ZNUT ZINC UNF.TOT. MG/L AS ZN
81 02 10 1730		.3	1	4.550	43.000	0.50	1.500	10<	0.001<	0.072	0.002	0.002<	0.002<
81 03 10 1810		.3	1	4.300	60.000	0.55	1.400		0.001<	0.110	0.001<	0.003<	0.002
81 06 03 1440		.3	1	3.40					0.001<		0.001<	0.004	0.001
81 06 09 1145		.3		3.50					0.001<		0.001	0.027	0.002
81 06 15 1600		.3	1	3.45					0.001<		0.002	0.003<	0.004
81 06 24 1050		.3	1	3.70					0.001<		0.001	0.003<	0.001<
81 07 01 1030		.3	1	3.85					0.001<		0.002	0.004	0.002
81 07 08 0930		.3	1	4.00					0.001<		0.002	0.003<	0.001<
81 07 15 0945		.3	1	3.95					0.001<		0.001<	0.003<	0.001<
81 07 22 1000		.3	1	4.05					0.001<		0.002	0.003<	0.001<W
81 08 06 1230		.3	1	4.35					0.001<		0.001<	0.003<	0.002
81 08 12 1145		.3	1	4.35					0.001<		0.002	0.003	0.003
81 08 17 0915		.3	1	4.45					0.001<		0.002	0.003<	0.001<
81 08 26 1000		.3	1	4.90					0.001<		0.038	0.003<	0.001<
81 10 01 1430		.3	1	5.15					0.001<		0.002	0.003<	0.001<
81 11 04 1415		.3	1	4.05					0.001<		0.002	0.003<	0.001
81 12 01 1505		.3	1	4.30					0.001<		0.002	0.005	0.004
MAXIMUM				**5.15**	**60.000**	**0.55**	**1.500**			**0.110**	**0.038**	**0.027**	**0.004**
ARITH MEAN				**4.13**	**51.500**	**0.52**	**1.450**			**0.091**	**0.005**	**0.009**	**0.002<A**
GEOM MEAN				**4.10**	**50.794**	**0.52**	**1.449**			**0.089**	**0.002**	**0.006**	**0.002<A**
MINIMUM				**3.40**	**43.000**	**0.50**	**1.400**			**0.072**	**0.001**	**0.003**	**0.001**
STD DEV (GEOM *)				**0.48**	**12.021**	**0.04**	**0.071**			**0.027**	**0.010**	**0.010**	**0.001<A**
# SAMPLES (IN STATISTICS)				**17**	**2**	**2**	**2**			**2**	**13**	**5**	**10**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI
81 02 10 1730		.3	1	0.014	0.003 <
81 03 10 1810		.3	1	0.016	0.002 <
81 06 03 1440		.3	1		0.002
81 06 09 1145		.3			0.001
81 06 15 1600		.3	1		0.0030
81 06 24 1050		.3	1		0.0020<
81 07 01 1030		.3	1		0.0020<
81 07 08 0930		.3	1		0.0030
81 07 15 0945		.3	1		0.0020<
81 07 22 1000		.3	1		0.0010
81 08 06 1230		.3	1		0.0010<
81 08 12 1145		.3	1		0.0010<
81 08 17 0915		.3	1		0.0010

(CONTD)

B.O.W./ SITE: **GROUNDHOG RIVER**
SAMPLE POINT: **HIGHWAY 11 BRIDGE IN FAUQUIER**
STATION TYPE: **RIVER FLOW GAUGE FED 04LD001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-016-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M.: **17 0424250.0 5462600.0 4** REGION: **05** DISTANCE: **300.134**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
	TEST-NAME:			*MNUT*	*NIUT*
81 08 26 1000		.3	1		0.0020<
81 10 01 1430		.3	1		0.0020<
81 11 04 1415		.3	1		0.0010<
81 12 01 1505		.3	1		0.0010<
	MAXIMUM			**0.016**	**0.0030**
	ARITH MEAN			**0.015**	**0.001**
	GEOM MEAN			**0.015**	**0.001**
	MINIMUM			**0.014**	**0.001**
	STD DEV (GEOM *)			**0.001**	**0.001**
	# SAMPLES (IN STATISTICS)			**2**	**6**

B.O.W./ SITE: **ABITIBI RIVER**
SAMPLE POINT: **AT HIGHWAY NO 574**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-023-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M.: **17 0510000.0 5433800.0 4** REGION: **05** DISTANCE: **283.720**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 02 12 1430		.3	1	23450		0.0	11.8	2.6	0.175	0.035	0.026	0.600	0.029
81 03 11 1020		.3	1	23451		0.0	14.4	1.6	0.102	0.028	0.026	0.620	0.022
81 04 15 1400		.3	1	23452		1.0	13.2	1.6	0.072	0.017	0.010	0.580	0.017
81 06 02 1530		.3	1	23307	8	5.0	11.20	1.8	0.053	0.010	0.004	0.30	0.016
81 06 11 1400		.3		23318		6.3	10.2	0.2	0.102	0.010	0.012	0.68	0.017
81 06 15 1330		.3	1	23334	8	10.5	8.40	1.2	0.048	0.012	0.016	0.52	0.011
81 06 22 1345		.3	1	23350	8	9.8	8.20	1.6	0.045	0.013	0.022	0.50	0.009
81 06 29 1400		.3	1	23371		12.00	7.80	1.0	0.058	0.018	0.010	0.48	0.013
81 07 06 1530		.3	1	23382	8	15.5	6.60	1.6	0.058	0.014	0.050	0.32	0.009
81 07 13 1445		.3	1	23398	8	18.0	5.60	0.2	0.055	0.013	0.038	0.50	0.025
81 07 20 1400		.3	1	23412	8	20.5	5.30	1.2	0.065	0.019	0.040	0.50	0.012
81 07 27 1330		.3	1	23428	8	18.0	6.30	1.0	0.070	0.020	0.024	0.40	0.015
81 08 05 1330		.3	1	23449	8	19.0	4.60	1.4	0.070	0.022	0.008	0.50	0.014
81 08 10 1530		.3	1	23460	8	20.0	4.20	1.8	0.110	0.044	0.012	0.55	0.059
81 08 17 1330		.3	1	23475	8	18.0	5.20	1.0	0.070	0.023	0.026	0.55	0.022
81 08 24 1330		.3	1	23491	8	18.0	4.10	1.6	0.068	0.029	0.006	0.35	0.013
81 10 02 1100		.3	1	23510		8.0	7.40	0.200<T	0.045	0.028	0.034	0.32	0.015
81 11 05 1035		.3	1	23521		5.0	8.50	5.6	0.060	0.018	0.010	0.50	0.014
81 12 02 1055		.3	1	23532		4.0	12.70	3.0	0.092	0.022	0.020	0.50	0.028
	MAXIMUM					**20.5**	**14.4**	**5.6**	**0.175**	**0.044**	**0.050**	**0.68**	**0.059**
	ARITH MEAN					**12.2**	**8.1**	**1.5** <A	**0.075**	**0.021**	**0.021**	**0.48**	**0.019**
	GEOM MEAN					**9.8**	**7.6**	**1.1** <A	**0.070**	**0.019**	**0.017**	**0.47**	**0.017**
	MINIMUM					**1.0**	**4.10**	**0.2**	**0.045**	**0.010**	**0.004**	**0.30**	**0.009**
	STD DEV (GEOM *)					**6.5**	**3.2**	**1.2** <A	**0.031**	**0.009**	**0.013**	**0.10**	**0.011**
	# SAMPLES (IN STATISTICS)					**17**	**19**	**19**	**19**	**19**	**19**	**19**	**19**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 02 12 1430		.3	1	0.126		0.181	0.574	0.755	129.00	15.00	114.000	175.0	50.00
81 03 11 1020		.3	1	0.203		0.251	0.594	0.845	102.00	12.00	90.000	138.0	45.00
81 04 15 1400		.3	1	0.193		0.220	0.570	0.790	113.00	38.00	75.000	116.0	42.00
81 06 02 1530		.3	1	0.125	0.140	0.145	0.296	0.441		18	76	118	
81 06 11 1400		.3		0.060	0.075	0.089	0.668	0.757		18	69	106	
81 06 15 1330		.3	1	0.170	0.080	0.197	0.504	0.701		14	81	102	
81 06 22 1345		.3	1	0.070	0.080	0.101	0.478	0.579		12	70	108	
81 06 29 1400		.3	1	0.095	0.110	0.118	0.470	0.588		20	66	102	
81 07 06 1530		.3	1	0.070	0.080	0.129	0.270	0.399		18	72	106	
81 07 13 1445		.3	1	0.110	0.135	0.173	0.462	0.635		15	69	106	
81 07 20 1400		.3	1	0.075	0.085	0.127	0.460	0.587		20	68	104	
81 07 27 1330		.3	1	0.100	0.115	0.139	0.376	0.515		15.6	64	98	
81 08 05 1330		.3	1	0.090	0.105	0.112	0.492	0.604		16.0	81	124	
81 08 10 1530		.3	1	0.020	0.080	0.091	0.538	0.629		14.8	75	116	
81 08 17 1330		.3	1	0.065	0.085	0.113	0.524	0.637		15.2	73	112	
81 08 24 1330		.3	1	0.090	0.105	0.109	0.344	0.453		13.3	77	118	
81 10 02 1100		.3	1	0.045	0.060	0.094	0.286	0.380			81	124	
81 11 05 1035		.3	1	0.005<T	0.015	0.029	0.490	0.519		13.6	87	134	
81 12 02 1055		.3	1	0.005<W	0.030	0.053	0.480	0.533		24.8	86	132	
	MAXIMUM			**0.203**	**0.140**	**0.251**	**0.668**	**0.845**	**129.00**	**38.00**	**114.000**	**175.0**	**50.00**
	ARITH MEAN			**0.090**<A	**0.086**	**0.130**	**0.467**	**0.597**	**114.67**	**17**	**77**	**117**	**45.67**
	GEOM MEAN			**0.065**<A	**0.077**	**0.118**	**0.454**	**0.583**	**114.14**	**16**	**76**	**116**	**45.55**
	MINIMUM			**0.005**	**0.015**	**0.029**	**0.270**	**0.380**	**102.00**	**12.00**	**64**	**98**	**42.00**
	STD DEV (GEOM *)			**0.056**<A	**0.033**	**0.055**	**0.109**	**0.132**	**13.58**	**6**	**11**	**18**	**4.04**
	# SAMPLES (IN STATISTICS)			**19**	**16**	**19**	**19**	**19**	**3**	**18**	**19**	**19**	**3**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 02 12 1430		.3	1	1.600	14.500	3.000	7.410	52.0	7.01		1.000	4.600	59.000
81 03 11 1020		.3	1	1.900	14.500	3.100	2.860	53.0	7.07		1.000<	4.200	62.000
81 04 15 1400		.3	1	1.350	9.000			58.0	7.35	11.5	1.000<	3.200	51.000
81 06 02 1530		.3	1		11.0			48	7.58				
81 06 11 1400		.3			10.5			44	7.30				
81 06 15 1330		.3	1		10.5			44	7.12				
81 06 22 1345		.3	1		11.0			45	7.32				
81 06 29 1400		.3	1		10.0			42	7.28				
81 07 06 1530		.3	1		10.5			44	7.25				
81 07 13 1445		.3	1		10.5			54	7.23				
81 07 20 1400		.3	1		11.5			44	7.15				
81 07 27 1330		.3	1		10.5			44	7.20				
81 08 05 1330		.3	1		12.5			45	7.18				
81 08 10 1530		.3	1		12.5			45	7.06				
81 08 17 1330		.3	1		12.0			45	7.23				
81 08 24 1330		.3	1		12.5			47	7.62				
81 10 02 1100		.3	1		13.0			50	7.20				
81 11 05 1035		.3	1		16.0			53	6.95				
81 12 02 1055		.3	1		16.5			52	7.45				
MAXIMUM				1.900	16.5	3.100	7.410	58.0	7.62	11.5	1.000	4.600	62.000
ARITH MEAN				1.617	12.0	3.050	5.135	47	7.24	11.5	1.000	4.000	57.333
GEOM MEAN				1.601	11.8	3.050	4.604	47	7.24			3.954	57.140
MINIMUM				1.350	9.000	3.000	2.860	42	6.95	11.5	1.000	3.200	51.000
STD DEV (GEOM *)				0.275	2.0	0.071	3.217	4	0.18			0.721	5.686
# SAMPLES (IN STATISTICS)				3	19	2	2	19	19	1	1	3	3

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 02 12 1430		.3	1	16.400	4.500	70.000<	2.45	15.000	38	0.074
81 03 11 1020		.3	1	17.300	4.600	70.000<	2.15	3.400		0.086
81 04 15 1400		.3	1	14.800	3.400	70.000<	1.55	2.500	36	0.084
81 06 02 1530		.3	1	15.0				2.7	58	
81 06 11 1400		.3		13.6				2.6	0.54	
81 06 15 1330		.3	1	13.4				2.5	56	
81 06 22 1345		.3	1	13.8				7.2	36	
81 06 29 1400		.3	1	13.0				2.5	37	
81 07 06 1530		.3	1	14				3.1	39	
81 07 13 1445		.3	1	12.8				2.7	30	
81 07 20 1400		.3	1	13.6				3.1	42	
81 07 27 1330		.3	1	13.6				2.6	26	
81 08 05 1330		.3	1	14.2				3.1	43	
81 08 10 1530		.3	1	14.4				3.4	48	
81 08 17 1330		.3	1	14.0				3.3	27	
81 08 24 1330		.3	1	15.0				3.5	242	
81 10 02 1100		.3	1	15.6				3.4	28	
81 11 05 1035		.3	1	16.6				4.7	10	
81 12 02 1055		.3	1	16.2				3.6	34	
MAXIMUM				17.300	4.600		2.45	15.000	242	0.086
ARITH MEAN				14	4.167		2.05	3.9	46	0.081
GEOM MEAN				14	4.129		2.01	3.4	30	0.081
MINIMUM				12.8	3.400		1.55	2.500	0.54	*0.074
STD DEV (GEOM *)				1	0.666		0.46	2.8	50	0.006
# SAMPLES (IN STATISTICS)				19	3		3	19	18	3

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **AT FRED FLATT RD.DNSTR.FROM KAPUSKASING**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-024-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0404200.0 5491600.0 4** REGION: **05** DISTANCE: **278.087**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
81 02 10 1145		.3	1	23550		0.0	13.4	41.0	0.040	0.005	0.002<	0.900	0.019
81 03 10 1130		.3	1	23551		0.0	13.0	18.0	0.072	0.003	0.006	1.060	0.007
81 04 15 1520		.3	1	23552		0.0	11.8	0.4	0.028	0.001	0.010	0.440	0.010
81 06 04 0900		.3	1	23314	8	10.0	10.20	5.4	0.040	0.001<T	0.006	0.50	0.005
81 06 10 1030		.3	1	23325	8	10.0	9.80	4.0	0.034	0.002	0.002<T	0.65	0.006
81 06 16 1030		.3	1	23338	8	13.5	8.60	3.0	0.025	0.001<T	0.024	0.50	0.005
81 06 22 1145		.3	1	23352	8	13.0	8.30	3.6	0.018	0.001<T	0.002<T	0.58	0.003
81 06 30 1000		.3	1	23373	8	12.00	7.80	2.0	0.048	0.002	0.002	0.58	0.003
81 07 07 1000		.3	1	23384	8	17.5	6.40	5.6	0.048	0.002	0.110	0.88	0.006
81 07 14 1000		.3	1	23400	8	22.0	2.80	0.8	0.032	0.008	0.004	0.55	0.004
81 07 21 1400		.3	1	23416	8	20.0	1.90	4.4	0.035		0.040	0.70	0.002
81 07 28 1100		.3		23432		19.0	0.07	8.6	0.022	0.001<	0.078	0.55	0.002
81 08 06 1000		.3	1	23453	8	21.5	0.10	4.8	0.045	0.003	0.100	0.80	0.005
81 08 10 1000		.3	1	23462	8	21.0	0.40	3.8	0.058	0.008	0.088	0.90	0.005
81 08 18 1000		.3	1	23477	8	18.0	0.30	7.8	0.055	0.002	0.130	0.95	0.005
81 08 25 1000		.3	1	23493	8	19.5	0.30	12.4	0.105	0.002	0.030	0.80	0.009
81 10 01 1245		.3	1	23515		7.0	0.30	30	0.060	0.002	0.002<T	1.00	0.006
81 11 04 1320		.3	1	23518		3.5	12.40	3.2	0.028	0.001	0.004	0.65	0.006
81 12 01 1410		.3	1	23537		1.5	11.60	2.6	0.052	0.001	0.004	0.85	0.007
MAXIMUM						22.0	13.4	41.0	0.105	0.008	0.130	1.060	0.019
ARITH MEAN						14.3	6.2	8	0.044	0.003<A	0.036<A	0.72	0.006
GEOM MEAN						11.9	2.5	4	0.041	0.002<A	0.013<A	0.70	0.005
MINIMUM						1.5	0.07	0.4	0.018	0.001	0.002	0.440	0.002
STD DEV (GEOM *)						6.5	5.1	10	0.020	0.002<A	0.044<A	0.19	0.004
# SAMPLES (IN STATISTICS)						16	19	19	19	17	18	19	19

(CONTD)

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **AT FRED FLATT RD.DNSTR.FROM KAPUSKASING**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-024-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0404200.0 5491600.0 4** REGION: **05** DISTANCE: **278.087**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C	TURB TURB'ITY FTU
81 02 10 1145		.3	1	0.061		0.082	0.898	0.980	150.00	10.00	140.000	215.0	3.70
81 03 10 1130		.3	1	0.018		0.031	1.054	1.085	152.00	12.00	140.000	215.0	5.60
81 04 15 1520		.3	1	0.195		0.215	0.430	0.645	84.00	10.00	74.000	114.0	3.70
81 06 04 0900		.3	1	0.005	0.010	0.016	0.494	0.510		1 <W	75	116	
81 06 10 1030		.3	1	0.005	0.010	0.013	0.648	0.661		8	78	126	
81 06 16 1030		.3	1	0.015	0.020	0.044	0.476	0.520		3	81	124	
81 06 22 1145		.3	1	0.005<T	0.005	0.010	0.578	0.588		5	82	126	
81 06 30 1000		.3	1	0.005<T	0.005	0.010	0.578	0.588		8	85	130	
81 07 07 1000		.3	1	0.005<T	0.005	0.121	0.770	0.891		7	91	140	
81 07 14 1000		.3	1	0.005	0.005	0.013	0.546	0.559		4	94	144	
81 07 21 1400		.3	1	0.005<T	0.005	0.047	0.660	0.707		7	101	155	
81 07 28 1100		.3		0.010	0.010	0.090	0.472	0.562		6.9	114	175	
81 08 06 1000		.3	1	0.005<T	0.005	0.110	0.700	0.810		7.4	133	205	
81 08 10 1000		.3	1	0.005	0.010	0.098	0.812	0.910		4.8	120	185	
81 08 18 1000		.3	1	0.005	0.010	0.140	0.820	0.960		3.4	124	190	
81 08 25 1000		.3	1	0.005<T	0.010	0.044	0.770	0.814		7.8	130	200	
81 10 01 1245		.3	1	0.020	0.025	0.028	0.998	1.026			143	220	
81 11 04 1320		.3	1	0.020	0.025	0.030	0.646	0.676		14.3	111	170	
81 12 01 1410		.3	1	0.015	0.020	0.026	0.846	0.872		10.5	104	160	
MAXIMUM				**0.195**	**0.025**	**0.215**	**1.054**	**1.085**	**152.00**	**14.3**	**143**	**220**	**5.60**
ARITH MEAN				**0.022<A**	**0.011**	**0.061**	**0.695**	**0.756**	**128.67**	**7 <A**	**106**	**163**	**4.33**
GEOM MEAN				**0.010<A**	**0.009**	**0.041**	**0.672**	**0.735**	**124.19**	**6 <A**	**103**	**159**	**4.25**
MINIMUM				**0.005**	**0.005**	**0.010**	**0.430**	**0.510**	**84.00**	**1**	**74.000**	**114.0**	**3.70**
STD DEV (GEOM *)				**0.044<A**	**0.007**	**0.055**	**0.181**	**0.185**	**38.70**	**3 <A**	**24**	**36**	**1.10**
# SAMPLES (IN STATISTICS)				**19**	**16**	**19**	**19**	**19**	**3**	**18**	**19**	**19**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE	HARDT HARDNESS TOTAL MG/L AS CACO3
81 02 10 1145		.3	1	4.600	22.500	2.550	5.890	72.0	6.45		5.000	0.350	101.000
81 03 10 1130		.3	1	3.450	21.500	2.700	4.690	85.0	6.83		5.000	0.530	101.000
81 04 15 1520		.3	1	0.700	7.000			51.0	7.37	12.7		0.410	52.000
81 06 04 0900		.3	1		8.5			51	7.33				
81 06 10 1030		.3	1		10.0			54	7.25				
81 06 16 1030		.3	1		9.5			57	7.36				
81 06 22 1145		.3	1		9.0			55	7.08				
81 06 30 1000		.3	1		9.0			59	7.28				
81 07 07 1000		.3	1		10.0			64	7.02				
81 07 14 1000		.3	1		9.5			65	7.01				
81 07 21 1400		.3	1		11.0			68	6.94				
81 07 28 1100		.3			12.5			71	6.83				
81 08 06 1000		.3	1		17.5			76	7.09				
81 08 10 1000		.3	1*		15.0			77	6.96				
81 08 18 1000		.3	1		17.5			78	6.86				
81 08 25 1000		.3	1		19.0			80	6.93				
81 10 01 1245		.3	1		23.5			89	6.60				
81 11 04 1320		.3	1		18.5			69	6.89				
81 12 01 1410		.3	1		19.0			59	7.59				
MAXIMUM				**4.600**	**23.5**	**2.700**	**5.890**	**89**	**7.59**	**12.7**	**5.000**	**0.530**	**101.000**
ARITH MEAN				**2.917**	**14.2**	**2.625**	**5.290**	**67**	**7.04**	**12.7**	**5.000**	**0.430**	**84.667**
GEOM MEAN				**2.231**	**13.2**	**2.624**	**5.256**	**66**	**7.03**		**5.000**	**0.424**	**80.950**
MINIMUM				**0.700**	**7.000**	**2.550**	**4.690**	**51.0**	**6.45**	**12.7**	**5.000**	**0.350**	**52.000**
STD DEV (GEOM *)				**2.004**	**5.4**	**0.106**	**0.849**	**11**	**0.28**		**0.000**	**0.092**	**28.290**
# SAMPLES (IN STATISTICS)				**3**	**19**	**2**	**2**	**19**	**19**	**1**	**2**	**3**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 02 10 1145		.3	1	28.000	7.500	770.000	1.60	4.000	270	0.104
81 03 10 1130		.3	1	28.000	7.500	770.000	1.65	3.100		0.092
81 04 15 1520		.3	1	15.000	3.500	70.000>	0.95	1.100	26	0.030
81 06 04 0900		.3	1	15.8				1.5	60	
81 06 10 1030		.3	1	16.6				1.4	72	
81 06 16 1030		.3	1	16.4				2.1	72	
81 06 22 1145		.3	1	17.0				6.6	85	
81 06 30 1000		.3	1	18.2				1.3	59	
81 07 07 1000		.3	1	20.8				1.6	92	
81 07 14 1000		.3	1	19.0				1.7	62	
81 07 21 1400		.3	1	21.8				1.6	84	
81 07 28 1100		.3		23.0				2.2	108	
81 08 06 1000		.3	1	22.0				2.4	124	
81 08 10 1000		.3	1	22.8				2.3	121	
81 08 18 1000		.3	1	27.0				2.5	121	
81 08 25 1000		.3	1	26.2				3.2	202	
81 10 01 1245		.3	1	28.0				3.9	264	
81 11 04 1320		.3	1	24.0				2.3	138	
81 12 01 1410		.3	1	22.0				2.2	164	
MAXIMUM				**28.000**	**7.500**	**770.000**	**1.65**	**6.6**	**270**	**0.104**
ARITH MEAN				**21.6**	**6.167**	**770.000**	**1.40**	**2.4**	**118**	**0.075**
GEOM MEAN				**21.2**	**5.817**	**770.000**	**1.36**	**2.2**	**101**	**0.066**
MINIMUM				**15.000**	**3.500**	**770.000**	**0.95**	**1.100**	**26**	**0.030**
STD DEV (GEOM *)				**4.4**	**2.309**	**0.000**	**0.39**	**1.2**	**68**	**0.040**
# SAMPLES (IN STATISTICS)				**19**	**3**	**2**	**3**	**19**	**18**	**3**

B.O.W./ SITE: **ABITIBI RIVER**
SAMPLE POINT: **36MI.DNSTR.ABITIBI IROQUOIS FALLS MILL**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-030-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0503250.0 5448000.0 4** REGION: **05** DISTANCE: **266.500**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 04 1530		.3	1	23308	8	10.0	11.00	0.2	0.060	0.013	0.044	0.70	0.019
81 06 08 1500		.3		23319		6.5	9.7	0.2	0.075	0.007	0.004	0.52	0.016
81 06 15 1400		.3	1	23335	8	13.5	9.20	1.0	0.072	0.015	0.004	0.72	0.013
81 06 22 1430		.3	1	23351	8	11.0	9.40	1.2	0.050	0.016	0.006	0.65	0.010
81 06 29 1430		.3	1	23372	8	12.0	7.80	0.8	0.062	0.019	0.004	0.60	0.009
81 07 06 1615		.3	1	23383	8	16.5	6.50	1.4	0.058	0.004	0.002	0.72	0.100
81 07 13 1545		.3	1	23399	8	18.0	6.30	0.4	0.098	0.027	0.006	0.62	0.013
81 07 20 1500		.3	1	23413	8	19.5	6.60	1.2	0.090	0.024	0.030	0.55	0.024
81 07 27 1400		.3	1	23429	8	18.5	6.80	1.0	0.070	0.030	0.034	0.42	0.015
81 08 05 1430		.3	1	23450	8	19.0	7.80	1.8	0.070	0.025	0.012	0.48	0.016
81 08 10 1600		.3	1	23461	8	20.0	5.90	1.8	0.068	0.030	0.006	0.50	0.021
81 08 17 1400		.3	1	23476	8	19.0	6.40	1.0	0.045	0.024	0.010	0.68	0.015
MAXIMUM						**20.0**	**11.00**	**1.8**	**0.098**	**0.030**	**0.044**	**0.72**	**0.100**
ARITH MEAN						**15.3**	**7.7**	**1.0**	**0.068**	**0.019**	**0.013**	**0.60**	**0.023**
GEOM MEAN						**14.5**	**7.6**	**0.8**	**0.067**	**0.017**	**0.009**	**0.59**	**0.018**
MINIMUM						**6.5**	**5.90**	**0.2**	**0.045**	**0.004**	**0.002**	**0.42**	**0.009**
STD DEV (GEOM *)						**4.5**	**1.6**	**0.5**	**0.015**	**0.009**	**0.014**	**0.10**	**0.025**
# SAMPLES (IN STATISTICS)						**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*
81 06 04 1530		.3	1	0.070	0.090	0.133	0.656	0.789	26	92	142	8.5	66
81 06 08 1500		.3		0.105	0.120	0.125	0.516	0.641	19	69	106	10.5	44
81 06 15 1400		.3	1	0.070	0.085	0.087	0.716	0.803	21	90	138	8.5	67
81 06 22 1430		.3	1	0.120	0.130	0.136	0.644	0.780	15	100	155	9.5	50
81 06 29 1430		.3	1	0.115	0.125	0.128	0.596	0.724	20	96	148	9.0	68
81 07 06 1615		.3	1	0.065	0.165	0.167	0.718	0.885	11	87	142	7.0	63
81 07 13 1545		.3	1	0.125	0.140	0.144	0.614	0.758	48	81	124	10.0	65
81 07 20 1500		.3	1	0.100	0.125	0.154	0.520	0.674	50	75	116	11.0	49
81 07 27 1400		.3	1	0.105	0.120	0.154	0.386	0.540	19.0	78	120	10.0	50
81 08 05 1430		.3	1	0.070	0.085	0.098	0.468	0.566	18.0	92	142	13.0	54
81 08 10 1600		.3	1	0.095	0.115	0.122	0.494	0.616	15.0	77	118	12.0	47
81 08 17 1400		.3	1	0.190	0.205	0.215	0.670	0.885	19.2	85	130	11.0	54
MAXIMUM				**0.190**	**0.205**	**0.215**	**0.718**	**0.885**	**50**	**100**	**155**	**13.0**	**68**
ARITH MEAN				**0.102**	**0.125**	**0.139**	**0.583**	**0.722**	**23**	**85**	**132**	**10.0**	**56**
GEOM MEAN				**0.098**	**0.122**	**0.135**	**0.574**	**0.713**	**21**	**85**	**131**	**9.9**	**56**
MINIMUM				**0.065**	**0.085**	**0.087**	**0.386**	**0.540**	**11**	**69**	**108**	**7.0**	**44**
STD DEV (GEOM *)				**0.036**	**0.034**	**0.033**	**0.105**	**0.115**	**12**	**9**	**15**	**1.7**	**9**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*PH*	*CAUR*	*NAUR*	*COD*
81 06 04 1530		.3	1	7.68	19.0	2.5	66
81 06 08 1500		.3		7.33	13.6	2.6	44
81 06 15 1400		.3	1	7.50	19.4	2.6	56
81 06 22 1430		.3	1	7.60	21.6	7.8	47
81 06 29 1430		.3	1	7.46	19.8	2.6	33
81 07 06 1615		.3	1	7.43	19.4	1.3	45
81 07 13 1545		.3	1	7.28	15.4	2.9	36
81 07 20 1500		.3	1	7.24	15.2	2.6	36
81 07 27 1400		.3	1	7.36	14.8	2.9	36
81 08 05 1430		.3	1	7.34	16.0	3.9	43
81 08 10 1600		.3	1	7.03	14.6	3.3	56
81 08 17 1400		.3	1	7.59	16.4	3.4	21
MAXIMUM				**7.68**	**21.6**	**7.8**	**66**
ARITH MEAN				**7.40**	**17.1**	**3.2**	**43**
GEOM MEAN				**7.40**	**16.9**	**2.9**	**42**
MINIMUM				**7.03**	**13.6**	**1.3**	**21**
STD DEV (GEOM *)				**0.18**	**2.6**	**1.6**	**12**
# SAMPLES (IN STATISTICS)				**12**	**12**	**12**	**12**

B.O.W./ SITE: **ABITIBI RIVER**
SAMPLE POINT: **UPSTR.OF ABITIBI MILL DISCHARGE**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-031-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M.: **17 0524425.0 5400800.0 4** REGION: **05** DISTANCE: **373.840**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 02 1345		.3	1	23306	8	5.0	12.40	0.6	0.048	0.018	0.028	0.32	0.019
81 06 08 1230		.3		23317		6.0	11.1	0.2<	0.051	0.016	0.018	0.48	0.018
81 06 15 1230		.3	1	23333	8	10.5	9.80	0.4	0.045	0.016	0.006	0.48	0.008
81 06 22 1200		.3	1	23349	8	9.5	10.10	0.8	0.040	0.022	0.008	0.45	0.011
81 06 29 1240		.3	1	23370		10.0	9.40	0.4	0.052	0.019	0.006	0.42	0.010
81 07 06 1400		.3	1	23381	8	14.0	8.60	0.4	0.045	0.018	0.020	0.35	0.009
81 07 13 1315		.3	1	23397	8	18.5	7.40	0.2	0.052	0.023	0.014	0.45	0.014
81 07 20 1200		.3	1	23411	8	20.0	7.40	0.6	0.055	0.031	0.030	0.40	0.018
81 07 27 1145		.3	1	23427	8	18.0	7.70	0.6	0.058	0.030	0.010	0.38	0.017
81 08 05 1145		.3	1	23448	8	18.5	7.50	0.8	0.065	0.035	0.010	0.40	0.023
81 08 10 1345		.3	1	23459	8	20.0	7.40	0.8	0.062	0.032	0.006	0.40	0.014
81 08 17 1130		.3	1	23474	8	18.0	7.70	0.6	0.070	0.030	0.012	0.45	0.015
81 08 24 1145		.3	1	23490	8	17.0	7.10	0.8	0.072	0.033	0.008	0.25	0.013
MAXIMUM						**20.0**	**12.40**	**0.8**	**0.072**	**0.035**	**0.030**	**0.48**	**0.023**
ARITH MEAN						**14.2**	**8.7**	**0.6**	**0.055**	**0.025**	**0.014**	**0.40**	**0.015**
GEOM MEAN						**13.0**	**8.6**	**0.5**	**0.054**	**0.024**	**0.012**	**0.40**	**0.014**
MINIMUM						**5.0**	**7.10**	**0.2**	**0.040**	**0.016**	**0.006**	**0.25**	**0.008**
STD DEV (GEOM *)						5.4	1.6	**0.2**	**0.010**	**0.007**	**0.008**	**0.07**	**0.004**
# SAMPLES (IN STATISTICS)						**13**	**13**	**12**	**13**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*
81 06 02 1345		.3	1	0.185	0.205	0.232	0.292	0.524	6	71	106	9.5	47
81 06 08 1230		.3		0.160	0.180	0.196	0.462	0.658	8	64	98	8.5	42
81 06 15 1230		.3	1	0.180	0.190	0.194	0.474	0.668	6	89	98	8.5	44
81 06 22 1200		.3	1	0.190	0.200	0.209	0.442	0.651	6	65	100	8.5	44
81 06 29 1240		.3	1	0.210	0.220	0.226	0.414	0.640	8	62	96	8.0	43
81 07 06 1400		.3	1	0.185	0.195	0.214	0.330	0.544	6	64	98	8.0	43
81 07 13 1315		.3	1	0.190	0.205	0.218	0.436	0.654	7	64	98	8.5	44
81 07 20 1200		.3	1	0.165	0.185	0.213	0.370	0.583	5	65	100	9.0	43
81 07 27 1145		.3	1	0.190	0.205	0.217	0.370	0.587	7.7	64	96	9.0	42
81 08 05 1145		.3	1	0.165	0.190	0.198	0.390	0.588	6.7	74	114	10.0	44
81 08 10 1345		.3	1	0.175	0.190	0.195	0.394	0.589	4.2	68	105	9.0	45
81 08 17 1130		.3	1	0.190	0.005<W	0.217	0.438	0.655	10.3	70	108	9.0	47
81 08 24 1145		.3	1	0.180	0.195	0.201	0.242	0.443	3.8	72	110	10.0	46
MAXIMUM				**0.210**	**0.220**	**0.232**	**0.474**	**0.668**	**10.3**	**89**	**114**	**10.0**	**47**
ARITH MEAN				**0.182**	**0.182<A**	**0.209**	**0.385**	**0.594**	**6**	**69**	**102**	**8.9**	**44**
GEOM MEAN				**0.181**	**0.148<A**	**0.209**	**0.378**	**0.590**	**6**	**68**	**102**	**8.9**	**44**
MINIMUM				**0.160**	**0.005**	**0.194**	**0.242**	**0.443**	**3.8**	**62**	**96**	**8.0**	**42**
STD DEV (GEOM *)				**0.013**	**0.054<A**	**0.013**	**0.070**	**0.067**	1	7	6	0.7	2
# SAMPLES (IN STATISTICS)				**13**	**13**	**12**	**12**	**12**	**13**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*PH*	*CAUR*	*NAUR*	*COD*
81 06 02 1345		.3	1	7.61	14.4	1.8	43
81 06 08 1230		.3		7.92	12.6		21
81 06 15 1230		.3	1	7.29	13.2	1.6	37
81 06 22 1200		.3	1	7.49	13.2	7.7	31
81 06 29 1240		.3	1	7.52	13.0	1.5	31
81 07 06 1400		.3	1	7.77	13.2	2.1	29
81 07 13 1315		.3	1	7.60	12.2	1.7	22
81 07 20 1200		.3	1	7.64	13.2	2.0	34
81 07 27 1145		.3	1	7.64	13.0	1.8	38
81 08 05 1145		.3	1	7.74	13.8	2.2	32
81 08 10 1345		.3	1	7.67	14.0	2.1	31
81 08 17 1130		.3	1	7.68	14.8	2.4	27
81 08 24 1145		.3	1	7.73	14.4	2.4	16
MAXIMUM				**7.92**	**14.8**	**7.7**	**43**
ARITH MEAN				**7.64**	**13.5**	**2.4**	**30**
GEOM MEAN				**7.64**	**13.4**	**2.2**	**29**
MINIMUM				**7.29**	**12.2**	**1.5**	**16**
STD DEV (GEOM *)				**0.15**	**0.8**	1.7	7
# SAMPLES (IN STATISTICS)				**13**	**13**	**12**	**13**

B.O.W./ SITE: **ABITIBI RIVER**
SAMPLE POINT: **UPSTR.FROM ABITIBI IROQUOIS FALLS DAM**
STATION TYPE: **RIVER FLOW GAUGE FED 04MC001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-032-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0524050.0 5400300.0 4** REGION: **05** DISTANCE: **373.519**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: SAMPLE NUMBER	FWSTRC STREAM COND.	FWFLOW STREAM FLOW M3 /S	FWTEMP WATER TEMP DEG.C	DO DISOLVED OXYGEN MG/L AS O	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PPO4FR PO4 FIL.REAC MG/L AS P	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
81 02 12 1350		.3	1	23426		159.000	0.0	15.2	1.0	0.115	0.055	0.014	0.400
81 03 11 1120		.3	1	23427		213.000	1.0	14.0	0.8	0.118	0.073	0.064	0.460
81 04 15 1300		.3	1	23428		301.000	0.0	13.0	0.6	0.070	0.022	0.010	0.490
81 06 02 1300		.3	1	23305	8	170.000	4.5	12.10	0.6	0.070	0.016	0.028	0.48
81 06 08 1200		.3		23316		190.000	6.0	11.1	0.2	0.058	0.000	0.032	0.48
81 06 15 1130		.3	1	23332	8	177.000	11.5	9.50	0.2	0.045	0.017	0.018	0.50
81 06 22 1145		.3	1	23348	8	167.000	10.0	9.40	0.6	0.038	0.021	0.008	0.48
81 06 29 1230		.3	1	23369	8	172.000	11.0	9.40	0.4	0.065	0.017	0.006	0.55
81 07 08 1400		.3	1	23380	8	186.000	18.0	8.80	0.6	0.020		0.006	0.28
81 07 13 1300		.3	1	23396	8	182.000	18.5	7.70	0.2	0.048	0.018	0.014	0.38
81 07 20 1200		.3	1	23410	8	183.000	21.0	7.60	0.6	0.060	0.032	0.032	0.40
81 07 27 1130		.3	1	23426	8	200.000	18.0	7.90	0.6	0.058	0.032	0.010	0.35
81 08 05 1130		.3	1	23447	8	159.000	19.0	7.80	1.0	0.065	0.032	0.008	0.40
81 08 10 1330		.3	1	23458	8	193.000	20.0	7.60	1.2	0.065	0.033	0.004	0.50
81 08 17 1145		.3	1	23473	8	162.000	18.0	7.60	0.8	0.058	0.027	0.010	0.42
81 08 24 1130		.3	1	23489	8	164.000	17.0	7.20	1.0	0.052	0.032	0.006	0.28
	MAXIMUM					**301.000**	**21.0**	**15.2**	**1.2**	**0.118**	**0.073**	**0.064**	**0.55**
	ARITH MEAN					**186.125**	**13.8**	**9.7**	**0.6**	**0.063**	**0.030**	**0.017**	**0.42**
	GEOM MEAN					**183.763**	**11.2**	**9.4**	**0.6**	**0.058**	**0.028**	**0.013**	**0.42**
	MINIMUM					**159.000**	**1.0**	**7.20**	**0.2**	**0.020**	**0.016**	**0.004**	**0.28**
	STD DEV (GEOM *)					**34.304**	**6.5**	**2.5**	**0.3**	**0.025**	**0.016**	**0.016**	**0.07**
	# SAMPLES (IN STATISTICS)					**16**	**14**	**16**	**16**	**16**	**14**	**16**	**16**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNTIFR INORG N TOTAL FIL.REAC MG/L	NNKUR KJELDAHL ORGANIC UNF.REAC MG/L	NNKI TOTAL N MG/L AS N	RST RESIDUE TOTAL MG/L	RSP RESIDUE PARTIC. MG/L	RSF RESIDUE FILTERED MG/L	COND25 CONDUCT. 25C UMHO/CM AT 25 C
81 02 12 1350		.3	1	0.028	0.145		0.187	0.386	0.573	81.00	3.00	78.000	120.0
81 03 11 1120		.3	1	0.022	0.308		0.394	0.396	0.790	87.00	2.00	85.000	130.0
81 04 15 1300		.3	1	0.019	0.211		0.240	0.480	0.720	99.00	27.00	72.000	110.0
81 06 02 1300		.3	1	0.017	0.185	0.200	0.230	0.452	0.682		5	70	108
81 06 08 1200		.3		0.015	0.160	0.175	0.207	0.448	0.655		8	62	96
81 06 15 1130		.3	1	0.009	0.170	0.180	0.197	0.482	0.679		7	85	102
81 06 22 1145		.3	1	0.010	0.195	0.205	0.213	0.472	0.685		9	6	100
81 06 29 1230		.3	1	0.010	0.210	0.220	0.226	0.544	0.770		8	64	98
81 07 08 1400		.3	1	0.009	0.195	0.205	0.210	0.274	0.484		3	78	120
81 07 13 1300		.3	1	0.013	0.175	0.190	0.202	0.366	0.568		9	64	98
81 07 20 1200		.3	1	0.018	0.165	0.185	0.215	0.368	0.583		6	66	102
81 07 27 1130		.3	1	0.018	0.190	0.210	0.218	0.340	0.558		8.1	62	
81 08 05 1130		.3	1	0.020	0.190	0.210	0.218	0.392	0.610		8.1	74	114
81 08 10 1330		.3	1	0.015	0.180	0.195	0.199	0.496	0.695		5.9	68	105
81 08 17 1145		.3	1	0.013	0.165	0.180	0.188	0.410	0.598		4.7	72	110
81 08 24 1130		.3	1	0.013	0.175	0.190	0.194	0.274	0.468		5.2	69	106
	MAXIMUM			**0.028**	**0.308**	**0.220**	**0.394**	**0.544**	**0.790**	**99.00**	**27.00**	**85.000**	**130.0**
	ARITH MEAN			**0.016**	**0.189**	**0.196**	**0.221**	**0.411**	**0.632**	**89.00**	**7**	**67**	**107**
	GEOM MEAN			**0.015**	**0.186**	**0.195**	**0.218**	**0.404**	**0.626**	**88.69**	**6**	**60**	**107**
	MINIMUM			**0.009**	**0.145**	**0.175**	**0.187**	**0.274**	**0.468**	**81.00**	**2.00**	**6**	**96**
	STD DEV (GEOM *)			**0.005**	**0.036**	**0.014**	**0.048**	**0.077**	**0.093**	**9.17**	**5**	**17**	**9**
	# SAMPLES (IN STATISTICS)			**16**	**16**	**13**	**16**	**16**	**16**	**3**	**16**	**16**	**15**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: TURB TURB'ITY FTU	CLIDUR CHLORIDE UNF.REAC MG/L AS CL	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	SIO3UR SILICATE UNF.REAC MG/L AS SI	ACDT ACIDITY TOTAL MG/L AS CACO3	ALKT ALK TOTAL MG/L AS CACO3	PH PH	FWPH PH FIELD	PHNOL PHENOLS UNF-REAC UG/L PHENOL	FEUT IRON UNF.TOT. MG/L AS FE
81 02 12 1350		.3	1	49.00	1.500	11.500	2.950	1.100	51.0	7.18		1.000	4.300
81 03 11 1120		.3	1	46.00	1.700	11.500	3.000	2.550	55.0	7.28		1.000<	3.800
81 04 15 1300		.3	1	45.00	1.300	8.500			51.0	7.59	10.6	1.000<	3.200
81 06 02 1300		.3	1			8.5			46	7.67			
81 06 08 1200		.3				8.5			43	7.88			
81 06 15 1130		.3	1			9.0			46	7.67			
81 06 22 1145		.3	1			8.5			44	7.70			
81 06 29 1230		.3	1			8.0			43	7.58			
81 07 08 1400		.3	1			7.5			56	7.83			
81 07 13 1300		.3	1			8.0			41	7.64			
81 07 20 1200		.3	1			9.0			44	7.72			
81 07 27 1130		.3	1			9.5			43	7.67			
81 08 05 1130		.3	1			11.0			45	7.97			
81 08 10 1330		.3	1			9.0			45	7.72			
81 08 17 1145		.3	1			9.0			47	7.80			
81 08 24 1130		.3	1			10.0			46	7.31			
	MAXIMUM			**49.00**	**1.700**	**11.500**	**3.000**	**2.550**	**56**	**7.97**	**10.6**	**1.000**	**4.300**
	ARITH MEAN			**46.67**	**1.500**	**9.1**	**2.975**	**1.825**	**46**	**7.64**	**10.6**	**1.000**	**3.767**
	GEOM MEAN			**46.64**	**1.491**	**9.1**	**2.975**	**1.675**	**46**	**7.64**			**3.739**
	MINIMUM			**45.00**	**1.300**	**7.5**	**2.950**	**1.100**	**41**	**7.18**	**10.6**	**1.000**	**3.200**
	STD DEV (GEOM *)			**2.08**	**0.200**	**1.2**	**0.035**	**1.025**	**4**	**0.22**			**0.551**
	# SAMPLES (IN STATISTICS)			**3**	**3**	**16**	**2**	**2**	**16**	**16**	**1**	**1**	**3**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	TEST-NAME: HARDT HARDNESS TOTAL MG/L AS CACO3	CAUR CALCIUM UNF.REAC MG/L AS CA	MGUR MAGNESIM FIL.REAC MG/L AS MG	COLAP COLOUR APPARENT HZU	KKUR POTASSIM UNF.REAC MG/L AS K	NAUR SODIUM UNF.REAC MG/L AS NA	COD CHEM. OX DEMAND MG/L AS O	MNUT MANGANSE UNF.TOT. MG/L AS MN
81 02 12 1350		.3	1	57.000	15.200	4.700	70.000<	2.70	2.900	24	0.072
81 03 11 1120		.3	1	61.000	16.800	4.600	70.000<	2.35	2.600		0.080
81 04 15 1300		.3	1	50.000	14.400	3.450	70.000<	1.80	2.100	8	0.088
81 06 02 1300		.3	1		14.6				1.7	45	
81 06 08 1200		.3			13.2				1.6	0.27	
81 06 15 1130		.3	1		13.4				1.8	33	
81 06 22 1145		.3	1		13.2				1.5	38	
81 06 29 1230		.3	1		13.0				1.5	23	
81 07 08 1400		.3	1		3.0				2.1	39	
81 07 13 1300		.3	1		13.0				2.1	24	
81 07 20 1200		.3	1		13.0				2.0	26	

(CONTD)

B.O.W./ SITE: **ABITIBI RIVER**
SAMPLE POINT: **UPSTR.FROM ABITIBI IROQUOIS FALLS DAM**
STATION TYPE: **RIVER FLOW GAUGE FED 04MC001**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-032-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M.: **17 0524050.0 5400300.0 4** REGION: **05** DISTANCE: **373.519**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	HARDNESS TOTAL MG/L AS CACO3 (HARDT)	CALCIUM UNF.REAC MG/L AS CA (CAUR)	MAGNESIM FIL.REAC MG/L AS MG (MGUR)	COLOUR APPARENT HZU (COLAP)	POTASSIM UNF.REAC MG/L AS K (KKUR)	SODIUM UNF.REAC MG/L AS NA (NAUR)	CHEM. OX DEMAND MG/L AS O (COD)	MANGANSE UNF.TOT. MG/L AS MN (MNUT)
81 07 27 1130		.3	1		13.8				1.9	32	
81 08 05 1130		.3	1		14.4				2.3	30	
81 08 10 1330		.3	1		14.0				2.1	46	
81 08 17 1145		.3	1		15.0				2.4	19	
81 08 24 1130		.3	1		14.4				2.4	20	
	MAXIMUM			61.000	16.800	4.700		2.70	7.5	46	0.088
	ARITH MEAN			56.000	13.4	4.250		2.28	2.4	27	0.080
	GEOM MEAN			55.812	12.7	4.209		2.25	2.2	19	0.080
	MINIMUM			50.000	3.0	3.450		1.80	1.5	0.27	0.072
	STD DEV (GEOM *)			5.568	2.9	0.695		0.45	1.3	12	0.008
	# SAMPLES (IN STATISTICS)			3	16	3		3	16	15	3

B.O.W./ SITE: **MATTAGAMI RIVER**
SAMPLE POINT: **12MI.DOWNSTREAM FROM SMOOTH ROCK FALLS**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-033-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M.: **17 0452600.0 5477350.0 4** REGION: **05** DISTANCE: **297.399**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER (SAMPLE)	STREAM COND. (FWSTRC)	WATER TEMP DEG.C (FWTEMP)	DISOLVED OXYGEN MG/L AS O (DO)	BOD 5 DAY TOT.DEM. MG/L AS O (BOD5)	PHOSPHOR UNF.TOT. MG/L AS P (PPUT)	PO4 FIL.REAC MG/L AS P (PPO4FR)	NH3-N TOTAL FIL.REAC MG/L AS N (NNHTFR)	K'DAHL N TOTAL FIL.TOT. MG/L AS N (NNTKUR)	NO2-N FIL.REAC MG/L AS N (NNO2FR)
81 06 03 1030		.3	1	23310	8	8.5	11.60	0.6	0.026	0.003	0.020	0.32	0.008
81 06 09 1000		.3		23320		10.5	10.1	0.2<	0.066	0.055	0.036	0.50	0.009
81 06 17 1200		.3	1	23342	8	13.0	10.20	1.0	0.028	0.007	0.006	0.40	0.011
81 06 24 1300		.3	1	23358	8	13.0	9.90	1.0	0.050	0.010	0.024	1.15	0.012
81 07 01 1230		.3	1	23379	8	13.50	10.20	0.4	0.040	0.007	0.010	0.42	0.028
81 07 08 1215		.3	1	23390	8	21.0	7.90	0.6	0.065	0.003	0.004	0.42	0.036
81 07 15 1230		.3	1	23406	8	21.0	5.30	1.8	0.037	0.017	0.064	0.45	0.006
81 07 22 1215		.3	1	23420	8	20.5	5.20	0.8	0.035	0.012	0.006	0.45	0.058
81 07 29 1130		.3		23436		19.5	5.6						
81 08 06 1600		.3	1	23457		22.5	5.20	1.4	0.029	0.011	0.050	0.46	0.002
81 08 19 1100		.3	1	23483	8	19.0	3.50	2.2	0.030	0.008	0.030	0.45	0.003
81 08 26 1230		.3	1	23499	8	18.5	5.00	2.2	0.040	0.008	0.026	0.35	0.003
	MAXIMUM					**22.5**	**11.60**	**2.2**	**0.066**	**0.055**	**0.064**	**1.15**	**0.058**
	ARITH MEAN					**16.7**	**7.4**	**1.2**	**0.041**	**0.013**	**0.025**	**0.49**	**0.016**
	GEOM MEAN					**16.0**	**6.9**	**1.0**	**0.039**	**0.009**	**0.018**	**0.46**	**0.010**
	MINIMUM					**8.5**	**3.50**	**0.4**	**0.026**	**0.003**	**0.004**	**0.32**	**0.002**
	STD DEV (GEOM *)					**4.7**	**2.7**	**0.7**	**0.014**	**0.015**	**0.019**	**0.23**	**0.018**
	# SAMPLES (IN STATISTICS)					**12**	**12**	**10**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N (NNO3FR)	NO2+NO3N FIL.REAC MG/L AS N (NNOTFR)	INORG N TOTAL FIL.REAC MG/L (NNTIFR)	KJELDAHL ORGANIC UNF.REAC MG/L (NNKUR)	TOTAL N MG/L AS N (NNKI)	RESIDUE PARTIC. MG/L (RSP)	RESIDUE FILTERED MG/L (RSF)	CONDUCT. 25C UMHO/CM AT 25 C (COND25)	SULPHATE UNF.REAC MG/L AS SO4 (SSO4UR)	ALK TOTAL MG/L AS CACO3 (ALKT)
81 06 03 1030		.3	1	0.100	0.110	0.128	0.300	0.428	5	65	100	11.5	41
81 06 09 1000		.3		0.045	0.015	0.090	0.464	0.554	5	68	104	11.0	37
81 06 17 1200		.3	1	0.065	0.075	0.082	0.394	0.476	7	70	106	10.5	41
81 06 24 1300		.3	1	0.045	0.055	0.081	1.126	1.207	6	72	110	11.0	42
81 07 01 1230		.3	1	0.055	0.085	0.093	0.410	0.503	5	70	108	10.5	41
81 07 08 1215		.3	1	0.075	0.110	0.115	0.416	0.531	3	74	114	9.5	44
81 07 15 1230		.3	1	0.010	0.015	0.080	0.386	0.466	5	78	120	12.5	20
81 07 22 1215		.3	1	0.005	0.065	0.069	0.444	0.513	3	86	132	16.0	49
81 08 06 1600		.3	1	0.005<T	0.005	0.057	0.410	0.467	1.9	104	160	12.5	49
81 08 19 1100		.3	1	0.005<T	0.005<T	0.038	0.420	0.458	3.1	104	160	16.0	65
81 08 26 1230		.3	1	0.005<T	0.005	0.034	0.324	0.358	5.4	111	170	16.0	49
	MAXIMUM			**0.100**	**0.110**	**0.128**	**1.126**	**1.207**	**7**	**111**	**170**	**16.0**	**65**
	ARITH MEAN			**0.038<A**	**0.050<A**	**0.083**	**0.467**	**0.550**	**4**	**82**	**126**	**12.5**	**43**
	GEOM MEAN			**0.021<A**	**0.028<A**	**0.078**	**0.434**	**0.520**	**4**	**81**	**124**	**12.3**	**42**
	MINIMUM			**0.005**	**0.005**	**0.034**	**0.300**	**0.358**	**1.9**	**65**	**100**	**9.5**	**20**
	STD DEV (GEOM *)			**0.034<A**	**0.042<A**	**0.027**	**0.237**	**0.237**	**1**	**17**	**26**	**2.4**	**11**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**10**	**10**	**10**	**11**	**11**	**11**	**11**	**11**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH (PH)	CALCIUM UNF.REAC MG/L AS CA (CAUR)	SODIUM UNF.REAC MG/L AS NA (NAUR)	CHEM. OX DEMAND MG/L AS O (COD)
81 06 03 1030		.3	1	7.65	12.8	3.4	51
81 06 09 1000		.3		7.54	12.6	3.1	46
81 06 17 1200		.3	1	7.49	12.8	3.2	41
81 06 24 1300		.3	1	7.56	12.6	1.3	45
81 07 01 1230		.3	1	7.52	4.0	3.1	37
81 07 08 1215		.3	1	7.59	13.4	3.2	38
81 07 15 1230		.3	1	7.43	14.6	4.4	36
81 07 22 1215		.3	1	7.53	15.6	4.7	20
81 08 06 1600		.3	1	7.32	15.6	5.8	41
81 08 19 1100		.3	1	7.60	17.2	10.4	34
81 08 26 1230		.3	1	7.26	16.6	8.9	36
	MAXIMUM			**7.65**	**17.2**	**10.4**	**51**
	ARITH MEAN			**7.50**	**13.4**	**4.7**	**39**
	GEOM MEAN			**7.50**	**12.7**	**4.1**	**38**
	MINIMUM			**7.26**	**4.0**	**1.3**	**20**
	STD DEV (GEOM *)			**0.12**	**3.6**	**2.7**	**8**
	# SAMPLES (IN STATISTICS)			**11**	**11**	**11**	**11**

B.O.W./ SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **AT SPRUCE FALLS MILL INTAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRANAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-034-02**
STORET CODE: **04 001 0230**

LAT: LONG: U T M: **17 0396450.0 5473800.0 4** REGION: **05** DISTANCE: **300.617**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
TEST-NAME:				*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 02 10 1350		.3	1	23526		0.0	16.8	0.8	0.010	0.002	0.058	0.600	0.005
81 03 10 1250		.3	1	23527		0.0	15.8	0.4	0.019	0.012	0.014	0.420	0.003
81 06 03 1530		.3	1	23312	8	9.5	10.80	0.6	0.021	0.001	0.042	0.51	0.005
81 06 16 1500		.3	1	23340	8	13.0	9.20	0.4	0.032	0.002	0.018	0.62	0.046
81 06 23 1400		.3	1	23355	8	13.0	8.60	0.6	0.015	0.003	0.004	0.55	0.038
81 06 30 1140		.3	1	23375	8	13.5	8.20	0.6	0.022	0.004	0.004	0.52	0.048
81 07 07 1300		.3	1	23386	8	18.0	7.20	0.6	0.028	0.003	0.054	0.49	0.017
81 07 14 1315		.3	1	23402	8	22.5	3.60	0.4	0.040	0.023	0.070	0.50	0.006
81 07 21 0930		.3	1	23414	8	20.5	3.90	0.8	0.022	0.003	0.050	0.45	0.002
81 07 27 0830		.3	1	23430	8	18.5	1.70	0.8	0.025	0.009	0.042	0.48	0.002
81 08 05 0930		.3	1	23451	8	20.0	3.70	1.0	0.025	0.005	0.004	0.52	
81 08 11 1300		.3	1	23464	8	20.0	1.90	1.4	0.030	0.005	0.034	0.52	0.024
81 08 18 1400		.3	1	23479	8	19.0	0.40	1.6	0.018	0.009	0.098	0.58	0.014
81 08 25 1200		.3	1	23495	8	18.5	0.30	1.8	0.018	0.014	0.086	0.38	0.015
81 09 06 1345		.3		23323		11.0	10.4	0.2 <	0.034	0.001	0.016	0.52	0.007
81 10 01 1130		.3	1	23513		6.0	6.00	0.900	0.005	0.005	0.030	0.32	0.002
81 11 04 1150		.3	1	23516		4.0	12.80	0.6	0.022	0.002	0.010	0.55	0.005
81 12 01 1225		.3	1	23535		1.5	13.60	1.8	0.020	0.005	0.028	0.50	0.003
	MAXIMUM					**22.5**	**16.8**	**1.8**	**0.040**	**0.023**	**0.098**	**0.62**	**0.048**
	ARITH MEAN					**14.3**	**7.4**	**0.8**	**0.023**	**0.006**	**0.037**	**0.50**	**0.014**
	GEOM MEAN					**12.0**	**4.9**	**0.7**	**0.021**	**0.004**	**0.025**	**0.49**	**0.008**
	MINIMUM					**1.5**	**0.30**	**0.4**	**0.005**	**0.001**	**0.004**	**0.32**	**0.002**
	STD DEV (GEOM *)					**6.4**	**5.1**	**0.4**	**0.008**	**0.006**	**0.028**	**0.07**	**0.016**
	# SAMPLES (IN STATISTICS)					**16**	**18**	**17**	**18**	**18**	**18**	**18**	**17**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE TOTAL MG/L	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	TURB'ITY FTU
TEST-NAME:				*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RST*	*RSP*	*RSF*	*COND25*	*TURB*
81 02 10 1350		.3	1	0.155		0.218	0.542	0.760	112.00	1.00	111.000	170.0	0.58
81 03 10 1250		.3	1	0.272		0.289	0.406	0.695	114.00	3.00	111.000	170.0	2.20
81 06 03 1530		.3	1	0.020	0.025	0.067	0.468	0.535		1	72	110	
81 06 16 1500		.3	1	0.045	0.090	0.109	0.602	0.711		10	75	116	
81 06 23 1400		.3	1	0.035	0.075	0.077	0.546	0.623		6	78	120	
81 06 30 1140		.3	1	0.020	0.070	0.072	0.516	0.588		4	83	128	
81 07 07 1300		.3	1	0.005	0.020	0.076	0.436	0.512		2	83	128	
81 07 14 1315		.3	1	0.005<T	0.010	0.081	0.430	0.511		2	86	132	
81 07 21 0930		.3	1	0.010	0.010	0.062	0.400	0.462		2	91	140	
81 07 27 0830		.3	1	0.010	0.010	0.054	0.438	0.492		3.4	96	148	
81 08 05 0930		.3	1				0.516			3.5	111	170	
81 08 11 1300		.3	1	0.010	0.035	0.068	0.486	0.554		2.3	98	150	
81 08 18 1400		.3	1	0.005<T	0.015	0.117	0.482	0.599		1.4	101	155	
81 08 25 1200		.3	1	0.005	0.020	0.106	0.294	0.400		0.8	104	160	
81 09 06 1345		.3		0.020	0.025	0.043	0.504	0.547		13	75	116	
81 10 01 1130		.3	1	0.010	0.010	0.042	0.290	0.332			113	175	
81 11 04 1150		.3	1	0.040	0.045	0.055	0.540	0.595		5.4	98	150	
81 12 01 1225		.3	1	0.075	0.080	0.106	0.472	0.578		1.8	94	144	
	MAXIMUM			**0.272**	**0.090**	**0.289**	**0.602**	**0.760**	**114.00**	**13**	**113**	**175**	**2.20**
	ARITH MEAN			**0.044<A**	**0.036**	**0.097**	**0.465**	**0.558**	**113.00**	**3**	**93**	**143**	**1.39**
	GEOM MEAN			**0.020<A**	**0.027**	**0.084**	**0.457**	**0.548**	**113.00**	**2**	**92**	**142**	**1.13**
	MINIMUM			**0.005**	**0.010**	**0.042**	**0.290**	**0.332**	**112.00**	**0.8**	**72**	**110**	**0.58**
	STD DEV (GEOM *)			**0.070<A**	**0.029**	**0.064**	**0.082**	**0.108**	**1.41**	**3**	**13**	**20**	**1.15**
	# SAMPLES (IN STATISTICS)			**17**	**15**	**17**	**18**	**17**	**2**	**17**	**18**	**18**	**2**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	CHLORIDE UNF.REAC MG/L AS CL	SULPHATE UNF.REAC MG/L AS SO4	SILICATE UNF.REAC MG/L AS SI	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	PH	PHENOLS UNF-REAC UG/L PHENOL	IRON UNF.TOT. MG/L AS FE	HARDNESS TOTAL MG/L AS CACO3	CALCIUM UNF.REAC MG/L AS CA
TEST-NAME:				*CLIDUR*	*SSO4UR*	*SIO3UR*	*ACDT*	*ALKT*	*PH*	*PHNOL*	*FEUT*	*HARDT*	*CAUR*
81 02 10 1350		.3	1	1.400	8.500	2.650	1.660	77.0	7.43	1.000<	0.210	77.000	21.000
81 03 10 1250		.3	1	1.050	8.000	2.900	1.600	79.0	7.44	1.000<	0.350	83.000	24.000
81 06 03 1530		.3	1		7.5			54	7.68				15.4
81 06 16 1500		.3	1		7.0			57	7.55				16.0
81 06 23 1400		.3	1		7.5			58	7.58				16.4
81 06 30 1140		.3	1		7.5			59	7.32				17.2
81 07 07 1300		.3	1		6.5			61	7.59				17.0
81 07 14 1315		.3	1		7.5			66	7.20				17.8
81 07 21 0930		.3	1		6.5			66	7.17				19.4
81 07 27 0830		.3	1		7.0			73	7.30				20.2
81 08 05 0930		.3	1		7.0			75	7.56				20.6
81 08 11 1300		.3	1		7.0			73	7.61				20.8
81 08 18 1400		.3	1		7.0			75	7.25				21.6
81 08 25 1200		.3	1		7.5			76	7.55				22.0
81 09 06 1345		.3			7.5			55	7.69				16.2
81 10 01 1130		.3	1		8.0			86	7.31				20.0
81 11 04 1150		.3	1		9.5			73	7.64				20.8
81 12 01 1225		.3	1		10.5			65	8.03				19.8
	MAXIMUM			**1.400**	**10.5**	**2.900**	**1.660**	**86**	**8.03**		**0.350**	**83.000**	**24.000**
	ARITH MEAN			**1.225**	**7.6**	**2.775**	**1.630**	**68**	**7.49**		**0.280**	**80.000**	**19.2**
	GEOM MEAN			**1.212**	**7.5**	**2.772**	**1.630**	**67**	**7.49**		**0.271**	**79.944**	**19.0**
	MINIMUM			**1.050**	**6.5**	**2.650**	**1.600**	**54**	**7.17**		**0.210**	**77.000**	**15.4**
	STD DEV (GEOM *)			**0.247**	**1.0**	**0.177**	**0.042**	**9**	**0.21**		**0.099**	**4.243**	**2.4**
	# SAMPLES (IN STATISTICS)			**2**	**18**	**2**	**2**	**18**	**18**		**2**	**2**	**18**

(CONTD)

B.O.W./SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **AT SPRUCE FALLS MILL INTAKE**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRANAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-034-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0396450.0 5473800.0 4** REGION: **05** DISTANCE: **300.617**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	MAGNESIM FIL.REAC MG/L AS MG	COLOUR APPARENT HZU	POTASSIM UNF.REAC MG/L AS K	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O	MANGANSE UNF.TOT. MG/L AS MN
	TEST-NAME:			*MGUR*	*COLAP*	*KKUR*	*NAUR*	*COD*	*MNUT*
81 02 10 1350		.3	1	5.950	47.000	1.25	2.000	16	0.018
81 03 10 1250		.3	1	5.500	58.000	1.20	1.600		0.034
81 06 03 1530		.3	1				1.3	41	
81 06 16 1500		.3	1				1.5	49	
81 06 23 1400		.3	1				1.9	45	
81 06 30 1140		.3	1				1.1	33	
81 07 07 1300		.3	1				1.2	45	
81 07 14 1315		.3	1				1.3	24	
81 07 21 0930		.3	1				1.0	42	
81 07 27 0830		.3	1				1.6	30	
81 08 05 0930		.3	1				1.7	43	
81 08 11 1300		.3	1				1.2	38	
81 08 18 1400		.3	1				1.4	16	
81 08 25 1200		.3	1				1.4	52	
81 09 06 1345		.3					1.2	40	
81 10 01 1130		.3	1				1.6	28	
81 11 04 1150		.3	1				1.6	4	
81 12 01 1225		.3	1				1.6	54	
	MAXIMUM			5.950	58.000	1.25	2.000	54	0.034
	ARITH MEAN			5.725	52.500	1.22	1.4	35	0.026
	GEOM MEAN			5.721	52.211	1.22	1.4	31	0.025
	MINIMUM			5.500	47.000	1.20	1.0	4	0.018
	STD DEV (GEOM *)			0.318	7.778	0.04	0.2	14	0.011
	# SAMPLES (IN STATISTICS)			2	2	2	18	17	2

B.O.W./SITE: **KAPUSKASING RIVER**
SAMPLE POINT: **20MI.DOWNSTREAM FROM SPRUCE FALLS MILL**
STATION TYPE: **RIVER**

MAJOR BASIN: **ARCTIC DRAINAGE ONTARIO**
MINOR BASIN: **JAMES BAY SHORE**
TERM STREAM: **MOOSE RIVER**

STATION ID: **19-0064-035-02**
STORET CODE: **04 001 0230**

LAT: LONG: U.T.M: **17 0400950.0 5490800.0 4** REGION: **05** DISTANCE: **267.144**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	DISOLVED OXYGEN MG/L AS O	BOD 5 DAY TOT.DEM. MG/L AS O	PHOSPHOR UNF.TOT. MG/L AS P	PO4 FIL.REAC MG/L AS P	NH3-N TOTAL FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N	NO2-N FIL.REAC MG/L AS N
	TEST-NAME:			*SAMPLE*	*FWSTRC*	*FWTEMP*	*DO*	*BOD5*	*PPUT*	*PPO4FR*	*NNHTFR*	*NNTKUR*	*NNO2FR*
81 06 04 1000		.3	1	23315	8	10.0	9.90	3.8	0.038	0.001<T	0.002	0.52	0.005
81 06 10 1100		.3	1	23326	8	10.0	9.60	1.6	0.022	0.003	0.002<T	0.55	0.005
81 06 16 1115		.3	1	23339	8	13.0	8.60	1.6	0.020	0.001<T	0.022	0.50	0.005
81 06 22 1200		.3	1	23353	8	13.0	8.00	3.2	0.020	0.001	0.002<T	0.60	0.003
81 06 30 1030		.3	1	23374	8	12.50	7.70	1.4	0.035	0.001	0.004	0.62	0.005
81 07 07 1030		.3	1	23385	8	18.0	5.20	4.0	0.072	0.001	0.014	0.75	0.004
81 07 14 1130		.3	1	23401	8	22.0	1.40	1.0	0.048	0.001<T	0.008	0.68	0.003
81 07 21 1430		.3	1	23417	8	21.0	0.06	4.6	0.032	0.001	0.036	0.68	0.002
81 07 28 1130		.3	1	23433	8	19.0	0.00	4.6	0.035	0.001<T	0.010	0.70	0.003
81 08 06 1030		.3	1	23454	8	21.5	0.10	4.4	0.050	0.004	0.120	0.90	0.009
81 08 11 1045		.3	1	23463	8	20.0	0.00	3.2	0.058	0.001	0.066	1.00	0.006
81 08 18 1030		.3	1	23478	8	18.5	0.00	11.8	0.042	0.002	0.020	0.95	0.006
81 08 25 1045		.3	1	23494	8	18.5	0.00	9.4	0.045	0.001	0.140	0.92	0.009
	MAXIMUM					**22.0**	**9.90**	**11.8**	**0.072**	**0.004**	**0.140**	**1.00**	**0.009**
	ARITH MEAN					**16.6**	**5.62**	**4.2**	**0.040**	**0.001<A**	**0.034<A**	**0.72**	**0.005**
	GEOM MEAN					**16.1**	**2.35**	**3.3**	**0.037**	**0.001<A**	**0.014<A**	**0.70**	**0.005**
	MINIMUM					**10.0**	**0.06**	**1.0**	**0.020**	**0.001**	**0.002**	**0.50**	**0.002**
	STD DEV (GEOM *)					4.3	**4.07**	**3.1**	**0.015**	**0.001<A**	**0.046<A**	**0.17**	**0.002**
	# SAMPLES (IN STATISTICS)					**13**	**9**	**13**	**13**	**13**	**13**	**13**	**13**

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	NO3-N FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	INORG N TOTAL FIL.REAC MG/L	KJELDAHL ORGANIC UNF.REAC MG/L	TOTAL N MG/L AS N	RESIDUE PARTIC. MG/L	RESIDUE FILTERED MG/L	CONDUCT. 25C UMHO/CM AT 25 C	SULPHATE UNF.REAC MG/L AS SO4	ALK TOTAL MG/L AS CACO3
	TEST-NAME:			*NNO3FR*	*NNOTFR*	*NNTIFR*	*NNKUR*	*NNKI*	*RSP*	*RSF*	*COND25*	*SSO4UR*	*ALKT*
81 06 04 1000		.3	1	0.005	0.010	0.012	0.518	0.530	1	73	112	8.5	52
81 06 10 1100		.3	1	0.015	0.020	0.022	0.548	0.570	1	74	114	9.0	52
81 06 16 1115		.3	1	0.005	0.010	0.032	0.478	0.510	8	78	120	8.5	55
81 06 22 1200		.3	1	0.005<T	0.005	0.010	0.598	0.608	6	78	120	8.5	57
81 06 30 1030		.3	1	0.005<T	0.005	0.014	0.616	0.630	7	85	130	9.0	58
81 07 07 1030		.3	1	0.005<T	0.005	0.023	0.736	0.759	5	88	136	8.5	62
81 07 14 1130		.3	1	0.005	0.005	0.016	0.672	0.688	5	94	142	10.5	64
81 07 21 1430		.3	1	0.005<T	0.005	0.043	0.644	0.687	5	101	155	10.5	68
81 07 28 1130		.3	1	0.005	0.010	0.018	0.690	0.708	3.2	104	160	11.5	70
81 08 06 1030		.3	1	0.005<T	0.010	0.134	0.780	0.914	6.0	127	195	13.5	76
81 08 11 1045		.3	1	0.005<T	0.010	0.077	0.934	1.011	6.0	120	185	15.0	80
81 08 18 1030		.3	1	0.005<T	0.010	0.031	0.930	0.961	5.6	127	195	16.0	81
81 08 25 1045		.3	1	0.005<T	0.010	0.154	0.780	0.934	4.1	130	200	17.0	84
	MAXIMUM			**0.015**	**0.020**	**0.154**	**0.934**	**1.011**	**8**	**130**	**200**	**17.0**	**84**
	ARITH MEAN			**0.006<A**	**0.009**	**0.045**	**0.686**	**0.732**	**4**	**98**	**151**	**11.2**	**66**
	GEOM MEAN			**0.005<A**	**0.008**	**0.030**	**0.673**	**0.714**	**4**	**96**	**148**	**10.9**	**65**
	MINIMUM			**0.005**	**0.005**	**0.010**	**0.478**	**0.510**	**1**	**73**	**112**	**8.5**	**52**
	STD DEV (GEOM *)			**0.003<A**	**0.004**	0.047	0.143	0.171	2	21	33	3.1	11
	# SAMPLES (IN STATISTICS)			**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**

(CONTD)

SAMP DTE HOUR YR MO DY LMT	STN DIST STN FEET BRG	SAMP DEPTH MTRS	PJ	PH	CALCIUM UNF.REAC MG/L AS CA	SODIUM UNF.REAC MG/L AS NA	CHEM. OX DEMAND MG/L AS O
TEST-NAME:				*PH*	*CAUR*	*NAUR*	*COD*
81 06 04 1000		.3	1	7.42	16.2	1.5	66
81 06 10 1100		.3	1	7.29	16.2	1.5	58
81 06 16 1115		.3	1	7.47	15.8	1.6	58
81 06 22 1200		.3	1	7.13	16.2	4.7	54
81 06 30 1030		.3	1	7.19	17.8	1.2	68
81 07 07 1030		.3	1	7.05	20.4	1.4	84
81 07 14 1130		.3	1	7.28	19.6	1.6	77
81 07 21 1430		.3	1	6.92	21.2	1.6	61
81 07 28 1130		.3	1	7.08	22.8	2.3	92.9
81 08 06 1030		.3	1	6.98	20.0	2.4	107
81 08 11 1045		.3	1	6.97	22.4	2.5	138
81 08 18 1030		.3	1	6.98	27.4	2.6	160
81 08 25 1045		.3	1	7.02	26.0	3.1	135
		MAXIMUM		**7.47**	**27.4**	**4.7**	**160**
		ARITH MEAN		**7.14**	**20.2**	**2.2**	**89**
		GEOM MEAN		**7.13**	**19.8**	**2.0**	**83**
		MINIMUM		**6.92**	**15.8**	**1.2**	**54**
		STD DEV (GEOM *)		**0.18**	**3.8**	**1.0**	**35**
		# SAMPLES (IN STATISTICS)		**13**	**13**	**13**	**13**

INDEX TO STATION SUMMARY REPORT

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
Agawa River	Agawa River	At Highway 17	0.966	01-0012-001-02	6
Ausable River	Ausable River	At Townline Dnstr. from Centralia Base	120.698	08-0022-011-02	323
	Ausable River	At Highway 21 Grand Bend	0.805	08-0022-013-02	325
	Ausable River	At First Conc. West of Highway 4 Exeter	134.377	08-0022-016-02	326
	Ausable River	At Morrison Dam East of Exeter	136.630	08-0022-017-02	327
	Decker Creek	Near Brick Yard, Thedford	10.300	08-0022-002-02	320
	Hensall Creek	At Concession Road 2, West of Hensall	139.294	08-0022-007-02	321
	Little Ausable River	At Bridge, Twp. Line West of Lucan	109.915	08-0022-010-02	322
	Parkhill Creek	Rd. Between Lots 15 & 16 west of Parkhill	19.955	08-0022-012-02	324
Ausable River Cut	The Cut	At Highway 21	6.276	08-0021-001-02	319
Batchawana River	Batchawana River	At Highway 17	0.322	07-0031-001-02	317
Batteaux River	Batteaux River	At Highway 26 Collingwood	0.322	03-0054-001-02	59
Bayfield River	Bayfield River	First Concession Downstream from Clinton	21.243	08-0040-006-02	328
	Bayfield River	At Huron County Road 31 North of Varna	14.162	08-0040-008-02	329
	Bayfield River	At First Concession West of Seaforth	45.382	08-0040-009-02	330
Beaver River	Beaver River	At Railroad Bridge Thornbury	0.322	03-0036-002-02	52
	Beaver River	At Grey County Road No. 2 Feversham	56.969	03-0036-006-02	54
	Beaver River	At County Road No. 10 Osprey Township	59.061	03-0036-007-02	54
	Beaver River	At County Road No. 8 Osprey Township	58.257	03-0036-008-02	55
	Beaver River	At County Road No. 30 South of Kimberley	37.175	03-0036-009-02	56
	Boyne River	1st. Bridge Dnstr. From Hwy. 10 Flesherton	44.417	03-0036-005-02	53
Belle River	Belle River	At First Road South of Highway 401	9.978	04-0007-002-02	147
Big Carp River	Big Carp River	At Herkimer Street Sault Ste. Marie	1.127	13-0003-001-02	406
Big Creek	Big Creek	At Highway No. 18 County of Essex	5.311	16-0001-001-02	478
	Big Creek	Norfolk County Road 42	3.380	16-0124-003-02	496
	Big Creek	At William Street Delhi	48.440	16-0124-009-02	497
Big Otter Creek	Big Otter Creek	9th Line Bayham Town Line	44.095	16-0109-004-02	493
	Big Otter Creek	At Highway 19 Southern Bridge Vienna	7.081	16-0109-005-02	494
	Big Otter Creek	At Norwich Rd. 6 E. of Base Line Rd.	78.373	16-0109-007-02	495
Bighead River	Bighead River	At Conc. Road 8 and 9 South of Oxmead	12.713	03-0030-002-02	51
Black River	Black River	At County Road 17	7.725	06-0172-001-02	311
Black Sturgeon River	Black Sturgeon River	At Highways 11 and 17	13.196	01-0092-001-02	28
Blackbird Creek	Kimberly Clark Effluent Cana	At Highway 17	13.196	01-0074-001-02	25
Blanche River	Amikougami Creek	At Highway No. 66	104.605	18-7710-010-02	655
	Blanche River	Highway 112, 8 Miles South of Swastika	85.776	18-7710-004-02	653
	Blanche River	At Bridge on Rosegrove Beach Road	96.719	18-7710-009-02	654
	Larder Lake	Public Beach, Larder Lake	82.074	18-7710-003-01	652
Blind River	Blind River	At Highway 17 Bridge Blind River	0.322	14-0014-003-02	414
Bloomfield Creek	Bloomfield Creek	At Church Street Bloomfield	5.954	06-0163-001-02	311
Bonnechere River	Bonnechere River	County Road 3 2 Miles East of Castleford	0.805	13-3690-010-02	643
Bowmanville Creek	Bowmanville Creek	West Beach Road, Bowmanville	1.287	06-0116-001-02	293
	Soper Brook	West Beach Road, Bowmanville	0.966	06-0116-002-02	294
	Soper Brook	Highway 2, Bowmanville	5.150	06-0116-003-02	295
Boyne River	Boyne River	Otter Lake Outlet South of Parry Sound	10.943	03-0096-002-02	116
Brock Creek	Brock Creek	At Middle St. 3 miles S. of West Lorne	5.793	16-0066-001-02	482
Bronte Creek	Bronte Creek	Highway 2, Bronte	0.644	06-0060-001-02	214
	Bronte Creek	Appleby Line Burlington	14.966	06-0060-002-02	215
	Bronte Creek	At Progreston Road	29.450	06-0060-005-02	218
	Indian Creek	At Tremaine Road South of Britannia Road	21.886	06-0060-006-02	219
	Mountsberg Creek	At County Road 18	43.612	06-0060-003-02	216
	Mountsberg Creek	At Hwy. 401 above Mountsberg Resevoir	49.245	06-0060-004-02	217
Brookside Creek	Brookside Creek	Highway 2 1.5 Miles East of Brookside	2.736	06-0139-002-02	303
Butlers Creek	Butlers Creek	Highway 2, Brockville	0.483	12-0034-001-02	394
Canard River	Canard River	Hwy. 18 2 Miles South of River Canard	0.805	10-0002-001-02	377
	Canard River	2 Miles South of Lukerville	12.070	10-0002-002-02	378
Carruthers Creek	Carruthers Creek	First Road East of Ajax Town Line	0.805	06-0107-001-02	287
Cataraqui River	Cataraqui River	Highway 2, Kingston (Centre)	0.805	12-0004-001-02	391
	Cataraqui River	At Dam, Kingston Mills	8.207	12-0004-002-02	392
Catfish Creek	Catfish Creek	At Conc. Road 2 Miles East of Sparta	5.150	16-0097-003-02	490
	Catfish Creek	At Highway No. 3 West of Orwell	24.944	16-0097-005-02	491
	Catfish Creek	At Elgin County Road No. 40 Glencolin	34.761	16-0097-006-02	492
Cedar Creek	Cedar Creek	At Highway No. 18	4.328	16-0018-002-02	479
Centre Creek	Centre Creek	At First Road Upstream from Lake Erie	0.161	16-0163-001-02	502
Cobourg Brook	Cobourg Brook	At Park South on Fourth Street	0.322	06-0133-004-02	302
Colborne Creek	Colborne Creek	At Bridge in Lakeport	0.644	06-0146-001-02	305
Consecon Creek	Consecon Creek	At Mill Dam Consecon	0.322	06-0157-001-02	309
	Consecon Creek	At County Road 2 Allisonville	14.001	06-0157-002-02	309
	Consecon Creek	At Highway 14	22.852	06-0157-003-02	310
Credit River	Black Creek	First Concession Upstream from Limehouse	50.354	06-0076-008-02	234
	Credit River	Highway 5 Erindale	7.886	06-0076-002-02	229
	Credit River	Highway 7 Norval	34.439	06-0076-003-02	230

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Credit River	Highway 10 Dnstr. From Orangeville STP	83.684	06-0076-006-02	232
	Credit River	At County Road 9 Terra Cotta	50.210	06-0076-010-02	235
	Credit River	At 22nd Side Road Glen William	40.233	06-0076-013-02	236
	Credit River	At Derry Road West of Highway No. 10	21.565	06-0076-017-02	239
	Credit River	At 20 Side Road Caledon Township	75.315	06-0076-018-02	240
	Credit River	Southern Dam of Orangeville Reservoir	87.868	06-0076-019-02	241
	Credit River	South of Hwy. 136 below Orangeville STP	86.098	06-0076-020-02	242
	Credit River	At Melville	79.660	06-0076-023-02	244
	Credit River Erin Branch	At Wellington and Peel County Boundry	69.844	06-0076-015-02	237
	Credit River West Branch	Highway 7 Norval	34.922	06-0076-004-02	231
	Credit River West Branch	At County Road No. 13 Georgetown	37.175	06-0076-022-02	243
	Fletcher's Creek	At Steels Ave., Brampton	26.232	06-0076-016-02	238
Current River	Current River	At Cumberland Street Thunder Bay	0.483	01-0104-001-02	29
	Current River	At Highways 11 and 17 Thunder Bay	2.897	01-0104-002-02	30
Dead Horse Creek	Dead Horse Creek	At Highway No. 17	2.253	01-0068-001-02	23
Dedrich Creek	Dedrich Creek	At Front Road Walsingham South Tonwship	0.966	16-0126-001-02	498
Delisle River	Delisle River	At CNR Trestle Dnstr. of Alexandria	44.578	12-0086-001-02	398
	Delisle River	At First Bridge Upstr. of Alexandria	46.509	12-0086-002-02	399
	Garry River	At CNR Trestle Alexandria	48.279	12-0086-003-02	400
	Garry River	At First Bridge Upstr. of Alexandria	50.049	12-0086-004-02	400
Demorestville Creek	Demorestville Creek	At County Road 14	4.828	17-0014-001-02	559
Don River	Don River	Lakeshore Road Toronto	0.161	06-0085-001-02	259
	Don River	Bayview Exit from Don Valley Parkway	3.862	06-0085-013-02	265
	Don River	At Pottery Road	4.506	06-0085-014-02	267
	Don River East	Bayview and Steeles Ave. Toronto	27.680	06-0085-003-02	262
	Don River West	Sheppard Ave. Toronto	22.208	06-0085-002-02	261
	Don River West	Highway 7 West of Concord	31.864	06-0085-004-02	263
	German Mills Creek	16th. Ave. Dnstr. from Richmond Hill STP	35.566	06-0085-005-02	264
Duffins Creek	Brougham Cr. Trib.	At Highway No. 7	16.898	06-0104-052-02	286
	Brougham Creek	Con. Rd. 5 1 Mile E. of Township Rd. 16-17	14.323	06-0104-028-02	283
	Brougham Creek	North of Conc. 5 Pickering Township	15.771	06-0104-051-02	285
	Duffins Creek	Baseline Road, 1 Mile West of Ajax	3.058	06-0104-001-02	276
	Duffins Creek	Donwstream from Ajax STP	2.736	06-0104-003-02	277
	Duffins Creek	Highway 2, Pickering	5.793	06-0104-005-02	278
	Ganateskiagon Creek	At Concession 4	10.782	06-0104-022-02	281
	Ganateskiagon Creek	On Brock Road South of Concession 8	8.207	06-0104-024-02	282
	Stouffville Creek	Downstream from Stouffville STP	27.680	06-0104-011-02	279
	Stouffville Creek	First Road North of Stouffville	34.117	06-0104-012-02	280
	Urfe Creek	At Concession 3 East of Brock Road	8.207	06-0104-026-02	282
East Davignon Creek	East Davignon Creek	Near Mouth West of Algoma Steel	0.483	13-0008-001-02	407
English River	Balmer Creek	At Balmer Lake Outlet	283.400	19-0001-016-02	670
	Balmer Creek	500 Feet Upstream of Chukuni River	278.731	19-0001-032-02	673
	Chukuni River	Downstream From Balmer Creek	277.765	19-0001-015-02	669
	English River	At Manitou Falls Hydro Dam	193.525	19-0001-007-02	662
	Howey Bay	500 Feet from Shore, Red Lake	285.651	19-0001-033-01	674
	Red Lake	In Bruce Channel Near Ferry Crossing	288.030	19-0001-018-01	672
	Snib Lake Creek	At Snib Lake Outlet	299.008	19-0001-017-02	671
	Troutlake River	At Highway No. 105	233.349	19-0001-008-02	663
	Wabigoon River	Upstr. from Great Lakes Forest Products	265.017	19-0001-005-02	660
	Wabigoon River	At Golf Course Bridge Dryden	264.408	19-0001-006-02	661
	Wabigoon River	At Minnitaki Sideroad	235.280	19-0001-035-02	675
	Wabigoon River	Highway 609 Near Quibell	199.875	19-0001-036-02	676
Etobicoke Creek	Etobicoke Creek	Highway 2 Long Branch	0.483	06-0080-001-02	246
	Etobicoke Creek	Burnhamthorpe Road Mississauga	8.690	06-0080-003-02	248
	Etobicoke Creek	At Hwy. 10 1.2 Miles N-W of Snelgrove	38.301	06-0080-004-02	249
	Etobicoke Creek West	Derry Road East Mississauga	20.438	06-0080-002-02	247
Farewell Creek	Farewell Creek	At Wentworth Street Oshawa	1.609	06-0112-003-02	292
	Harmony Creek	At Bloor Street East Oshawa	1.931	06-0112-001-02	292
Farr Creek	Cobalt Lake	At Outlet, Cobalt	9.495	18-7370-002-01	649
	Farr Creek	Downstream From Crosswise Lake	5.472	18-7370-001-02	648
	Sasaginaga Lake	Near Cobalt	10.460	18-7370-003-01	650
Fort Creek	Fort Creek	At Mouth, Sault Ste. Marie	0.161	13-0009-001-02	408
French River Main Ch	Sturgeon River	4 mi. Downstream from Highway No. 17	117.318	03-0133-003-02	124
	Sturgeon River	At Bridge in Sturgeon Falls	124.077	03-0133-004-02	125
	Callander Bay	Near Docks Callander Bay	0.000	03-0133-009-01	126
	Chippewa Creek	At Mouth Amelia Park North Bay	215.163	03-0133-019-02	132
	Chippewa Creek	At Golf Club Road North Bay	220.152	03-0133-025-02	136
	Duchesnay River	Hwy. 17 Upstream of Nordfibre	114.743	03-0133-012-02	128
	Duchesnay River	Hwy. 17B Downstream of Nordfibre	114.260	03-0133-013-02	129
	French River	At Highway 69	28.967	03-0133-001-02	122
	Genesee Creek	Powassan Water Works	147.251	03-0133-020-02	133

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Genesee Creek	At Highway 11 Powassan	145.642	03-0133-022-02	133
	La Vase River	Upstream From Dupont North Bay	121.180	03-0133-014-02	129
	La Vase River	Downstream From Dupont North Bay	120.698	03-0133-015-02	130
	La Vase River	At Mouth North Bay	0.322	03-0133-024-02	135
	Lake Nipissing	At Amelia Beach North Bay	0.000	03-0133-010-01	127
	Lake Nipissing	Downstream Government Docks North Bay	0.000	03-0133-011-01	127
	Parks Creek	At Lakeshore Drive North Bay	0.161	03-0133-026-02	136
	South River	At Hwy. No. 11 North of South River	53.268	03-0133-023-02	134
	Sturgeon River	First Bridge Upstream From Crystal Falls	140.492	03-0133-017-02	131
	Sturgeon River	Downstream from Highway No. 17	123.755	03-0133-028-02	137
	Veuve River	At First Road Upstream from Cache Bay	126.330	03-0133-002-02	123
French River West Ch	Coniston Creek	Highway 17 Coniston	88.512	03-0134-005-02	140
	Coniston Creek	Upstream from Wanapitei River Coniston	84.971	03-0134-006-02	141
	Coniston Creek	At N.I.R. Road	99.600	03-0134-016-02	145
	Emery Creek	Upstream From Wanapitei River Wahnapitae	95.753	03-0134-003-02	139
	Romford Creek	Upstream from Junction With Coniston Cr.	88.672	03-0134-013-02	143
	Romford Creek	Edward Street Bridge, Coniston	88.994	03-0134-014-02	144
	Wanapitei River	At Bridge In St. Cloud	72.740	03-0134-001-02	138
	Wanapitei River	At Timmins Chute	96.075	03-0134-008-02	142
Gage Creek	Gage Creek	Highway 2, 1 Mile East of Port Hope	0.483	06-0130-001-02	301
Gananoque River	Gananoque River	At RR Trestle Canadian Steel Gananoque	0.966	12-0017-001-02	393
	Gananoque River	Highway 32, 2 Miles North of Highway 401	6.115	12-0017-004-02	393
Ganaraska River	Ganaraska River	Peter Street Port Hope	0.644	06-0129-001-02	299
	Ganaraska River	At Hwy. No. 401	3.057	06-0129-003-02	300
Garden River	Garden River	Highway 17, Garden River	2.253	13-0013-001-02	409
Goulais River	Goulais River	At Bridge Goulais River	12.231	07-0009-003-02	314
Graham Creek	Graham Creek	1st. Br. Upstr. from L. Ontario Newcastle	1.127	06-0118-001-02	298
Grand River	Alder Creek	At Mannheim Bridge	188.288	16-0184-026-02	518
	Alder Creek	At First Conc. Road South of New Dundee	179.920	16-0184-038-02	532
	Baden Creek	At Bleams Road Downstream from Baden STP	205.025	16-0184-098-02	549
	Boston Creek	At First Conc. Road East of Highway No. 6	49.245	16-0184-095-02	545
	Brantford Water Works Canal	At Water Works Park Foot Bridge	107.018	16-0184-097-02	547
	Canagagigue Creek	First Bridge Downstream From Elmira STP	202.128	16-0184-016-02	516
	Canagagigue Creek	First Concession North of Elmira	207.922	16-0184-051-02	537
	Canagagigue Creek	At County Road 19 Floradale	210.818	16-0184-052-02	538
	Conestogo River	At Waterloo County Road No. 22	193.599	16-0184-029-02	521
	Conestogo River	Steel Bridge At Glen Allan Gr.-12	223.049	16-0184-077-02	540
	Conestogo River	At Wellington County Road No. 7	244.775	16-0184-100-02	551
	Cox Creek	At Highway No. 86	200.680	16-0184-105-02	556
	Eramosa River	At County Road No. 41 Northwest of Arkell	180.563	16-0184-102-02	553
	Fairchild Creek	First Conc. Downstream From St. George	107.501	16-0184-044-02	535
	Fairchild Creek	Lot G South of Hamilton Rd. Brantford Twp.	80.626	16-0184-093-02	544
	Grand River	At Glen Morris Bridge	133.250	16-0184-010-02	512
	Grand River	At Blair Bridge	151.918	16-0184-012-02	513
	Grand River	At Bridgeport Bridge	177.506	16-0184-015-02	515
	Grand River	Blossom Ave. Bridge Newport	78.856	16-0184-024-02	517
	Grand River	At Cocksutts Bridge Brantford	92.535	16-0184-027-02	519
	Grand River	At Highway No. 7 Breslau	171.873	16-0184-028-02	520
	Grand River	At Bridge in Dunnville	7.725	16-0184-035-02	525
	Grand River	1st. Conc. Road Dnstr. of Bellwood Lake	222.566	16-0184-037-02	531
	Grand River	At East Luther and Amaranth Twp. Line	248.154	16-0184-039-02	532
	Grand River	Old Highway No. 8 Freeport	162.539	16-0184-041-02	533
	Grand River	Conc. Road No. 13 NW of Marsville Gr-3	243.809	16-0184-067-02	539
	Grand River	In Rural Community of Leggatt	264.408	16-0184-090-02	541
	Grand River	At Bridge In Community of York	42.325	16-0184-092-02	543
	Grand River	At Highway No. 86	199.875	16-0184-103-02	554
	Irvine Creek	At William Street Salem	217.416	16-0184-104-02	555
	McKenzie Creek	At First Conc. Road East of Highway No. 6	49.888	16-0184-096-02	546
	Moorefield Creek	County Road No. 10 Village of Moorefield	241.878	16-0184-091-02	542
	Nith River	At Highway 24A Paris	121.180	16-0184-009-02	511
	Nith River	First Bridge Downstream from New Hamburg	203.255	16-0184-032-02	522
	Nith River	First Bridge Downstream from Ayr	170.264	16-0184-033-02	523
	Nith River	First Conc. Downstream from Wellesly	230.935	16-0184-045-02	536
	Speed River	Edinborough Street Guelph	172.678	16-0184-034-02	524
	Speed River	Puslinch Lake Rd. 4M S-W Guelph	164.470	16-0184-036-02	530
	Speed River	At Woodlawn Road, Guelph UL-2	180.081	16-0184-043-02	534
	Speed River	Above Guelph Reservoir Armstrong Mills	191.507	16-0184-099-02	550
	Speed River	At Highway No. 8 Cambridge	152.401	16-0184-101-02	552
	Whitemans Creek	At First Conc. Rd. West of Highway No. 24A	119.732	16-0184-106-02	557
Grindstone Creek	Grindstone Creek	Highway 2, Bayview, Hamilton Harbour	0.483	09-0009-001-02	374
	Grindstone Creek	Waterdown Road, Waterdown	7.242	09-0009-002-02	375

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
Harmony River	Harmony River	Highway 17 Chippewa Falls	0.805	07-0028-001-02	316
Hickory Creek	Hickory Creek	At Plympton Twp. Rd. No. 14 Dnstr. of Forest	8.529	08-0010-001-02	313
Highland Creek	Highland Creek	Highland Creek Park West Hill	2.575	06-0094-002-02	268
Humber River	Black Creek	At Scarlett Road Toronto	8.207	06-0083-012-02	257
	Humber River	Lakeshore Road Toronto	0.000	06-0083-001-02	251
	Humber River	Highway 7 Woodbridge	26.714	06-0083-003-02	254
	Humber River	York Peel County Line Bolton	52.463	06-0083-005-02	256
	Humber River	Albion Hill Conservation Area	71.292	06-0083-018-02	258
	Humber River	At Old Mill Road	5.633	06-0083-019-02	259
	Humber River East	At Bridge Pine Grove Road	28.163	06-0083-004-02	255
	Humber River West	Claireville Dam Outlet Claireville	23.818	06-0083-002-02	253
Kaministiquia River	Kaministiquia River	At Highway No. 618 Thunder Bay	6.759	01-0108-001-02	37
	Kaministiquia River	Upstream of Highway No. 61 Bridge	8.851	01-0108-002-02	40
	Kaministiquia River	Middle of Turning Basin	8.047	01-0108-003-02	41
	Kaministiquia River	Near Mouth Thunder Bay	0.000	01-0108-004-02	42
	Kaministiquia River	At Mission River Junction	4.023	01-0108-005-02	43
Kettle Creek	Beaver Creek	At Pond Outlet Community of Union	7.403	16-0087-006-02	485
	Dodd Creek	First Concession North of Highway 3	36.370	16-0087-004-02	484
	Dodd Creek	At Highway 3 St. Thomas	22.530	16-0087-013-02	489
	Kettle Creek	First Concession South West of Belmont	44.417	16-0087-007-02	485
	Kettle Creek	At County Road 26 St. Thomas	22.530	16-0087-009-02	486
	Kettle Creek	First Bridge Above Port Stanley	4.828	16-0087-010-02	487
	Kettle Creek	At Elgin County Road 45	17.059	16-0087-012-02	488
	Kettle Creek	At County Road No. 31 North of St. Thomas	29.933	16-0087-015-02	490
Lake Superior	Lake Superior	Inside Eastern Gap Thunder Bay	0.000	01-0000-001-01	1
	Lake Superior	Off Mouth of Kaministiquia River	0.000	01-0000-002-01	1
	Lake Superior	Near Pulp Mill Mission Bay Thunder Bay	0.000	01-0000-003-01	2
	Lake Superior	Near Prov. Mill, Eastern Gap Thunder Bay	0.000	01-0001-004-01	3
	Lake Superior	Near Abitibi Thunder Bay Paper Mill Slip	0.000	01-0000-005-01	3
	Lake Superior	At Abitibi Thunder Bay Paper Mill Ditch	0.000	01-0000-006-01	4
	Lake Superior	3.5 MI.E. of Welcome Ist. Lighthouse	0.000	01-0000-007-01	5
	Lake Superior	2.5 Kilometers East of McKellar Island	0.000	01-0000-010-01	5
	Lake Superior	2 Km East of Northern Wood Preserves	0.000	01-0000-011-01	6
Little Cataraqui Cr	Little Cataraqui Creek	Highway 2, 1 mile southeast of Cataraqui	4.345	12-0002-004-02	390
	Little Cataraqui Creek	At Reservoir Outlet Dam	8.207	12-0002-008-02	391
Little Pic River	Little Pic River	At Highway 17	1.448	01-0067-001-02	22
Little River	Little River	At Riverside Drive Windsor	0.161	04-0001-001-02	146
Little Sauble River	Little Sauble River	At Inverhuron Provincial Park MOE SWA1	1.931	08-0113-001-02	347
Lucknow River	Lucknow River	Highway 21, Port Albert	1.287	08-0076-001-02	345
	Lucknow River	Canning Street, Village of Lucknow	25.749	08-0076-002-02	346
Lynde Creek	Lynde Creek	At Baseline Road Whitby Township	1.448	06-0108-001-02	288
Lynn River	Lynn River	At De Cou Road Simcoe UL-20	11.426	16-0159-003-02	499
	Lynn River	At Victoria Street Simcoe	13.357	16-0159-008-02	500
	Lynn River	At Queen Street Port Dover	2.897	16-0159-009-02	501
Madawaska River	Madawaska River	At Highway No. 17 Arnprior	1.127	18-3490-020-02	643
Magnetawan River	Bernard Creek	1st. Bridge Dnstr. from Sundridge Lagoon	133.089	03-0124-004-02	120
	Bernard Creek	At Highway No. 520	116.191	03-0124-005-02	121
	Magnetawan River	At 1st. Bridge Dnstr. from Highway No. 11	120.376	03-0124-001-02	118
	Magnetawan River	At Young Street Bridge Burks Falls	127.135	03-0124-002-02	119
	Magnetawan River	At Highway 69	10.460	03-0124-003-02	119
Magpie River	Magpie River	Highway 17 1 Mile West of Wawa	12.713	01-0029-002-02	9
Maitland River	Belgrave Creek	3rd. Conc.W.of Hwy.No.4 S. of Co.Rd.No.20	59.222	08-0056-030-02	343
	Blyth Brook	At Side Road, West of Blyth	51.015	08-0056-002-02	331
	Drainage Ditch	At Side Road 3-4 1 Mi. West of Milverton	153.688	08-0056-010-02	337
	Little Maitland River	Hwy. 23 3 Miles S-W of Palmerston	131.963	08-0056-006-02	334
	Maitland River	Hwy. 86 2 Miles N-W of Wingham	77.246	08-0056-003-02	332
	Maitland River	One Mile North East of Wroxeter	100.420	08-0056-004-02	333
	Maitland River	Highway 87, Downstream From Harriston	134.859	08-0056-007-02	335
	Maitland River	At Highway 21 Goderich	2.736	08-0056-023-83	341
	Middle Maitland River	Hamlet of Trowbridge	140.975	08-0056-009-02	336
	Middle Maitland River	Highway 23, Downstream from Listowel	147.090	08-0056-013-02	338
	Middle Maitland River	Half Mile North East of Listowel	159.803	08-0056-014-02	339
	Middle Maitland River	0.7 Miles of Ethel	127.135	08-0056-026-02	342
	Middle Maitland River	At County Road No. 16 West of Brussels	104.283	08-0056-031-02	344
	South Maitland River	Highway 4, Londesborough	43.451	08-0056-015-02	340
Mattawa River	Mattawa River	Highway 533 Bridge Mattawa	0.161	18-6070-020-02	645
McCurry Lake	McCurry Lake Outlet	Emil Street Parry Sound	0.322	03-0097-001-02	117
McIntyre River	McIntyre River	At Hammond Ave. Thunder Bay	0.966	01-0106-001-02	32
	McIntyre River	Highway 11 & 17 City of Thunder Bay	1.931	01-0106-002-02	33

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
McKellar River	McKellar River	At 104th Ave. Thunder Bay	2.414	01-0109-001-02	44
	McKellar River	Near Mouth City of Thunder Bay	0.161	01-0109-002-02	45
McVicar Creek	McVicar Creek	At Cumberland Street Thunder Bay	0.322	01-0105-001-02	31
McCraney Creek	Fourteen Mile Creek	At Queen Elizabeth Way	3.862	06-0061-001-02	220
Michipicoten River	Michipicoten River	Highway 17 5 miles south of Wawa	6.115	01-0029-001-02	8
Millhaven Creek	Millhaven Creek	First Concession Road South of Odessa	6.437	06-0180-004-02	312
	Millhaven Creek	At County Road 6	10.782	06-0180-005-02	313
Mimico Creek	Mimico Creek	Highway 2 Mimico	0.161	06-0082-001-02	249
	Mimico Creek	Richview Side Road Etobicoke	10.460	06-0082-002-02	250
Mission River	Mission River	Near Mouth	0.322	01-0110-001-02	46
Mississagi River	Mississagi River	At Mississagi Chute	3.862	14-0012-001-02	411
	Mississagi River	At Dean Lake Road Bridge	16.415	14-0012-003-02	412
	Mississagi River	At Mouth	0.500	14-0012-004-02	413
Mississippi River	Bennett Lake Outlet	At Outlet Dam near Fallbrook	88.351	18-3430-610-02	642
	Clyde River	Below Lanark	86.902	18-3430-520-02	641
	Clyde River	Above Lanark	90.121	18-3430-530-02	642
	Mississippi River	At Railway Bridge North Galetta	3.701	18-3430-030-02	638
	Mississippi River	At Dam Below Pakenham	14.966	18-3430-034-02	639
	Mississippi River	Downstream of Almonte	28.485	18-3430-040-02	639
	Mississippi River	Below Carleton Place	45.382	18-3430-060-02	640
	Mississippi River	At Dalhousie Lake Outlet	102.995	18-3430-175-02	640
	Mississippi River	At Mazinaw Lake Outlet	169.298	18-3430-230-02	641
Moira River	Black River	Highway 7 2 Miles East of Actinolite	62.763	17-0026-010-02	620
	Clare River	1st. Bridge Upstr. of Stoco Lake Tweed	52.785	17-0026-007-02	618
	Madoc Creek	At Railway Bridge 1 Mile South of Madoc	74.832	17-0026-012-02	622
	Moira Lake	County Bridge 1 Mile South of Madoc	71.453	17-0026-011-01	621
	Moira River	Footbridge North of Highway 2 Belleville	1.127	17-0026-001-02	616
	Moira River	Bridge in Cannifton	6.276	17-0026-002-02	617
	Moira River	At Stoco Lake Outlet	43.773	17-0026-003-02	617
	Moira River	Stoco Bridge Hungerford Township	47.796	17-0026-004-02	617
	Moira River	Jameson Street Tweed	50.210	17-0026-006-02	618
	Moira River	Highway 7 1 Mile South of Deloro	92.696	17-0026-013-02	622
	Moira River	Downstream from Village of Malone	100.742	17-0026-019-02	622
	Skootamotta River	Highway 7 near Actinolite	60.671	17-0026-009-02	619
	Sulphide Creek	Upstream from Stoco Lake Hungerford Twp.	52.785	17-0026-008-02	619
Montreal River	Giroux Lake	At Outlet Near Cobalt	106.697	18-6975-001-01	645
	Giroux Lake	At Glen Lake Outlet	108.950	18-6975-004-01	647
	Montreal River	Highway No. 17 66 Miles South of Wawa	0.805	01-0009-001-02	7
	Montreal River	At Highway 11 Latchford	35.405	18-6975-003-02	646
Moon River	Moon River	Hwy. 69 6 Miles N. of Hwy. 69 & 660 Junction	16.737	03-0092-001-02	115
Moose River	Abitibi River	At Highway No. 574	283.720	19-0064-023-02	688
	Abitibi River	36 Mi. Dnstr. Abitibi Iroquois Falls Mill	266.500	19-0064-030-02	691
	Abitibi River	Upstr. of Abitibi Mill Discharge	373.840	19-0064-031-02	692
	Abitibi River	Upstr. from Abitibi Iroquois Falls Dam	373.519	19-0064-032-02	693
	Black River	Highway 101 Town of Matheson	422.763	19-0064-007-02	682
	Groundhog River	Highway 11 Bridge in Fauquier	300.134	19-0064-016-02	686
	Kapuskasing River	Upstream from Spruce Falls Paper Company	300.939	19-0064-009-02	683
	Kapuskasing River	At Fred Flatt Rd. Dnstr. from Kapuskasing	278.087	19-0064-024-02	689
	Kapuskasing River	At Spruce Falls Mill Intake	300.617	19-0064-034-02	695
	Kapuskasing River	20 Mi. Downstream from Spruce Falls Mill	267.144	19-0064-035-02	696
	Mattagami River	Downstream From Timmins STP.	425.660	19-0064-001-02	677
	Mattagami River	Highway 101 Bridge, Timmins	427.269	19-0064-002-02	678
	Mattagami River	Upstr. of Abitibi Paper Smooth Rock Falls	317.837	19-0064-011-02	685
	Mattagami River	12 Mi. Downstream from Smooth Rock Falls	297.399	19-0064-033-02	694
	Porcupine River	Highway 101 Whitney Township	431.936	19-0064-003-02	679
	Porcupine River	Highway 101 Bridge, Hoyle	404.739	19-0064-004-02	681
Muddy Creek	Muddy Creek	At First Bridge Above Lake Erie	0.322	16-0032-001-02	480
Muskoka River	East River	Highway 11 5 Miles North of Huntsville	140.170	03-0085-032-02	113
	Fairy Lake Outlet	At Regional Road No. 2 Huntsville	105.248	03-0085-007-02	107
	Indian River	Hanna Park Port Carling	53.751	03-0085-011-02	110
	Lake of Bays	Highway 35, Dorset	132.606	03-0085-014-01	111
	Lake of Bays Outlet	Highway No. 117 Baysville	107.501	03-0085-009-02	109
	Lake Vernon Outlet	Highway 118 Huntsville	110.076	03-0085-008-02	108
	Mary Lake Outlet	At Regional Road No. 10 Port Sydney	92.374	03-0085-006-02	106
	Muskoka Lake Outlet	At Highway No. 169 Bala	34.439	03-0085-003-02	104
	Muskoka River	At Dock Trans-Canada Pipeline Crossing	63.085	03-0085-035-02	114
	Muskoka River South	Highway 11 Muskoka Falls	69.683	03-0085-004-02	105
	Musquash River	Hwy. 69 2.5 Miles N. of Hwy. 69 & 660	18.668	03-0085-001-02	102
	Rosseau Lake Outlet	Highway 118 Port Carling	55.360	03-0085-002-02	103
	Rosseau River	Highway 141 Near Rosseau Falls	72.740	03-0085-028-02	112

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
Nanticoke Creek	Nanticoke Creek	At County Road No. 11 Nanticoke	1.609	16-0164-001-02	503
	Nanticoke Creek	At County Road 27 and 32	17.863	16-0164-002-02	504
	Nanticoke Creek	At Township Road 7 East of Dam Waterford	39.267	16-0164-003-02	505
	Nanticoke Creek	At Highway No. 6 South West of Jarvis	15.610	16-0164-004-02	506
	Nanticoke Creek	At Regional Road No. 5 Nanticoke	35.083	16-0164-005-02	507
	Nanticoke Creek	Lot 23, Conc. 11 Former Twp. of Townsend	22.691	16-0164-006-02	508
Napanee River	Napanee River	Downstream from Napanee	5.633	17-0035-001-02	624
	Napanee River	Mink Bridge Upstream from Highway 401	14.806	17-0035-002-02	624
	Napanee River	At Bridge in Town of Newburgh	22.530	17-0035-004-02	625
Needing River	Needing River	At 110th Ave. Thunder Bay	0.805	01-0107-001-02	34
	Needing River	Hwys. 11 & 17 West of Maplewood Side Road	13.840	01-0107-002-02	35
Nipigon River	Nipigon River	At Bridge Cameron Falls	18.990	01-0090-001-02	26
	Nipigon River	At Highway 17, Nipigon	9.656	01-0090-002-02	27
North River	Coldwater River	At CNR Bridge Coldwater	2.736	03-0076-001-02	75
Nottawasaga River	Beeton Creek	Second Concession Rd. North of Beeton	93.661	03-0057-014-02	69
	Beeton Creek	Simcoe Co. Rd. No. 10 North of Tottingham	106.536	03-0057-024-02	72
	Boyne River	Conc. Rd. 6 Earl Rowe Provincial Park	87.224	03-0057-003-02	60
	Boyne River	County Road 10, Downstream From Alliston	78.212	03-0057-007-02	64
	Boyne River	1st. Br. On Highway 24 N. of Highway 10	122.468	03-0057-011-02	67
	Boyne River	1st. Conc. E. of Hwy. 24 N. of Hwy. 10	118.605	03-0057-012-02	68
	Lamont Creek	Highway 26 Stayner	18.024	03-0057-009-02	66
	Mad River	At Concession Road 2 Tosorontio Township	62.119	03-0057-021-02	70
	Nottawasaga River	At Highway No. 92 Wasaga Beach	0.322	03-0057-006-83	62
	Nottawasaga River	At Highway No. 26 Edenvale	30.738	03-0057-023-02	71
	Pine River	Upstream From Camp Borden STP	54.555	03-0057-005-02	61
	Pine River	Upstream from Nottawasaga River Angus	51.819	03-0057-010-02	66
Oakville Creek	East Oakville Creek	At Baseline Road Sixteen Valley	19.633	06-0063-011-02	227
	Middle Oakville Creek	Hwy. 25 1.8 Miles South of Scotch Block	42.486	06-0063-003-02	223
	Oakville Creek	Highway 2, Oakville	0.644	06-0063-001-02	221
	Oakville Creek	Side Road 10 Milton	23.818	06-0063-002-02	222
	Oakville Creek	At County Road 9 Hilton Falls	32.508	06-0063-008-02	224
	Oakville Creek	At County Road 28 Upstream of Milton	33.152	06-0063-009-02	225
	Oakville Creek	At Conc. 8 Upstr. of Kelso Reservoir	29.933	06-0063-010-02	226
Oshawa Creek	Montgomery Creek	At Harbour Road Oshawa	0.805	06-0111-002-02	291
	Oshawa Creek	Simcoe Street South Oshawa	0.644	06-0111-001-02	290
Ottawa River	Ottawa River	Channel 1 and 2 Hawkesbury	109.432	18-0000-051-82	626
	Ottawa River	Perley Bridge, Hawkesbury Main Channel	109.432	18-0000-078-83	626
	Ottawa River	At Chats Falls 900' From P/Q Shore	263.281	18-0000-170-02	627
	Ottawa River	At Chenaux Dam 800' From P/Q Shore	303.514	18-0000-240-02	627
	Ottawa River	At Otto Holden Dam 1200' From P/Q Shore	548.610	18-0000-360-02	628
Petawawa River	Petawawa River	Highway 17 Bridge Petawawa	2.897	18-4930-020-02	644
Pic River	Black River	At Highway 17	12.874	01-0060-002-02	13
	Black River	At Highway No. 614 South of Agonzon	84.327	01-0060-003-02	15
	Black River	1 Mi. Below Outlet of Mose L. Ont. P&P Rd.	131.963	01-0060-004-02	16
	Black River	Above Mose Lake On Ont. P&P Road	133.250	01-0060-006-02	18
	Fox Creek	At Highway No. 614 Manitouwadge Lake	136.951	01-0060-005-02	17
	Fox Creek	At Inflow to Manitowadge Lake	138.239	01-0060-008-02	20
	Pic River	At Highway 17	14.806	01-0060-001-02	11
	Rudder Creek	3 Mi. W. of Hwy 614 on American Can Road	96.742	01-0060-007-02	19
Pickerel River	Pickerel River	At Highway 69	27.680	03-0130-001-02	122
Picton Creek	Picton Creek	At Conservation Area Pound	1.287	17-0008-001-02	558
Pottawatomi River	Pottawatomi River	At 14th Street Bridge Owen Sound	1.609	03-0015-002-02	47
Pretty River	Pretty River	At Parkway Bridge Collingwood	0.483	03-0053-001-02	58
Pringle Creek	Pringle Creek	Watson Street, Whitby	1.770	06-0109-003-02	289
Proctors Creek	Proctors Creek	Road To Highway 33, Brighton	0.322	06-0151-001-02	307
Puce River	Puce River	At Essex County Road 42 South of Puce	3.380	04-0005-003-02	147
Rainy River	Rainy River	Downstream of Emo	302.813	19-0001-003-02	658
	Rainy River	Upstream from Fort Frances Toll Bridge	341.506	19-0001-004-02	658
	Rainy River	Dnstr. from Confluence with Baudette R.	225.946	19-0001-009-02	664
	Rainy River	Upstr. from Confluence with Baudette R.	228.521	19-0001-010-02	665
	Rainy River	Above Emo	308.606	19-0001-011-02	666
	Rainy River	Downstream from Fort Frances, North	328.297	19-0001-012-02	667
	Rainy River	Downstream from Fort Frances, Centre	328.297	19-0001-013-02	668
	Rainy River	Downstream from Fort Frances, South	328.297	19-0001-014-02	669
Raisin River	North Raisin River	At First Upstream of Martintown	25.266	12-0073-011-02	397
	Raisin River	1st. Bend Downstream from Williamstown	9.495	12-0073-003-02	395
	Raisin River	1st. Bridge Downstream from St. Andrews	32.669	12-0073-008-02	395
	Raisin River	At County Road No. 18 East of Lunenburg	56.004	12-0073-010-02	396
	South Raisin River	At Co. Rd. No. 20 South of Cashionglen	17.863	12-0073-015-02	398
Rattray Creek	Rattray Marsh	At Meadow Wood Road Clarkson	1.448	06-0068-001-02	228

River basin	Stream	Sample Point Description	Distance	Location Code	Page No.
Redhill Creek	Redhill Creek	At Barton Street East Hamilton	3.701	09-0001-003-02	369
	Redhill Creek	Mountainbrow Blvd. Hamilton Albion Falls	10.300	09-0001-004-02	371
Rideau River	Jock River	At Queen Street Richmond	44.256	18-0033-017-02	630
	Jock River	At Moodie Drive Bridge	33.313	18-0033-036-02	633
	Kemptville Creek	Highway 43, Kemptville	56.165	18-0033-003-02	629
	Rideau River	At Dam in Kilmarnock	38.190	18-0033-026-02	630
	Rideau River	Dnstr. from Confluence with Jock River	24.461	18-0033-028-02	631
	Rideau River	At Bridge Downstream of Kars	38.945	18-0033-029-02	631
	Rideau River	At Hog's Back Road Ottawa	11.426	18-0033-031-02	632
	Rideau River	St. Patrick Street Bridge Ottawa	1.609	18-0033-034-02	632
	Rideau River	At Nicolson's Lock Andrewsville	73.545	18-0035-035-02	633
	Rideau River	At Long Island Gauging Station	25.910	18-0033-037-02	634
	Tay River	1 Mile Downstream from Perth Lagoons	114.099	18-0033-008-02	629
Root River	Root River	At Hwy. No. 17 East of Sault Ste. Marie	1.287	13-0011-001-02	408
	Root River	At Hwy. No. 17 North of Sault Ste. Marie	13.840	13-0011-002-02	409
Rouge River	Little Rouge Creek	Steeles Ave. Near Tenth Line	10.621	06-0097-006-02	272
	Little Rouge Creek	Twin Rivers Drive Scarborough	4.184	06-0097-013-02	275
	Rouge River	Highway 48 Markham	20.277	06-0097-002-02	269
	Rouge River	Box Grove, Town of Markham	17.220	06-0097-003-02	270
	Rouge River	Highway 2, 1 Mile West of Rouge Hill	2.414	06-0097-005-02	271
	Rouge River	At Twin Rivers Drive Scarborough	5.311	06-0097-011-02	273
	Rouge River	At Sewell Road North of Finch Avenue	11.265	06-0097-012-02	274
Ruscom River	Ruscom River	1 Mile East of Exit 6 on Highway 401	9.978	04-0010-002-02	148
Salem Creek	Salem Creek	First Road Upstream from Lake Ontario	0.644	06-0148-001-02	306
Salmon River	Salmon River	At Old Highway 2, Shannonville	2.897	17-0031-001-02	623
	Salmon River	At Bridge in Milltown	4.989	17-0031-002-02	623
Sandusk Creek	Sandusk Creek	At Haldimand County Road No. 11	4.506	16-0170-002-02	509
	Sandusk Creek	First Bridge Downstream of Jarvis Lagoon	17.702	16-0170-003-02	510
Sauble River	Albemarble Brook	At Highway No. 6 Near MAR MOE SW A3	25.105	08-0135-004-02	368
	Sauble River	At Bridge First Concession north of Tara	44.899	08-0135-002-02	367
	Sauble River	At Sauble Falls	3.219	08-0135-003-02	367
Saugeen River	North Saugeen River	At Elderslie Township Road 25 and 26	55.360	08-0123-009-02	354
	Otter Creek	At Bruce County Road 16 North of Mildmay	87.868	08-0123-010-02	355
	Pearl Creek	At Concession Road 12 and 13 Brant Twp.	56.165	08-0123-042-02	362
	Pearl Creek	At 10th Conc. Brant Township	60.671	08-0123-045-02	365
	Rocky Saugeen River	At Concession Road Southwest of Markdale	143.389	08-0123-006-02	352
	Saugeen River	At Highway No. 21 Southamton MOE SW A2	0.644	08-0123-001-83	348
	Saugeen River	Yonge Street, Town of Walkerton	76.603	08-0123-002-02	349
	Saugeen River	Highway 4, Hanover	94.627	08-0123-003-02	350
	Saugeen River	Highway 4, Town of Durham	125.847	08-0123-005-02	351
	Saugeen River	At Township Road, Downstream of Paisley	35.083	08-0123-007-02	353
	Saugeen River	Durham Conservation Area	131.158	08-0123-015-02	356
	Saugeen River	Bruce Co. Road 3, North of Burgoyne SR-6	11.909	08-0123-030-82	358
	Saugeen River	At Conc. Road 2.5 Miles East of Cargill	63.889	08-0123-038-02	361
	Saugeen River	At Conc. Road 4 and 5 Saugeen Township	27.358	08-0123-043-02	363
	South Saugeen River	At Wellington County Road 9	132.284	08-0123-016-02	357
	South Saugeen River	At 7th. Ave. South of Hanover	96.880	08-0123-046-02	365
	Teeswater River	Downstream from Dam, west of Teeswater	99.938	08-0123-004-02	350
	Teeswater River	At County Road 1	39.589	08-0123-039-02	361
	Teeswater River	At Chepstow	67.591	08-0123-044-02	364
Sawguin Creek	Sawguin Creek	At County Road 28	8.851	17-0016-001-02	559
Serpent River	Buckles Creek	At Hwy. No. 108 South of Elliot Lake 40 1	73.062	14-0019-007-09	420
	Camp Lake	At South End 55 1	16.737	14-0019-037-01	436
	Creek	Near Road to Stanrock Townsite 32 2	86.902	14-0019-012-09	424
	Crotch Lake Outlet	At Crotch Lake 34 1	70.005	14-0019-006-09	419
	Depot Lake Outlet	At Lake Depot 52 1	46.509	14-0019-002-02	416
	Dunlop Lake	Dunlop Lake in Bay A 18 1	93.822	14-0019-030-01	431
	Dunlop Lake Outlet	At outlet of Dunlop Lake 18 2	93.339	14-0019-019-02	427
	Elliot Lake	At Elliot Lake Municipal Pumphouse 48 1	76.442	14-0019-027-01	430
	Esten Lake	Central Part of Esten Lake 49 1	60.188	14-0019-067-01	446
	Hough Lake	Centre of Lake	56.808	14-0019-041-01	439
	May Lake	South End of May Lake 33 3	61.636	14-0019-054-01	444
	May Lake	North end of May Lake 33 1	64.372	14-0019-055-01	445
	McCabe Lake	Centre of Lake 35 1	69.522	14-0019-036-01	435
	McCarthy Lake	At West end 53 1	40.876	14-0019-039-01	437
	McCarthy Lake	At South end 53 3	36.692	14-0019-040-01	438
	North Nordic Lake	At Effluent Canal N 19	72.097	14-0019-043-01	439
	Orient Lake Outlet	At Lake Outlet	85.400	14-0019-070-02	447
	Panel Mine Tailings Effluent	At tailings treatment effluent	80.000	14-0019-071-02	448
	Pecors Lake Inlet	At Pecors Lake 37 1	64.716	14-0019-004-02	413

River basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Pecors Lake Outlet	At Pecors Lake 38 1	47.796	14-0019-003-02	417
	Pronto Effluent	At Hwy. No. 17 near Pronto Mine Rd. 60 1	0.805	14-0019-023-01	429
	Quirke Lake	South West of Stanrock mine 25 4	85.454	14-0019-031-01	432
	Quirke Lake	North East of Can Met Mine 25 7	81.109	14-0019-032-01	433
	Quirke Lake	South East Corner 25 6	83.040	14-0019-033-01	433
	Quirke Lake	East of Denison Mine 25 2	85.776	14-0019-034-01	434
	Quirke Mine Tailings	Treated Quirke Tailings Effluent	89.799	14-0019-051-01	443
	Quirke Tailings Control	Pond a Outlet	91.730	14-0019-022-01	428
	Rochester Creek	Near Inlet to Quirke Lake	79.660	14-0019-010-02	422
	Serpent Harbour	Near Hospital Point 08 2	0.000	14-0019-038-01	437
	Serpent River	At Old Hwy. No. 17 E. of Hwys. 108 & 17 57 2	8.207	14-0019-001-02	415
	Serpent River	Near Inlet to Quirke Lake	86.098	14-0019-011-02	423
	Serpent River	At Panel Mineside Road 24 1	89.477	14-0019-014-02	425
	Serpent River	At Quirke Lake Outlet 26 1	77.890	14-0019-049-02	442
	Sheriff Creek	At Highway No. 108 Elliot Lake 45 1	78.051	14-0019-009-02	421
	Stollery Lake	Stollery Lake At Denison Dam 21 4	92.535	14-0019-017-09	426
	Westner Lake	At Ski Club Road N 15	75.798	14-0019-044-01	440
	Whiskey Lake	South End Near Rum Point 29 4	59.383	14-0019-035-01	435
	Williams Lake Creek	At Denison Mine Access Road D 3	91.408	14-0019-045-02	441
Severn River	Aurora Creek	Hwy. No. 11 North of St. Andrews College	151.274	03-0077-007-02	82
	Beaverton River	At First Side Road West of Cannington	118.284	03-0077-011-02	84
	Beaverton River	Railroad Bridge Beaverton	98.972	03-0077-025-02	94
	Black River	Mossington Bridge Sutton	104.122	03-0077-008-02	83
	Black River	Highway 48 Bridge Baldwin	114.421	03-0077-019-02	90
	Black River	At Highway No. 169	68.234	03-0077-031-02	100
	Canal Lake Outlet	Bridge, Bolsover	104.444	03-0077-012-02	85
	Drainage Canal	S-E Conc. and Newmarket Townline	144.998	03-0077-004-02	79
	Drainage Canal	At N-S Rd. west Gwillimbury Township	142.745	03-0077-005-02	80
	Drainage Canal	Upstr. from pumping station N-W end	141.779	03-0077-017-02	88
	Holland River	Queensville Road River Drive Park	130.836	03-0077-001-02	76
	Holland River	At Herald Road Newmarket	140.170	03-0077-003-02	78
	Holland River	Mulock Drive Newmarket	144.998	03-0077-006-02	81
	Holland River	At York Regional Road No. 32	122.790	03-0077-030-02	99
	Lake Couchiching Outlet	At Highway No. 169 Washago	62.280	03-0077-026-02	95
	Lake Simcoe outlet	Highway 12 Atherley	71.936	03-0077-022-02	92
	Lovers Creek	Tollendale Road near Minet Bay	0.322	03-0077-028-02	97
	Maskinonge Jersey River	York County Road 12 South of Keswick	119.732	03-0077-018-02	89
	Mount Albert Creek	2nd Conc. N. of Mt. Albert E. of Hwy. No. 48	127.939	03-0077-021-02	91
	Pefferlaw Brook	At Highway 48	0.966	03-0077-027-02	96
	Schomberg River	Highway 11 Bradford	131.802	03-0077-002-02	77
	Schomberg River	Highway No. 27 North of Schomberg	152.240	03-0077-029-02	98
	Severn River	At Main Lock Dam Port Severn	0.000	03-0077-013-02	86
	Severn River	At Highway No. 11 Severn Bridge	53.429	03-0077-023-02	93
	Uxbridge Brook	1st Conc. Dnstr. of Uxbridge STP	135.664	03-0077-014-02	87
	Uxbridge Brook	Downstream of Brookdale Lake Uxbridge	140.009	03-0077-032-02	101
Shelter Valley Brook	Shelter Valley Brook	At Concession Road South of Grafton	1.609	06-0142-001-02	304
Silver Creek	Silver Creek	At Highway No. 26 Collingwood	0.966	03-0047-001-02	57
Sixteen Mile Creek	Sixteen Mile Creek	At Back Street, Rodney	8.047	16-0063-001-02	481
Smithfield Creek	Smithfield Creek	County Road 64 near Lovett	0.322	06-0152-001-02	308
South Nation River	Castor River	At Conc. Rd. No. 5 Russell Twp.	82.396	18-2070-140-02	637
	Castor River	At Conc. Rd. No. 3 Russell Twp.	85.615	18-2070-145-02	638
	Scotch River East	At Conc. 17 Downstream from St. Isidore	48.601	18-2070-040-02	635
	Scotch River East	At Conc. 19 Upstream from St. Isidore	51.015	18-2070-060-02	636
	South Nation River	Highway 17 Plantagenet	10.300	18-2070-020-02	634
	South Nation River	At Dam Downstream of Casselman	62.763	18-2070-100-02	636
	South Nation River	At Dam Chesterville	93.339	18-2070-110-02	637
Spanish River	Copper Cliff Creek	At Ceasar Road Sudbury	131.802	14-0028-005-02	450
	Copper Cliff Creek	At Balsan St. & Smelter Rd. Copper Cliff	132.445	14-0028-041-02	465
	Junction Creek	At Outlet of Kelly Lake	122.951	14-0028-003-02	449
	Junction Creek	At Orell Street Carson	150.148	14-0028-042-02	466
	Junction Creek	Upstream of Simon Lake at Reserve Road	112.973	14-0028-046-02	468
	Junction Creek	100 feet upstr. of Sudbury STP outfall	129.227	14-0028-047-02	469
	Junction Creek	At Kelley Lake Road	130.514	14-0028-048-02	470
	Junction Creek	At King Street Sudbury	137.273	14-0028-049-02	471
	Junction Creek west branch	At Lasalle Blvd. Sudbury	138.722	14-0028-040-02	464
	Ministic Creek	At First Bridge On Agnew Road	87.385	14-0028-021-02	458
	Moose Creek	At Moose Lake Outlet	181.851	14-0028-015-02	455
	Moose Creek	Downstream of Levack	176.540	14-0028-018-02	456
	Moose Creek	At Fecunis Lake outlet	183.700	14-0028-060-02	477
	Nolin Creek	At Highway No. 144	139.848	14-0028-043-02	467

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Onaping River	1 Miles upstream from High Falls	171.873	14-0028-012-02	453
	Onaping River	Upstream from Levack Septic tank	177.345	14-0028-013-02	454
	Spanish River	At High Falls	35.454	14-0028-020-02	457
	Spanish River	At Bridge south of the Town of Massey	30.094	14-0028-038-02	462
	Spanish River	At Bridge south of the Town of Massey	30.094	14-0028-038-83	463
	Spanish River	Upstr. from E B Eddy Paper Mill Espanola	50.532	14-0028-045-02	468
	Spanish River	Upstr. from confluence with Aux Sables R.	32.508	14-0028-055-02	473
	Spanish River	Dnstr. from Espanola south of Walford	14.484	14-0028-056-02	474
	Spanish River	3 Miles Dnstr of E. B. Eddy Plant Espanola	45.704	14-0028-057-02	475
	Vermilion River	Dnstr. from Junction with whitson River	127.778	14-0028-006-02	450
	Vermilion River	At Foot of Bass Lake Upstr. from Capreol	221.440	14-0028-010-02	452
	Vermilion River	Highway 17 2 miles east of Whitefish	105.248	14-0028-027-02	459
	Vermilion River	Dowling 6 Miles west of Chelmsford	154.171	14-0028-033-02	461
	Vermilion River	At Highway No. 549	93.400	14-0028-058-02	475
	Vermilion River	On Road to Val Therese	204.542	14-0028-050-02	472
	Whitson River	At Bridge in Chelmsford	139.204	14-0028-008-02	451
	Whitson River	Highway 634 West of Val Caron	157.229	14-0028-028-02	460
	Whitson River	At Vermilion River	128.000	14-0028-059-02	476
Spencer Creek	Spencer Creek	At Cootes Road, Dundas	3.701	09-0008-001-02	373
St. Marys River	St. Marys River	At Huron Street Dam (Centre)	0.000	13-0000-003-02	401
	St. Marys River	At Hwy. No. 2 Sault Ste. Marie Michigan, U.S.A.	0.000	13-0000-008-02	405
	St. Marys River	At Bell's Point Dock	0.000	13-0000-005-02	402
	St. Marys River	At Private Dock E. of S.S. Marie Golf Club	0.000	13-0000-006-02	403
	St. Marys River	At Sault Ste. Marie Civic Centre	0.000	13-0000-007-02	404
Stokley Creek	Stokley Creek	Karalash Corners, Van Koughnet Township	6.437	07-0020-001-02	315
	Stokley Creek	At Highway 17	0.161	07-0020-002-02	315
Sturgeon River	Sturgeon River	At Co. Rd. 20 4 miles S-E of Leamington	3.058	16-0027-001-02	480
Sydenham River	Bear Creek	At First Concession west of Petrolia	62.441	04-0027-004-02	190
	Bear Creek	At Township Line N-E of Avonry STP	34.278	04-0027-008-02	193
	Bear Creek	At Highway 21 2 miles N-E of Petrolia	73.706	04-0027-010-02	195
	Black Creek	At County Road 9 West of Oil Springs	49.406	04-0027-009-02	194
	Brown Creek	First Concession South of Watford	117.157	04-0027-011-02	196
	Sydenham River	At Concession 18 above Inglis Falls	7.403	03-0016-003-02	48
	Sydenham River	At Highway 40 Wallaceburg	4.506	04-0027-001-83	187
	Sydenham River	At Down Mills Road Upstream of Dresden	22.530	04-0027-006-02	191
	Sydenham River	1st Conc. South of Hwy.22 Strathroy	130.675	04-0027-007-02	192
	Sydenham River	1st Conc. North of Alvinston	97.041	04-0027-012-02	197
Telfer Creek	Telfer Creek	At Thompson Memorial Footbridge Leith	0.483	03-0017-002-02	50
Thames River	Avon River	At Lorne Ave. Stratford	278.570	04-0013-025-02	157
	Big Creek	Conc. 10 W. Tilbury Twp. W. of Strangfield	16.737	04-0013-033-02	164
	Big Swamp Drain	Upstr. of Co. Rd. South of Dorchester	224.900	04-0013-060-02	179
	Dingman Creek	1st Conc. Downstream of Lambert	196.013	04-0013-029-02	161
	Dingman Creek	At Wellington Road	208.726	04-0013-037-02	165
	Foldens Creek	At Conc. Rd. No. 3 West Oxford Twp.	250.085	04-0013-069-02	186
	Lawton Drain	At Co. Rd. 32 2 Miles South of Dorchester	224.980	04-0013-059-02	178
	Lock Drain	At Concession Road 22 Harwich Twp.	45.382	04-0013-031-02	162
	McGregor Creek	At Harwich-Howard Townline	50.693	04-0013-049-02	174
	Middle Thames River	At 2nd. Conc. Rd. South of Thamesford	239.786	04-0013-041-02	168
	Newbiggin Creek	Hwy. 2 Near Junction with Hwy. 80	117.479	04-0013-011-02	154
	North Thames River	At Park Street Bridge, St. Marys	254.752	04-0013-015-02	155
	North Thames River	At Middlesex County Road 42 London	217.416	04-0013-027-02	160
	North Thames River	At Highway 7	243.326	04-0013-043-02	169
	North Thames River	At Concession Road 2 South of Mitchell	279.374	04-0013-044-02	170
	North Thames River	1.4 Miles Downstream of St. Marys	251.051	04-0013-045-02	171
	North Thames River	At Middlesex County Road 28	229.003	04-0013-050-02	175
	North Thames River	2 Miles Upstream from St. Mary's	258.775	04-0013-067-02	184
	Reynold's Creek	At C/A area south of Highway 401	237.533	04-0013-068-02	185
	Sharon Creek	At Sharon Reservoir Outlet	172.517	04-0013-065-02	182
	Thames River	At Bridge County Rd. 34 Prairie Siding	14.484	04-0013-007-82	149
	Thames River	At Dundas Street Woodstock	258.132	04-0013-016-02	156
	Thames River	At First Road South of Innerkip	272.133	04-0013-018-02	157
	Thames River	At Highway 76	106.375	04-0013-032-02	163
	Thames River	At County Road 48 Woodstock	261.028	04-0013-038-02	166
	Thames River	At Pemberton Street Ingersoll	245.257	04-0013-039-02	167
	Thames River	At First Bridge Downstream of Ingersoll	239.786	04-0013-042-02	168
	Thames River	At County Road 16 Komoka	184.748	04-0013-047-02	173
	Thames River	At Middlesex County Road 4	215.002	04-0013-051-02	176
	Thames River	At Highway 59 South of Tavistock	298.847	04-0013-055-02	176
	Thames River	At County Road No. 15 Near Kent Bridge	49.084	04-0013-058-02	177
	Tilbury Creek	1 Mile Southwest of Tilbury Station	7.725	04-0013-026-02	159

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Tilbury Creek	At Highway 2 West of Tilbury	9.012	04-0013-046-02	172
	Trout Creek	At Perth County Road No. 28 St. Mary's	258.936	04-0013-064-02	181
	Trout Creek	At West Zorra Twp. Conc. Road 2-3	269.380	04-0013-066-02	183
	Turkey Creek	At County Rd. 19 South of Southwold	163.344	04-0013-061-02	180
Thessalon River	Thessalon River	At Mouth, South of Thessalon	0.000	14-0003-001-02	410
Trent River	Balsam Lake Outlet	At Rosedale Dam	255.879	17-0021-054-02	587
	Baxter Creek	1.5 Miles Downstream from Millbrook	134.055	17-0021-069-02	597
	Baxter Creek	At Concession No. 5 Twp. of Cavan	140.653	17-0021-077-02	604
	Beaver Creek	At Bridge on Road To Cordova Mines	78.212	17-0021-095-02	612
	Bow Lake Outlet	At Hwy. 28 South-west of Bancroft 71 3	185.391	17-0021-062-02	589
	Buckhorn Lake Outlet	Highway 507 Buckhorn	197.622	17-0021-018-02	571
	Burnt River	First Bridge 4 Miles South of Kinmount	281.306	17-0021-075-02	602
	Cameron Lake Outlet	Highway 35 Fenelon Falls	249.442	17-0021-023-02	573
	Clear Lake Outlet	Highway 28 Youngs Point	171.551	17-0021-016-02	568
	Cold Creek	Highway 33 Bridge in Frankford	12.070	17-0021-046-02	584
	Creek Outlet of Bentley Lake	Upstr. of Madawaska Mine Tailings 70 2	189.576	17-0021-064-02	591
	Creek Tributary to Bow Lake	Dnstr. of Madawaska Mine Tailings 70 1	188.288	17-0021-063-02	590
	Crowe River	Highway 7, Marmora	75.798	17-0021-003-02	561
	Crowe River	Crowe Bridge Near Healey Falls	61.314	17-0021-048-02	585
	Crowe River	At Bridge On Cordova Road near Rockdale	90.604	17-0021-082-02	607
	Crowe River	First Road above Belmont Lake	95.431	17-0021-083-02	608
	Crowe River	At Cordova Lake Outlet Dam	98.650	17-0021-084-02	609
	Crowe River	At Hwy. No. 28 Paudash Lake Outlet 76 1	172.034	17-0021-089-02	610
	Crowe River	Blow Confluence with Cr. from bow L. 76 2	166.884	17-0021-100-02	613
	Drag River	At Highway No. 519	316.871	17-0021-033-02	576
	Gull Lake Outlet	Highway 35 Moore Falls	289.030	17-0021-032-02	575
	Gull River	Highway 35 Coboconk	267.627	17-0021-025-02	574
	Gull River	highway 35 North of Carnarvon	327.171	17-0021-036-02	577
	Gull River	1.3 Miles Downstream from Minden	301.905	17-0021-043-02	582
	Gull River	At Highway No. 35 Upstr. from Minden	307.698	17-0021-044-02	583
	Gull River	Highway 503 Bridge Norland	278.892	17-0021-076-02	603
	Head Lake Outlet	Highway 121 Haliburton	334.573	17-0021-037-02	578
	Indian River	First Road South of Keene	102.834	17-0021-006-02	564
	Jackson Creek	Dalhousie Street Peterborough	145.159	17-0021-038-02	579
	Lovesick Lake Outlet	At Highway 28 Burleigh Falls	185.713	17-0021-017-02	569
	Mississauga River	Highway 36 1 Mile North of Buckhorn	197.622	17-0021-052-02	586
	Nonquon River	At County Road No.2 Seagrave	290.479	17-0021-040-02	580
	North River	Near North River Bay, Belmont Lake	93.822	17-0021-091-02	610
	North River	At Bridge on Blue Mountain Road	102.191	17-0021-092-02	611
	Otonabee River	At Bensforth Bridge S. of Peterborough	125.204	17-0021-008-02	566
	Otonabee River	Highway 7 Peterborough	142.423	17-0021-011-83	566
	Otonabee River	Road to Nassau Mills	149.826	17-0021-013-02	567
	Otonabee River	Lock 25 Lakefield	158.516	17-0021-065-02	591
	Otonabee River	At Lock No. 19 Dam Peterborough	144.676	17-0021-070-02	598
	Ouse River	At Highway 45	104.122	17-0021-007-02	565
	Ouse River	First Concession Downstream from Norwood	101.386	17-0021-066-02	592
	Pigeon River	Fee Landing 3 Miles North of Omemee	226.911	17-0021-074-02	601
	Plato Creek	Highway 7 1 Mile East of Havelock	98.167	17-0021-072-02	600
	Plato Creek	At Old Round Lake Road	104.765	17-0021-078-02	605
	Plato Creek	At Freeman Corners Bridge	87.707	17-0021-081-02	606
	Rawdon Creek	At Hwy. No. 33 South of Stirling	24.783	17-0021-047-02	585
	Salt Creek	Conc. E. of Hwy. 30 South of Meyersburg	42.164	17-0021-071-02	599
	Scugog River	Downstream from Lindsay Lagoons	245.740	17-0021-041-02	581
	Scugog River	At Highways No. 7 and No. 35 Lindsay	253.626	17-0021-116-02	614
	Sturgeon Lake Outlet	Highway 36 Bobcaygeon	222.083	17-0021-021-02	572
	Trent River	At Dam, Town of Campbellford	50.854	17-0021-002-02	560
	Trent River	At High-lo Cottages Dock	80.787	17-0021-004-02	562
	Trent River	At Dents Cottages Dock	80.948	17-0021-005-02	563
	Trent River	Highway 401 Bridge Near Trenton	3.862	17-0021-045-02	584
	Trent River	At Healey Falls Dam	63.245	17-0021-057-02	588
	Trent River	Bridge Street Bridge Hastings	81.109	17-0021-067-02	593
	Trent River	New Highway 2 Bridge Trenton	0.805	17-0021-068-83	594
	Trent River	At Trent River Bridge	71.131	17-0021-110-83	613
	Trent River	At Glen Ross Bridge	23.013	17-0021-118-02	615
	Twelve Mile Lake Outlet	At Highway No. 35	318.480	17-0021-035-02	577
Turkey Creek	Turkey Creek	At Windsor Suburban Road 40	3.862	10-0001-002-02	376
Twelve Mile Creek	Old Welland Canal	At Disher Street St. Catharines	10.139	06-0017-009-02	210
	Twelve Mile Creek	At Lakeport Road St. Catharines	1.287	06-0017-001-02	200
	Twelve Mile Creek	Wellandvale Ave. St. Catharines	5.472	06-0017-002-02	205
	Twelve Mile Creek	At Glendale Ave. St. Catharines	8.690	06-0017-004-02	207

River Basin	Stream	Sample Point Description	Distance	Location Code	Page No.
	Twelve Mile Creek	One Street Louth Twp. Near Power Glen	11.909	06-0017-007-02	208
	Twelve Mile Creek	At Decew Road	10.621	06-0017-008-02	209
Twenty Mile Creek	Twenty Mile Creek	21 St. Street Louth Township	3.862	06-0024-001-02	211
	Twenty Mile Creek	First Bridge Downstream of Smithville	28.163	06-0024-002-02	212
	Twenty Mile Creek	Highway 20 Downstream of Smithville	24.944	06-0024-004-02	213
Tyrconnell Creek	Dutton Drain	Conc. Rd. 7 Dunwich Twp. S-W of Dutton	8.851	16-0072-001-02	483
Wabi Creek	Wabi Creek	Highway 11 Bypass Near New Liskeard	0.644	18-7450-001-02	651
Welland River	Chippawa Canal	Whirlpool Road, Niagara Falls	3.862	11-0001-001-02	379
	Welland River	At Montrose Bridge	14.162	11-0001-003-83	380
	Welland River	New Syphon at Port Robinson	23.818	11-0001-005-02	385
	Welland River	At Bridge South of Welland Airport	36.853	11-0001-007-02	387
	Welland River	At Sinclairville Bridge	101.225	11-0001-008-02	388
	Welland River	Lot 25 Conc. 7, Former Twp. of Binbrook	112.490	11-0001-009-02	389
Welland Ship Canal	Welland Ship Canal	At Weir Donwstream from Lakeshore Road	3.219	06-0014-001-02	198
	Welland Ship Canal	First Bridge Downstream from Lake Erie	43.451	06-0014-002-02	199
White River	White River	At Highway 17	77.246	01-0057-001-02	10
Whitefish Bay	Havilland Bay (Whitefish Bay	Near MNR Camp Grounds	0.000	07-0000-001-01	313
Wilmot Creek	Orono Creek	At Concession Road Southwest of Orono	8.047	06-0117-002-02	296
	Wilmot Creek	At Highway 2, 2 Miles west of Newcastle	1.127	06-0117-003-02	297
Winnipeg River	Winnipeg River	At First CPR Br. West of Main St. Kenora	94.949	19-0001-001-02	656
	Winnipeg River	North-west of Old Fort Island	92.213	19-0001-002-02	657
Wye River	Wye River	At Highway 12 East of Midland	1.448	03-0070-001-02	73
	Wye River	At County Road No. 6 North of Elmvale	22.530	03-0070-002-02	74

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